Sourceforge.Net AdempiereForums
Compilation made by Mario Calderon
San Salvador, March 1st, 2008

Bazaar Projects B&M Dev ERP Fin Help Compiere Español

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- Developers
  help with code By: francesco (fncsystem) - 2008-04-29 14:43

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  How do you put quantity in your product? By: Rhesa Reinaldy (rhes4) - 2008-04-23 08:23

1.1 Adempiere Dashboard

IRC Feb 28, 2008

[11:41] <josephnexus> how do you go about making new tabs... like performance, menu, workflow activites, etc?
[11:41] <josephnexus> i'm wanting to start with customizing the dashboard and such
[11:41] <josephnexus> for adempiere
[11:43] <muthah> llok in the AD
[11:43] <muthah> Windows andd Tabs

[11:44] <croo_> josephnexus, do you mean the horizontal tabs in the main panel?
[11:46] <josephnexus> yes
[11:46] <josephnexus> not the standard window tabs
[11:47] <croo_> it's not in the AD then ... look in the org.compiere.apps package of client subproject ... AMenu
[11:50] <josephnexus> and since i don't know java
[11:50] <josephnexus> i'm doooooooooomed
[11:50] <croo_> well you can add new performance goals without changing code!
[11:51] <josephnexus> that is good enough
[11:51] <josephnexus> but i have 3 questions...
[11:51] <josephnexus> first... how do i add that to the various users
[11:51] <josephnexus> second... can I have a different one for each user
[11:51] <josephnexus> third... can I do the previous two questions without knowing java?
[11:52] <croo_> the dials displayed are defined in the performance analysis-> Performance measurement ->performance goals
[11:53] <croo_> the goals are definable by user or role so yes to 1 and 2
[11:53] <croo_> you add a performance goal to a role or user and it will appear when they log in
[11:54] <croo_> the performance goals will require you to know what in the DB you wish to monitor and it's defined in SQL
[11:55] <croo_> but look at the existing examples from gardenworld in the "performance measurement" menu
[11:56] <croo_> which is in the performance analysis menu
[11:57] <croo_> ALSO, in the System Admin->organiisation rules menu
[11:58] <croo_> is the dashboard COntent Edit
[11:58] <josephnexus> under the system role?
[11:59] <croo_> which allows you to add text to the main dashboard
[11:59] <croo_> i'm looking with GardenAdmin
[11:59] <josephnexus> because we're gonna have performace for warehousing
[12:00] <josephnexus> as well as sales
[12:00] <josephnexus> and trouble tickets
[12:00] <josephnexus> and repair times
[12:00] <josephnexus> all sorts of stuff
[12:00] <josephnexus> that each person will get reports on
[12:00] <croo_> yeah well it's doable per role/user .. not sure what impact it might have on performance!?
[12:00] <croo_> depends on the sql selects that are occuring of course
[12:01] <croo_> not sure if it's meant for a realtime status indicator though
[12:02] <croo_> but in theory you can do it

[12:04] <croo_> josephnexus, I was going to say the dashboard part is organisation wide rather than user/role based
[12:05] <croo_> but there is a patch to make it user/role based but I don't think it has been applied yet
[12:07] <croo_> so just in case I confused you ... the goals (the dials on the left) are per user/role but the dashboard on right is general

1.2 Adempiere vectorized logo

IRC Feb 28, 2008

[08:41] <nwessel> rvergara: I am searching for a vectorized version of the adempiere logo
[08:41] <nwessel> do you know where I can get it?
[08:42] <croo_> I think in the wiki norbert
[08:45] <croo_> nwessel, a svg format file is that what you need?
[08:45] <nwessel> right12
[08:45] <nwessel> http://www.adempiere.com/wiki/index.php/Logos
[08:45] <croo_> you found it?
[08:45] <nwessel> found it
[08:45] <nwessel> did not know that is was available as svg

1.3 Postgres without PL/Java

IRC Feb 28, 2008

[08:46] <karsten_thiemann> hi, I finnished the task http://sourceforge.net/tracker/index.php?func=detail&aid=1840219&group_id=176962&atid=879335
[08:46] <karsten_thiemann> at least for the standard functions (not the libero stuff)
[08:46] <karsten_thiemann> so if somebody is willing to test them I would be very happy :)
[08:47] <karsten_thiemann> of course I did some basic testing
[08:47] <karsten_thiemann> it should be possible to run adempiere (trunk) on postgresql without pl/java now
[08:48] <josephnexus> i am willing to test, I don't know everything to test though
[08:48] <croo_> well done karsten! I can try but it'll take me a while... I used postgres 7.x for a bit befoe I started with compiere .. but have done nothing since
[08:48] <josephnexus> currently i'm running adempiere + postgresql +pljava
[08:48] <josephnexus> on my server
[08:48] <josephnexus> but I can throw a vm onto my desktop and run it without
[08:48] <karsten_thiemann> 'just' download all functions and apply them to pg database
[08:49] <croo_> what did you do about ad_months? when you mentioned it I started looking and found http://grokbase.com/topic/1998/05/30/trouble-with-dates/A0_z-APID3-X6WwKOHWNjj8DTNE
[08:49] <croo_> but it did work for me
[08:49] <josephnexus> ok... i'll see if I can start testing soon
[08:49] <josephnexus> prolly tomorrow or saturday
[08:49] <karsten_thiemann> if you check the functions of the adempiere db there should be no java function left
[08:49] <croo_> sorry did not work for me
[08:50] <croo_> are the functions all in the trunk? so just sync or download from the tracker?
[08:50] <karsten_thiemann> hmm - worked with my version
[08:51] <croo_> probably just me :)
[08:51] <karsten_thiemann> no - download from the tracker - sorry about that but I think there should be some testing before going to trunk...
[09:01] <MCalderon> I comes suitable for us because we want to switch to PG, but somehow th pljava has put us off
[09:01] <karsten_thiemann> it's fine for me - I just wanted to finish the task
[09:01] <MCalderon> karsten_thiemann: hallo Karsten. Was it hard to implement?
[09:02] <karsten_thiemann> yes, there is some demand for adempiere with pg but without pl/java
[09:02] <MCalderon> did you transcribe functions?
[09:02] <karsten_thiemann> not really because oracle pl/sql (we use it for oracle xe) and pl/pgsql are quite similar
[09:02] <karsten_thiemann> so after 4 or 5 functions you know the differences
[09:03] <MCalderon> will it have any speed impact?
[09:04] <karsten_thiemann> but some tasks where complicated - the date functions are different and oracle has fine functionality to handle trees - for pg I had to create some recursive functions for that
[09:04] <MCalderon> I mean, is PG without pljava faster?
[09:04] <karsten_thiemann> MCalderon, it should be much faster
[09:04] <karsten_thiemann> yes it is - at least for some of the functions
[09:04] <karsten_thiemann> we had a bugreport - let me search it
[09:06] <karsten_thiemann> http://sourceforge.net/tracker/index.php?func=detail&aid=1836705&group_id=176962&atid=879332
[09:08] <MCalderon> karsen_thiemann: so we only need to install PG, run your scripts and we can test Adempiere?
[09:11] <karsten_thiemann> yes
[09:12] <karsten_thiemann> but first look at the functions in pg (with pgAdmin III for example) - there should be no function left with a definition like
[09:12] <karsten_thiemann> CREATE OR REPLACE FUNCTION adempiereproperties()
[09:12] <karsten_thiemann> RETURNS character varying AS
[09:12] <karsten_thiemann> 'org.compiere.sqlj.Adempiere.getProperties()'
[09:12] <karsten_thiemann> LANGUAGE 'java' VOLATILE;
[09:12] <karsten_thiemann> exept the adempiere...() functions which are no longer used
[09:13] <MCalderon> should I delete such funtions? or re-write them?
[09:17] <karsten_thiemann> you can delete the adempierexx() functions
[09:18] <karsten_thiemann> if you find any other function than I just forgot to convert them (or forgot to post them)

[09:18] <karsten_thiemann> then please comment it on the tracker
[09:19] <MCalderon> karsten_Thiemann: OK Karsten. This is a great achievement. I mean, I am not scared of DB installation, but pljava was always like a ghost hovering over PD installation.
[09:20] <karsten_thiemann> yes, main problem is that sometimes it works but sometimes not - and you'll never know why...
[09:21] <MCalderon> no I will be more confident when attempting switching to PG. Our first clients are with Oracle, but PG is needed to be truly OS.

[10:06] <croo_> mario did you try loading karstens pgsql scripts?
[10:08] <croo_> ok - i just have a little dilemma ... probably just not thinking it through
[10:08] <croo_> I like you was reluctant to work with pl/java
[10:08] <croo_> but the dilemma is
[10:08] <croo_> I when I try to load the seed db the views fails because the pl/java functions cannot be defined
[10:09] <croo_> when I apply the new functions there are they but because lots of the views are not I cannot use the app
[10:09] <croo_> so I need to install pl/java
[10:09] <MCalderon> but those are the functions supposed to be replaced?
[10:09] <croo_> load the seed
[10:09] <croo_> apply the new scripts
[10:09] <croo_> AND THEN I can drop pl/java :)
[10:10] <MCalderon> oh dear, so we MUST install pljava to get rid of it!
[10:10] <croo_> a bit of a chick and egg .. or maybe I'm just not understanding something :)
[10:10] <croo_> I missed karsten this morning so I couldn't ask him
[10:11] <croo_> maybe there is a trick to doing it? so I thought maybe if you ha drun into it you might know ... no problems
[10:17] <muthah> actualy croo_ you can
[10:18] <muthah> if you dont worry abbout the errors
[10:18] <croo_> yeah I just ignored the errors
[10:19] <croo_> but I found then I was missing lots of views which failed because the functions based on pl/java failed
[10:19] <muthah> anyway after all the pl/java functions are only used in materials movement
[10:19] <MCalderon> what if youupload this DB as another seed?
[10:20] <croo_> yeah but karsten actaully rewrote all the functions in pgsql pl
[10:20] <muthah> croo_, after ignoring all the errors was you database populated with tables
[10:20] <croo_> hmmm .. now I'm wondering how this wasn't an issue with XE?
[10:21] <croo_> yes table are there with data and some views
[10:21] <MCalderon> excuse me for my ignorance, but what is "pgsql pl"? like pl/sql in Oracle?
[10:21] <croo_> I made that up ... :) postgres equivalent of PL/SQL
[10:21] <croo_> pl=procedure language
[10:22] <croo_> I guess ... I could just use reload all the views again .. they are in the db directory aren't they?
[10:23] <muthah> hmm I need to investigate that
[10:25] <croo_> yes all the pg views are in the ddlutils dir db/ddlutils/postgresql/views
[10:26] <croo_> I can try recreating all the views again now that I have applied karstens new functions
[10:26] <muthah> what the sf address to karsten pl/sql views
[10:27] <croo_> he just uploaded them to the fr ... give me a little while to find it
[10:29] <croo_> https://sourceforge.net/tracker/?func=detail&atid=879335&aid=1840219&group_id=176962
[10:29] <croo_> he said there was a very big performance improvement by migrating!
[10:30] <croo_> of course as carlos points out in other threads (the db2 one I think) it rasies a potential nightmare in keeping everything in sync
[10:34] <muthah> yes i remeber whe he ported them
[10:35] <muthah> they improvement is very noticable especially if you have many products
[10:36] <muthah> I beleive that it is better to have view for each platform written using the best pl language that the db offers

1.4 Minor bug? in trunk

Bazaar Open Discussion

By: dellph (dellph) - 2008-02-27 15:49
I have updated my source in the trunk. I notice there is a new field in AD_System. LastBuildInfo and IsFailOnBuildDiffer and LastBuildInfo field is check in isBuildOK. it will be check if LastBuildInfo = buildClient but unfortunately LastBuildInfo is null so i get and error. maybe LastBuildInfo should have a default value when this is created in the migration script. I notice buildClient value is ADempiere. so i think LastBuildInfo default value is ADempiere. Can someone confirm this?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-27 18:53
just confirmed with latest trunk and LastBuildInfo=NULL, there is no problem, just a warning showing:
-----------> DB.isBuildOK: Build Version Error

The program assumes build version ADempiere, but database has build version null.
This is likely to cause hard to fix errors.
Please contact administrator.

This is the expected behavior, a warning when AD_System.IsFailOnBuildDiffer=N
A stopper error when AD_System.IsFailOnBuildDiffer=Y

BTW, the proper way to update LastBuildInfo is running on server $ADEMPIERE_HOME/utils/RUN_SignDatabaseBuild.sh

This is automatically run on build, import or restore.

1.5 going to code in ADempiere

Bazaar Open Discussion

By: kelv (wrath_kelv) - 2008-02-28 01:37
i just wanna know how can i get to the code of ADempiere. Is there any manual regarding these?

By: Mark Ostermann (mark_o) - 2008-02-28 01:52
take a look at the ADempiere Wiki http://www.adempiere.com/wiki/index.php/ADempiere . There you find the Information you need. Here are two pages you probably want to start with:

http://www.adempiere.com/wiki/index.php/Check_out_from_SVN_Server
http://www.adempiere.com/wiki/index.php/Create_your_ADempiere_development_environment

1.6 WebUI and Zimbra idea

Bazaar Projects

By: Joel Stangeland (jssolutions) - 2008-01-28 12:12
I've been evaluating Zimbra for a client with heavy need for collaboration tools. What I saw gave me some wild ideas. Check these out:

http://www.zimbra.com/demos/zimbra_salesforce.html

http://www.zimbra.com/demos/zimbra_zimlets.html

At the first level, it seems obvious, We Need ADempiere Zimlets! It's just too cool.

But now the crazy... We've been looking at starting from scratch for a webUI. The most progress is with ZK, but that has had very little buy in from the community outside Posterita and Idalica. Victor has been looking at GWT, and will be investing heavily.

But what if we leveraged the Zimbra work to build the Adempiere AjaxUI? Check out the framework whitepaper:
http://files.zimbra.com/website/docs/Zimbra%20AJAX%20TK%20Whitepaper.pdf

Zimbra works nicely, solidly, and has a powerful, useful, attractive interface. They've done a lot to build a business friendly application. Imagine the power we would gain for Adempiere if it were closely coupled with email, messaging, collaboration, and document management? Not to mention the exposure to the Zimbra user base!

The conceptual value of the proposal is clear, so now what about the technical aspects? Is there technical merit to what Zimbra has done? Is it a framework we could leverage? I'm especially hoping Trifon, Victor, Fred, and Heng Sin will weigh in on the potential, due to their Web and XML experience. Would the community support the approach and work together?

Thanks for thinking about this, IMO it's the coolest thing I've seen for a while, and if we could combine the UI/collaboration/zimlet tools with the AD.... wow

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-28 13:12
Very interesting!
I have researched Zimbra in the past but what i see now is very big advance.
I would really enjoy to work on such tasks.
As a first step i think that we could try to develop Adempiere Zimlet.
After that if experience is positive we could move to more tight integration and leverage Zimbra framework. I do not trust much to white papers and show cases. Only PoC could give real answers.

Framework uses XForms... So they have won 50 from my approval. Will read the whitepaper to find if other 50% would be positive or negative.

By: Red1 D. Oon (red1Project Admin) - 2008-01-28 16:19
zimbra is certainly a killer.. i watched the movies and read the whitepaper u linked. Certainly deserve more research as to the

feasibility of adoption approach as i m still not clear if this is a toolset by its own discipline of CMS Portal or has a piped dev kit for apps like us too.

I just want to touch abit bout the remark that ZK is not well bought in by the community. That seems to be true but there is a qualifying context to all of this. Let me jump rite in..

Such features are very complex. Now i say so cos it takes one whole company (Posterita) doing it in sweat and tears. This leads to the condition that seems to be the case if any such large scale contribution is to be done:

a) There must be a solid development team behind it
b) They must be well financed to do it
c) They must produce right up to well written up to date HowTos (of course Zimbra type of movies will be nice, but just some door opener kinds will do, as this is what screamers cried for all the time - how to start??!!!)

Now if we compare this to other effort such as Manufacturing, Payroll, Replication we will know that they will smack into the above abc conditions. And so voila! that is where the bazaar is supposed to come in. Now after more than a year, we began to learn how to use this thin stick into this long bow and pull back to shoot that mammoth, and i think we got it right thru the way e-Evolution does it.

A) e-Evolution is a company that has sweat and tears too assuming those are human latinos sitting behind those desks churning out those Libero codes.
B) It must have the same financing challenges assuming latinos eat in same quantities as Mauritians.
C) They must have a translation problem because we cant read spanish well in other parts of the world.

Moral of the story is Victor Perez exploited the bazaar well:
a) He not only published his wares, he stand by his stall day and nite with his little bells ringing them at passers by. He got a few starting with clumsy Tim.
b) He appears in talk shows ala IRC room to really spend long hours (i noticed) lobbying for buy in support.
c) He brought out all his wares in the open without alluding to any private repository. He even wants to barge his way into trunk.
d) He made no qualms nor complains about the sweaty palms and turnover of latinos crossing the border into california.

Moral of the story is i think some ppl got it and some ppl dont. This is what i told ppl that meet me from day one about going open source. You were party to the conversation we had with posterita.
1) U have to be 100% not 99.999%
2) U have to have faith in the karma of the bazaar. What goes around comes around.
4) If u dont give it away others will (should not be even the calculated risk u take).
5) U have to give it and be done with it not even hoping for recompense

There are many many issues of software development and this is all tackled in the Cathedral and the Bazaar story. I m just extending the thesis to also cover Bazaar development (!!).

I see the same with Carlos (sorry for generalising but u have to if u wana make a point shorter than it already is), he has a very small company that helps him to produce contributions as fast as lightning. Now we see the same blitzkrieg from Germany such as Metas. This is wonderful as i began to take hold of myself in this context and now am building a company to contribute! I push all my polynesians desperados into the sea from here. They re still swimming. Soon i hope to be a major contender to e-Evolution and Metas, also QSS.

We drink the same soup. Contribute and brand yourself, makes savings, enlist more helpers, friends, sub-contributors, committers, testers, but most importantly supporters.

Its unlike the presidential campaign going on at this moment in your country. I love watching those debates. They re all so good. How the hell u guys choose between them??!!!

By: Red1 D. Oon (red1Project Admin) - 2008-01-28 16:40
errata: i i meant to say it is NOT unlike the presidential campaign going on (in USA). They bring out all the stops just to get one more vote. They re all so good. Barack is too young but so are the voters. How would Hilary and her very capable supporter ex-White House occupant - Bill counter? They are. I know they are. I know Bill. I know she will win.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-29 14:21

I finished my research.
AjaxTK has good features.

But i think that weak side is:
- small community base.
- few examples.
- lot of java script.

We will have to invest in internal research and education i.e increase our know-how.

I think that AjaxTk and Zimplets deserve to be researched and PoC to be developed.

1.7 Integrate Payroll with 3rd party HR system

Bazaar Projects

By: Aziah (nor07) - 2008-01-30 01:22
I have this project whereby the client wants the Payroll component in Adempiere to be integrated with their existing HR system. I'm assessing a few integration techniques such as batch transfer and real-time connection. As I'm not familiar with the Adempiere Payroll component, I'm wondering what inputs the Payroll component need from the HR system. Among the inputs that I can think of are:

- employee details (Name, number, etc)
- basic salary
- allowance
- bonus
- number of annual leaves taken
- overtime payment
- Tax deduction, etc

which seems to be needed only once a month. Are there any other inputs needed from the HR system. And what are the outputs of the payroll component to the HR system or any data that can be queried by the HR system from the payroll component.

1.8 The University Project - A pratical approach

Bazaar Projects

By: Red1 D. Oon (red1Project Admin) - 2008-01-27 16:39

I am writing here a conceptual idea of how to approach a real practical chance to form this dream university that is committed to produce OS greats. Or at least a generation of them.

I say practical because it so happens that there is this huge project that does half of what i am dreaming of:

1) Take unemployed IT/Business graduates
2) Train them to upkeep websites and portals
3) Take clients' money that has poor websites and not well kept.
4) Pay themselves to do (2)
5) Go back to (1)

They already started and are having thousands of graduates over 6 years and paid millions.

The concept idea to them would be:

1) Let me take a sample of your graduates
2) Train a batch of 20 of them each month to use the bazaar culture
3) Select 3 of each batch with potential to learn ADempiere and lead the whole group
4) Use them to work as apprentices in ADempiere projects worldwide
5) Implement ADempiere in your organisation to run this project
6) Bring in star developers of the ADempiere Bazaar to lecture and motivate these graduates
7) Send top graduates worldwide for study tour

8) Our company will maintain all this with a minimal ongoing reviewable 5 yr budget from your project's income
9) Grow this to an independent ADempiere University to maintain a sustainable eco-system for ADempiere and the future graduates.

Below is the proposed learning curriculum:

Month 1
Smart Partnership with
Open Source Culture

BAZAAR Culture
FORUM etiquette
PEER relations
BRANDING
FOCUS
MICRO-ISV BUILDING

Month 2 – Track A
Setting up Business
Applications of High
Commercial Value
ADEMPIERE ERP/CRM
LIBERO for SMIs
POSTERITA - WebStores

Month 2 - Track B – Suject Matter

Know how of product
Supply Chain Concept
Document Workflow
Reporting Intelligence
End-User Management

Month 3 - Involvement
Apprentice to active developers & business
Assist in documentation and client handling
Visibility through Sourceforge forums
Build self esteem and confidence

Month 4 – Innovation

Tasks and Bug Tracking
Building IP equity
Focus Profile
Synergistic Reputation

Month 5 – Inspiration

Building Merit in Bazaar
Getting Worldwide Credit
Positioning for Profit
Working on Live Projects

(to be cot'd)
p/s i m using the Business & Marketing forum here because it has great B & M importance to our project, but in a benevolent approach instead of straight hard sell. There are parties who love this but lack the determined focus (so whats new?) I kept wishing and banging on doors. This time one more door comes half open.

Iforgot which sub forum i posted on! This is the Projects Forum, not Business and Marketing.

Ah well...since i m back, here is the proposed working schedule for the apprentice batch:

1) Half day seminar to explain to the apprentices the whole concept
2) Invite volunteers as we need only 20. They must be pre-qualified with:
a) Willingness to use english in all communication
b) Willingness to publish in the forums their project work
>One private for their clients' work
>The ADempiere Bazaar for the apprenticeship

3) Batch register themselves in IRC, SF, Wiki
>Have to be organised so workshops has to be carried out to train on etiquette and culture
>Has to find something meaningful to do, so again workshops to plan tasks such as wiki editing, documentation, testing and website upkeep work

4) Since main task is ongoing clientile work, they select short term 2 weeks long tasks. Selected top apprentices about 3 each batch continue to be batch leaders and motivate the previous batches to continue the culture.

5) Selected 3 of each batch undergoes intensive on the job assignments:
a) Assist in the present Adempiere installation proposed for this organisation
b) Assign themselves to mentors worldwide via the web.

6) After one year (the parent project is a 3 yr duration for each grad) they take on more progressive ADempiere projects
a) More clients began to adopt what they know thru these apprentices
b) Associated marketing to promote the demand for such apprentices
c) Their know-how now allows them to be more independently employed - one of the main objectives of the parent project.

The parent project can then conduct:
1) Roadshow to demonstrate the success of its own project in bringing new skillsets to the nation
2) Seminars to attract more SMEs to use ADempiere
3) Incubation for their apprentrices to be absorbed to potential SME employrs or as independent micro ISVs.

again.. (to be cont'd)

By: Aziah (nor07) - 2008-01-30 00:46
It's a big ambition, achievable, though not 100%. But what matters is not the success, it's our effort towards the success.

The purpose of the project is to produce entrepreneurs. What are the knowledge or experience to be exposed?

1) Some knowledge skill set, for example here using Adempiere specifically, and developing ERP system generally.

2) Communication skill - ability to communicate orally and in writing, strictly in English, as it is a global language

3) Management - manage workload, human resource and projects

4) Leadership - to identify and polish the capabilities

5) Self-awareness and initiative - to encourage self understanding and self development.

6) Branding and marketing - communicate and mix around with the global communities and form self unique identity. May be this should includes how to make a project deal.

As for suggestion on activities to be included in the training are as follows:

1. Seminar
2. Workshop
3. Quiz and test
4. Game
5. Online Forum contest
6. Live projects

The details will be further discussed.

By: Allan Howard (ar_howard) - 2008-02-03 05:10
We are taking a different approach by partnering with a local university and offering final year student projects, see http://www.griffith.edu.au/industrial-affiliates-program

Students undertake this course with support from the university and the sponsoring industry partner. The student gets to gain real world experience, the industry partner gets a new graduate to assist (and possibly future employees) and the university gets to showcase the quality of their students.

In our case we are running 2 projects, one of which will involve looking at the Adempiere framework and seeing if it can support Call Centre agent scripting functionality that we plan to add into Adempiere.

The program runs March-June, 2 days per week so perhaps you would like to see how this approach also works.

By: Red1 D. Oon (red1Project Admin) - 2008-02-03 15:11
Indeed, such a themed approach with an eye on the next generation smacks right in the academic frontier. I recently read "Rice and Chips", by Denis Posados (Philippines) a Technopreneurship for VC kind of book where it speaks of the academic institutions playing a vital role (Stanford - Silicon Valley, MIT - Route 128, Boston), they are not just bragging rights, but a sure path as knowledge exemplifies itself best through real sweat.

It is very vital that we exlore this same path, and we are encouraged by the right showing from around the globe in this respect. Starting with Sydney U, sizing ADempiere on DB2 run boxes, to Cebu Development Foundation for IT, setting up bridging courses and conferences, to BYU for Technical Writing, we welcome your fraternity into the fray.

We look forward to learn from the shared experience, for all that its worth.

1.9 Exporting Purchae Order with 2Pack

Bazaar Projects

By: ama (ama71) - 2008-01-28 03:22
I have created some purchase order and want to export them in XML using Application Packaging. I filled in all the files in "Export Package" and "Package Details" and exported the package. The exported XML does not contain data, which I gave in the system to make different purchase orders.

One thing to mention, the package was empty and I used table as a type in the "Package detail". Is the type right?

Please tell me, if something, I am missing.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-28 07:30
Hi ama71, I think you need "Data" for what you're trying to do.

By: ama (ama71) - 2008-01-28 23:49
data is already there. Because I made some purchase order before exporting them.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-29 06:48
Sorry, what I meant is you must use the "Data" instead of "Table" when defining the package details in PackOut.

By: ama (ama71) - 2008-01-29 07:56
I used "Data" and it looks better. Now it shows the fields of the "export package".

I think, I also have to supply a SQL statement. When I write !select * from adempiere.c_order;". It shows all the columns of the table "c_order". How can I export all the purchase orders, please?

By: Flowers (laydasalasc) - 2008-01-29 08:30

You can export just the purchase orders setting the condition in query: WHERE ISSOTRX= 'N'.

ISSOTRX = 'Y' meaning Sales Orders
ISSOTRX = 'N' meaning Purchase Orders
Layda Salas - globalqss
http://globalqss.com

By: ama (ama71) - 2008-01-29 08:59
I used the following statement

select * from adempiere.c_order where ISSOTRX='N';

But it did not work. I think, the statement must be corrected or?

By: Flowers (laydasalasc) - 2008-01-29 12:26
Could you please tell me the error shown. The Query seems good.
Is not recommend use the schema, but thus should run.

By: ama (ama71) - 2008-01-30 00:25
I don't get any error, but the xml file does not include the purchase order information. It missis information like: supplier and buyer information, which product has been ordered, where should it be shipped to and so son. Following is the XML file, I got from the PackOut.


```
## Beginn of XML file
<?xml version="1.0" encoding="ISO-8859-1"?>
<adempiereAD
Name = "TestPackage"
Version = "0.01"
CompVer = "all"
DataBase = "2008"
Description = "lets c, wat it gives out"
creator = "a_alam@web.de"
creatorcontact = "a_alam@web.de"
createddate = "2008-01-28 10:58:56"
updateddate = "2008-01-28 11:45:14"
PackOutVer = "005">
<data>
<dtable name = "C_Order">
<drow
key1name = "C_Order_ID"
lookupkey1name = "101"
name = ""
key2name = ""
lookupkey2name = "">
<dcolumn
name = "C_Order_ID"
class = "ID"
value = "101"/>
<dcolumn
name = "AD_Client_ID"
class = "Table Direct"
value = "11"/>
<dcolumn
name = "AD_Org_ID"
class = "Table Direct"
value = "11"/>
<dcolumn
name = "IsActive"
class = "Yes-No"
value = "Y"/>
<dcolumn
name = "IsSOTrx"
class = "Yes-No"
value = "Y"/>
<dcolumn
name = "DocumentNo"
class = "String"
value = "80001"/>
<dcolumn
```

```
name = "DocStatus"
class = "List"
value = "CO"/>
<dcolumn
name = "DocAction"
class = "Button"
value = "--"/>
<dcolumn
name = "Processing"
class = "Button"
value = "N"/>
<dcolumn
name = "Processed"
class = "Yes-No"
value = "Y"/>
<dcolumn
name = "C_DocType_ID"
class = "Table Direct"
value = "135"/>
<dcolumn
name = "C_DocTypeTarget_ID"
class = "Table"
value = "135"/>
<dcolumn
name = "Description"
class = "Text"
value = "(2)"/>
<dcolumn
name = "IsApproved"
class = "Yes-No"
value = "Y"/>
.......
.......
</drow>
</dtable>
</data>
</adempiereAD>
```


By: Red1 D. Oon (red1Project Admin) - 2008-02-11 20:28
I will try to debug this. Meanwhile after you exported the POs, what are you going to do about them? Do u import them back at different server? I want to compare notes on what can be done well with 2Pack.

I think it is missing the C_OrderLine table info? Your PO is only at the C_Order level. POs is a master-detail affair using both C_Order and C_Oderline tables joined via C_Order_ID. Can u try to do it again with such join stmt?

1.10 ADempiere Documentation Project

Bazaar Projects

By: mario_cal (mar_cal_westf) - 2008-01-17 06:34
with great joy I learnt in the IRC that a group of professors at the Brigham Young University of Idaho have started a documentation project of ADempiere (see http://www.adempiere.com/wiki/index.php/User:Npsglobal).

They have already talked to Redhuan and Joseph (josephnexus in the IRC) and as this important step has almost gone under in our Bazaar -as often happens in bazaars- I would like to announce it here so the project gets more attention.

Jim, Murray and Terry are professionals who can give Adempiere a quantum leap in documentation. They have set up a pdf document where they describe the project (http://www.adempiere.com/wiki/images/6/69/ADempiere_Doc_Project.pdf).

Thus, I warmly invite the ADempiere community to contact, support and cooperate with Jim, Murray and Terry in order to achieve this highly needed goal. For community members interested, mails can be sent to npsglobal_at_gmail.com .

By: Red1 D. Oon (red1Project Admin) - 2008-01-19 16:05
You would be the most ideal position from Middle America! Besides that, BYU is focused on a very peculiar core strategic positioning and among which is this multi lingual envirionment which happens to be yours too - German and Spanish!
(side note - i did not announce their arrival, always leaving to others to do so at their own pace, but ah well, you did them the opportuned honour :-) .. no worries,.. thats the bazaar.. Joe left them with plenty of good advice and contact numbers of

suppliers of strong sun shades and flame-proof jackets - !!!??)

By: nwessel (nwessel) - 2008-01-25 09:13
at the german localization conference we set up a project for creating the german user manual.

I'm responsible for organizing the creation and want to inform you that we are working on the same task in a different language. Here is some info in german: http://www.adempiere.com/wiki/index.php/Benutzerhandbuch

I do see our documentation project below yours as you are running it on global level.
We should discuss how to set up a documentation structure that allows to work on the same manual in different languages and how to get the volunteers up and running as soon as possible.

Looking forward to work with you on the documentation.

By: mario_cal (mar_cal_westf) - 2008-01-25 10:34
There is another German company interested in this project. Jens Pfeiffer wrote me yesterday. Perhaps you know him and you both can join efforts.

The BYU professors want to meet tomorrow Saturday the 26th at 18:00 hours (30 minutes academic accuracy) German time to set up the project. Joseph Brower and myself will attend to the conference. It is not clear whether via IRC (my favorite), skype or whatever. Jens Pfeiffer and you (now) are also invited to the constitution of the project.

If you can't attend, please do tell us so we can arrange an alternative meeting. Due to the time restrictions of the professors (lectures all day), their preferable time is during the week around 6-8 pm Idaho time (i.e. 2-4 am in Germany). Therefore we should meet on a Saturday, at least for the project setup. If not tomorrow, maybe the next one.

By: jmp (jmpiloq) - 2008-01-25 11:39
yes, Norbert an I know of each other. We had our german gathering this week in Nuremberg, and one of the main tasks emerging was actually getting a comprehensive user documentation out of the door.

So, we are happy to join in to make this happen. 18pm MEZ is fine for me tomorrow. I need some advice on how to use IRC, never used it so far... :-)

By: mario_cal (mar_cal_westf) - 2008-01-25 17:06
Hi Jens,
look at the Adempiere Wiki, section "The Wealthy Bazaar" how to join the IRC.

By: mario_cal (mar_cal_westf) - 2008-01-19 11:44
in order the team knows the requirements of the community, they have set up a Documentation Blueprint page on our wiki. Here´s the link: http://adempiere.com/wiki/index.php/Documentation_Blueprint .

Please feel free to write what you would expect from a documentation.

We are in the phase of building up a team that will do the documentation. You are warmly invited to join in. There is no need to be an Adempiere guru (though they are welcome, too): the mix of expert levels is a plus.

If someone of the Adempiere community feels like contributing to this project, just let us know in this channel, IRC or email (mario.calderon_at_westfalia-it.com).

By: Terry (npsglobal) - 2008-01-26 23:13
We have been reading with interest the discussion among you, Jens, and Norbert. We're pleased to learn that a German user manual is also in the works. We look forward to working together.

While we continue to work through the information-gathering phase, we have also been considering the advantages of various documentation tools--DocBook and OpenOffice, in particular. We read on the German documentation Wiki that the group is discussing the merits of LaTex v. DITA. Our doc tool-of-choice is OpenOffice.

We have also been reviewing some doc templates that we believe will make ADempiere accessible to the end-users (i.e., managerial types).

By: jmp (jmpiloq) - 2008-01-28 17:37

I hope, you managed to get your kick-off meeting started. I had some trouble to get my system understanding IRC and/or skype (still struggling...), so unfortunately I could not attend.
But I would like to put forward some things that are on my mind. Hopefully, they fit somewhere into your current state of discussion.

1. We merely touched on TeX/DITA/DocBook et al. in our german discussions. I even think, this is not so important to get documentation started in the first place. These are only different technical solutions for a problem that might arise later on in the process.
(My 2c anyway: OpenOffice is able to export DocBook, and with some help even DITA, so this should give us a decent editing tool to work with. The road then is open in all directions: (La)TeX, HTML, MS Help, PDF, you name it. And then we could use http://sourceforge.net/project/screenshots.php?group_id=188404 to access our repository.)

2. Structure of documentation
We need several categories of documents

- Glossary/List of Terms: This is to some extend also included/used in all the language files. At least, these two should match.
- Tutorial: Quick introduction to ERP with special regards to ADempiere.
- User Manual: Comprehensive description of ADempiere functionalities by area (business use case)
- Advanced Manual: How to modify Adempiere for special purposes: fields, tables, callouts, workflows, (advanced) import/export, integration with other systems
- Expert Manual: Internal architecture, class diagrams/object catalogue, packaging mechanism, APIs, development environment, etc.
The last one might not be that important for end users in the first place, so we might concentrate on the others.

3. Before getting started, we should have (written) answers to the following questions (per document):
- Who is the audience/reader?
- What is their objective?
- What should they know? Why?

4. Based on all this, it would be good practice to start with a Table of Contents for these documents.

By: Terry (npsglobal) - 2008-02-19 19:13
Just a short note reporting our progress here at NPS Global (i.e., Terry, Jim, and Murray). We continue to work on an interactive/instructional template for documentation. We anticipate having, toward the end of this month, something for interested parties to peruse and review. We're designing it with your collaboration in mind; your input on this first ADempiere documentation project (Accounting) will be invaluable.

The Three Amigos from Idaho

By: mario_cal (mar_cal_westf) - 2008-02-27 07:38
I talked to Joseph Brower yesterday at the IRC and suggested him to use the Compiere Manual as a basis, as well as the Spanish version written by Victor. Of course, being aware of not infringing any copyrights.

1.11 RED PEAR PLC gives away CivilWorks module

Bazaar Projects

By: Red1 D. Oon (red1Project Admin) - 2007-11-01 09:34
Some friends came out of the woodwork to support me with projects to sustain my open bazaar dream. I get my own chariot which i give the name Red Pear PLC (Malaysia).

Our chief mission now is to get get get ADempiere to all all all govt agencies in the country. My personal mission there is to give give give more source and informational value away to the community.

For a start, we are doing up on the http://www.adempiere.com/wiki/index.php/CivilWorks and begin 2Packing it into ADempiere latest version.

Other works in mind are:

1) Public Sector's Chart of Accounts
1.b) Budgetary Reporting

2) Sponsors of govt projects module (where sponsors are not purchased from as they give away either cash or goods to govt projects)

3) Opening Balance module (at the moment you post and post and post into the GL)

4) Correction of the Costing Engine way of Product Costing during Shipment/Invoice

5) Vehicles Maintenance Module

6) Graphical Map of Locators (with their inventory)

If there are still any profits at the end of our projects we shall sponsor bazaar contributor of the year to stay at our beach resort. At the moment i m looking for a company accountant who doesnt mind my non-existent business model.

By: Colin Rooney (crooProject Admin) - 2007-11-02 03:29
well done red1... that will keep you busy for a long while! :)

By: Paulo Emerique (pemeriqueSourceForge.net Subscriber) - 2008-02-27 10:58
After five years on Compiere/Adempiere bandwagon, we have been less involved on past year.

Now we're back, and this week we have gone live with our first Adempiere deployment.
We're talking to some companies looking for engineering services management solutions. Just checked trunk/contributions and coundn't find civilworks there. Is it possible to have this contribution sources now ?

We'd like to know more about OpenProj integration, what are the requirements, and how is it moving ?
http://www.esensesistemas.com.br
Curitiba / Brazil

1.12 CallOut.Help me!

Help

By: qtuan (qtuan) - 2008-01-16 18:07
In the window Sale Order.Value of Line Amount is multiplication bettwen Price and Quatity (Line Amount=Price* Quatity) .This solution is call some method from Adempiere but i want to customize or create new methods.How i do ?Please help me.

By: Red1 D. Oon (red1Project Admin) - 2008-01-16 23:14
I cannot help you with a fish because I do not have time at the moment. But you can help yourself by reading a tutorial on Callout here which is written to teach others to fish --> http://www.adempiere.com/wiki/index.php/Red1.org .. click on Callout.pdf

1.13 Import Product cannot generate relat Costs

Help

By: arc_f (arc_f) - 2007-09-25 03:15
In data import,wo can import product success,but when we come to the product costs window,you can find you cannt inpout the cost information in the input window,it could cause by the import product function,in that function ,the cost data is not insert.
Could everyone tell how to import product and in the same time ,generate relate costs information?

By: Ernest (eenriquez) - 2008-01-08 15:32
Canyou send me the table I_product for test the import process and see the result,

Tellme what version was used. and the reference and field type.

By: Armen (armenrz) - 2008-01-22 19:09

Here's a little trick

Put on your cost information into PO_Price column in import table.

After you import successfully, you can update table MCost (using SQL) from the PO_Price column.
Armen
Goodwill.co.id

1.14 Get Real Help From Howto Movies

Help

By: Red1 D. Oon (red1Project Admin) - 2008-01-23 22:38
Now you can dry your tears i mean fears away by just screaming, i mean watching movies. We have enough here
http://sourceforge.net/project/showfiles.php?group_id=176962&package_id=215056&release_id=471156

Needs Flash plugin for .exe

Needs winrar or sevenzip for .7z

Needs Windows Media Player for .avi

By: omid (omidp) - 2008-01-27 02:11
Thanx for your nice work but
can you make it from novice to professional
this is really for dummies (Adempiere for dummies)

By: Red1 D. Oon (red1Project Admin) - 2008-01-27 06:09
Thanks for your comment and feedback. I need to understand more from what u saying. Is it too advanced or too novice at the moment? Which ones are suitable and what further movies i can do?

I am making these example snapshots movies which is to give clearer fast ideas to newbies which may already know much but not sure where is where or what. It is not meant to be too comprehensive because it will take up so much file sizes. But same time these examples is to get more ideas from users. So pls suggest what further (short) titles i can do.

If u are saying this is fine and i need to continue making movies till it cover everything from here till complete scope of ERP implementation, well, that is my intention and i shall do them bit by bit and in the end compile them into a full DVD and get someone to distribute it physically to low bandwidth nations. So meanwhile i need to know if this is the right and needed concept from users.

By: omid (omidp) - 2008-01-27 06:55
I think creating movie is one of the best approach for learning adempiere
it makes learning easy

it is something between novice and professional (but this is fine)
you know i want to tell
for example you create a movie for purchase process (purchase order,receipt,invoice)
it is good
but you don't explain about basic data setup that use in purchase process
or you don't show all of purchase condition e.g automatic matching po - receipt -invoice

i think if you show concept to user then user can find better relation between modules
i offer continue making conceptual & sequentially movies

openbravo has a good example
http://wiki.openbravo.com/wiki/index.php/Little_setup_guide

By: Red1 D. Oon (red1Project Admin) - 2008-01-27 08:53
Thanks for your effort in feedback and showing appreciation. I will enjoy doing more movies that delivers the concepts of using our community ERP better and better. Do keep the ideas flowing.

1.15 Error when start

Help

By: cheehaab (aansyihab) - 2008-01-10 15:15
I am using Adempiere_331b
database postgresql-8.3-dev1
I am using Java jdk1.5.0_14
I am trying use adempiere in operating system Windows XP SP 2
but i got error when I "RUN_setup.bat"
Error like this:

setupCLib:
[jar] Building jar: D:\Adempiere\lib\AdempiereClib.jar
[echo] KeyStore=D:\Adempiere\keystore\mykeystore - Alias=adempiere
[signjar] Singning JAR: D:\Adempiere\lib\AdempiereClib.jar

BUILD FAILED
D:\Adempiere\build.xml:222: Execute failed: java.io.IOException: CreateProcess:
jarsigner.exe -keystore D:\Adempiere\keystore -storepass myPassword
D:\Adempiere\lib\AdempiereClib.jar adempiere error=2

Total time: 15 seconds

*** 2008-01-11 05:56:03.718 Adempiere Log <ClogConsole> ***
ErrorLevel = 1
****
Check the error messabe above.
****
Make sure that the environment is set correctly!
Set environment variable JAVA_HOME mannualy
or use WinEnv.js in the util directory
****
Press any key to continue . . .

By: mario_cal (mar_cal_westf) - 2008-01-10 19:12
it could be lots of things. Here what comes first to my mind:

- your database must be up and the listener too
- the application server must be down
- some variables must be set (ADEMPIERE_HOME, JAVA_HOME, etc)
- sometimes the zip files unpacks wrongly, so you have to unpack it again.
- changing the properties of all files under ADEMPIERE_HOME to be "rwx" helps sometimes

Maybe one of those helps.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-10 19:32
> D:\Adempiere\build.xml:222: Execute failed: java.io.IOException: CreateProcess:
> jarsigner.exe -keystore D:\Adempiere\keystore -storepass myPassword

Can the jarsigner be reached with your current path?

BTW - a warning about 8.3 - just received this message from pl/java dev list:

-------- Mensaje original --------
Asunto: Re: [Pljava-dev] [HACKERS] Pl/Java broken since Postgresql 8.3-rc1
Fecha: Thu, 10 Jan 2008 20:18:10 -0500 (EST)
De: Kris Jurka
Para: Jan Ischebeck
CC: pljava-dev pgfoundry org, pgsql-hackers postgresql org

On Thu, 10 Jan 2008, Jan Ischebeck wrote:

> 8.3beta3 and 4 have worked perfectly with the provided pljava ddl, just
> with 8.3-rc1 it doesn't work anymore.
>

8.3RC1 changed the function definition for SetUserId, so it pljava needs
some changes and a rebuild. Will fix.

Kris Jurka

____

Pljava-dev mailing list
Pljava-dev@pgfoundry.org
http://pgfoundry.org/mailman/listinfo/pljava-dev

So, if you're planning to use 8.3 please keep an eye on such thread.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-14 12:45
Hi, for interest of everybody running pl/java + postgres.
I haven't tested this - but according to the forwarded message if you apply latest security postgres release the pl/java will be broken:

-------- Mensaje original --------
Asunto: Re: [Pljava-dev] [HACKERS] Pl/Java broken since Postgresql 8.3-rc1
Fecha: Thu, 10 Jan 2008 23:19:21 -0500 (EST)
De: Kris Jurka
Para: Jan Ischebeck
CC: pljava-dev pgfoundry org, pgsql-hackers postgresql org

On Thu, 10 Jan 2008, Kris Jurka wrote:

> On Thu, 10 Jan 2008, Jan Ischebeck wrote:
>
>> 8.3beta3 and 4 have worked perfectly with the provided pljava ddl, just
>> with 8.3-rc1 it doesn't work anymore.
>>
>
> 8.3RC1 changed the function definition for SetUserId, so pljava needs
> some changes and a rebuild. Will fix.
>

Turns out it's not just 83RC1, but all of the security releases, which
will require different pljava packages for the patch versions before/after
the security changes. I've committed a fix to CVS for this, and I guess
I'll try to respin those this weekend and try to convince the windows
installer folks to include them in the next point release.

For the moment you can pull the pljava.dll from here and it should work
for you.

http://www.ejurka.com/pgsql/pljava/83rc1/

Kris Jurka

____

Pljava-dev mailing list
Pljava-dev@pgfoundry.org
http://pgfoundry.org/mailman/listinfo/pljava-dev

By: Tony Snook (tspc) - 2008-01-14 17:09
Thanks for the information.

I am running Fedora 7 linux and a few days ago I updated my system.
I checked and Postgresql was updated to 8.2.6 was which has the same problem.

Saved me a headache!!!

By: srikanth (srikanth_m) - 2008-01-28 04:03
Befor going to run "RUN_setup.bat", you need to set all relevent Environment variables(like JAVA_HOME,ADEMPIERE_HOME and set path for Postgresql)then run the bat file.while executing this bat file it will pop-up one window (Adempiere server setup).In that window you nee to spacify the home directories then save, it will create Adempiere icon on desktop.Still if you have any problem revert back with message.

1.16 Bounced cheque

Help

By: omid (omidp) - 2008-01-28 07:12
I want to know
does adempiere support Bounced cheque ?
A bounced cheque or RDI (returned deposit item) is a cheque that is returned to the depositing bank because the owner of the account in the issuing bank has insufficient funds to cover its value, has issued a stop payment on the cheque, or their account has been closed or is frozen/limited. In the United States, in some instances the writer can be charged with a criminal action but in my country cheque is on the fly until customer paid with cash or
vendor payee new cheque

1.17 Custom Resource Assignment

Help

By: Alvaro Montenegro (amontenegro) - 2008-01-29 13:08
I've been searching everywhere and tried some things myself, but I was not able to find a solution yet.

I would like to have the Resource Assignment field twice on the Sales Order header.

I've created a field called z_CustomAssignment, and I've set the reference to be Assignment.

It does display the calendar, it all works great. But I've noticed that, as I change the values there, the "Save Button" will not activate. So I've just added something to the description and saved. My new field is now empty, nothing got persisted to the C_Order.z_CustomAssignment, but the S_ResourceAssignment Table has the new values properly.

By: Red1 D. Oon (red1Project Admin) - 2008-01-29 16:49
Have u done GenerateModel to make a persistence object of your new field? I m not sure how the new ModelValidator works or also needs to in this case.

By: Alvaro Montenegro (amontenegro) - 2008-01-30 05:18
Yes, I have. But it did not work either.
I have even created a table called z_CustomAssignments, with all the fields identical to S_ResourceAssignment. After that I tried running GenerateModel to see if it would work. But it did not.

I'm starting to think that there's some kind of hardcoded value that points to the S_ResourceAssignment table when the Reference type is Assignment. But that's just a guess so far, I'm digging though the code.

By: karsten-thiemann (kthiemann) - 2008-01-30 05:27
if you create your own table you should either use a thre letter prefix or change the name to something like MyCustomAssignment because otherwise the resulting X_ and M classes have the same name as the original ADempiere classes.

So first step would be to just add the field to the original table and run the generateModel(). Then take a look at the generated code - you should find getter and setter methods for your new field.

By: Alvaro Montenegro (amontenegro) - 2008-01-30 06:31
The Generate Model worked properly, it did generate my new class and the getters and setters.

The problem was that the field of type Assignment, was not saving the selected value to the database.

As I suspected, this was a hardcoded value to the S_ResourceAssignment table, and with the help of "mgrigioni" we were able to find a solution to this problem.

The class VAssignment, on line 343 had this code :

```
fireVetoableChange("S_ResourceAssignment_ID", new Object(), getValue());
```

And we've changed this to :

```
fireVetoableChange(this.getName(), new Object(), getValue());
```

And now it works, as long as the new field you create is called "Someting"_ID

I'll post this as a Bug and suggest the fix, giving the proper credits to mgrigioni.

1.18 Cost Center

Help

By: omid (omidp) - 2008-01-30 10:31
as i know adempiere does not support cost center
i want to use it as a cost collector, as financial cost center concept is normally used
is there any alternate solution ?
or is there any module correspond to cost center ?

By: Heng Sin (hengsinProject Admin) - 2008-01-30 20:29
Adempiere support cost center using organization setup, have a look at the organization and organization type setup. Also, you might want to turn on the transact organization element in your accounting schema to handle this.

1.19 Store Attachments on File System

Help

By: Trevor Bloch (tbloch) - 2007-03-27 00:36
We use attachments on every transaction in Adempiere. I would like to store them on the file system but I just have a few questions.

1) If I tick the box to store attachments on the file system for my existing Client what happens to my existing attachments stored in the DB? Can I still access them? So I'll be able to access attachments stored in the DB and in the file system?
2) How are the attachments stored? Are they all put into a directory under Adempiere installation. Does this mean all attachments need unique names or does Adempiere change the attachment names and give them unique IDs?

By: karsten-thiemann (kthiemann) - 2007-03-27 00:49
1) No you can't. I will develop a process to convert existing attachments (db) into file system stored attachments but this development is suspended until the 3.2 version is finished.

2) The attachments are stored in a folder tree
ATTACHMENT_ROOT/CLIENT_ID/ORG_ID/TABLE_ID/RECORD_ID/filename. So you don't need unique names for your attachments and if you need you can restrict file access via the file system for your orgs and clients or even on a table (adempiere window) level.

More details: http://www.adempiere.com/wiki/index.php/Store_Attachments_In_File_System

So I would think that the best solution for you is to wait with your switch to file system storage until the attachment convert process is finished.

By: Trevor Bloch (tbloch) - 2008-02-07 06:35
Do you know if this conversion utility has made it into 3.3?

By: karsten-thiemann (kthiemann) - 2008-02-07 06:41
sorry for being so late... I had and have many (and for us more important) tasks on my todo list. So I don't know when I'll find some time to finish the conversion. But since it is not too complicated maybe somebody else can do it.

1.20 example for document value workflow process

Help

By: Henry Vu (coldbloodonline) - 2008-02-11 19:11
I researching the workflow and I want to find the example for document value workflow. Please help me. Thanks

By: Heng Sin (hengsinProject Admin) - 2008-02-11 19:17
You can find an example here - https://sourceforge.net/forum/message.php?msg_id=4197824

By: Henry Vu (coldbloodonline) - 2008-02-11 20:12
thanks, but your link is document process workflow type not document value workflow type.

And in your link, I do flow it, but when I run purchase order window and I have problem: I set total lines > 10 but when I run, total lines >500 (equal amount approve set in Roles window) the approval will be run.

1.21 Configuration for Remote Hosting

Help

By: maxjaramillo (maxjaramillo) - 2008-02-12 08:23
We have an Adempiere installation on a remote hosted server with the following configuration:

DESKTOP SYSTEM
MINI-TOWER w/ 250W PS
Gigabyte 8SIMLH W/ VGA & REALTEK LAN
P4 CELERON 1.7GHZ
1GB DDR
CPU FAN
SEAGATE 60GB ATA100 HDD

We are looking to learn about the community's experience with remote hosted Adempiere installations. We have approx. 40,000 BUSINESS PARTNERS to be accessed by some 30 users.

We continue to have connectivity problems [SLOW]. Has anybody faced similar configuration set-up? Besides a local hosting option, are there any other options for improving remote connectivity and robustness?

I know that the latest version of Adempiere will have a new WEBGUI - which hopefully will improve the connections. Currently we are using the PUTTY/Client option.

Any feedback?

1.22 how to create workflow on my module

Help

By: thangtd (thangtd) - 2008-02-12 02:23
I created two 2 tables name: Nation have column status (Y/N) and State have reference to nation in nation_id.
I want to creat workflow, if Nation have been insert had statu = Y, display form input State. Pls help me. thanks

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-12 10:13
my suggestion is you can do that without workflows:

- Define a window with two tabs
- first tab Nation
- second tab State - in DisplayLogic of this tab you can put "@Status@=Y"

By: Henry Vu (coldbloodonline) - 2008-02-12 20:52
>second tab State - in DisplayLogic of this tab you can put "@Status@=Y"
DisplayLogic set @Status@=Y, adempiere understand it belong to State table

1.23 ERROR In SALES ORDER

Help

By: mario_cal (mar_cal_westf) - 2008-02-13 10:05

we are working with:
- Suse Linux 10.3
- Oracle 10g
- Adempiere 331b - Revision 4545

Here's how we reproduce the error:
- We create several Sales Orders (about 10).
- When we push the "New" button to create a new Sales Order, the current window freezes not showing the new Sales Order window.

Maybe you can give it a watch and find something we should look at.

I attach the eclipse log in the PS.

TIA and best regards,
Mario Calderon

PS/
Eclipse console log

GridController.dynamicDisplay: MTab #0 Sales Order (1000232) - Rows=6202 [12]
10:20:13.217 Evaluator.evaluateLogicTuple: @IsDropShip@=Y => "N" = "Y" => false [12]
10:20:13.218 GridField.isEditable: M_Warehouse_ID R/O(@IsDropShip@=Y) => R/W-true [12]
10:20:13.219 Evaluator.evaluateLogicTuple: @OrderType@='SO' => "WI" = "SO" => false [12]
10:20:13.220 GridField.isDisplayed: InvoiceRule (@OrderType@='SO' | @OrderType@='WP') => false
:etc
:
10:20:13.259 CalloutOrder.start: bPartnerBill - Bill_BPartner_ID=null (old=null) {active=false} [12]
10:20:13.259 GridTab.processCallout: M_PriceList_ID=1000008 (org.compiere.model.CalloutOrder.priceList) - old=1000008 [12]
10:20:13.259 CalloutOrder.start: priceList - M_PriceList_ID=1000008 (old=1000008) {active=false} [12]
10:20:13.262 GridTab.setValue: IsTaxIncluded=false - Row=9 [12]
10:20:13.263 GridTable.dataSave: Row=9, Changed=9/true [12]
10:20:13.264 GridTable.setValueAt: r=9 c=50 = false (N) [12]
10:20:13.264 Env.setContext: Context(2) IsTaxIncluded==N [12]
10:20:13.264 GridTab.dataStatusChanged: #0 - DataStatusEvent - : +?0/6202 [12]
10:20:13.265 GridTab.fireDataStatusChanged: DataStatusEvent - : +?10/6202 [12]
10:20:13.265 APanel.dataStatusChanged: +?10/6202 [12]
10:20:13.273 GridTab.getTrxInfo: C_Order - 0 [12]
[WARNING] com.mchange.v2.resourcepool.BasicResourcePool$AcquireTask@81ec8a -- Acquisition Attempt Failed!!! Clearing pending acquires. While trying to acquire a needed new resource, we failed to succeed more than the maximum number of allowed acquisition attempts (2). Last acquisition attempt exception: java.sql.SQLException: Listener refused the connection with the following error:
ORA-12516, TNS:listener could not find available handler with matching protocol stack
The Connection descriptor used by the client was:
//vd-ss-db-01:1521/orcl
at oracle.jdbc.driver.DatabaseError.throwSqlException(DatabaseError.java:125)
at oracle.jdbc.driver.DatabaseError.throwSqlException(DatabaseError.java:280)
at oracle.jdbc.driver.T4CConnection.logon(T4CConnection.java:319)
at oracle.jdbc.driver.PhysicalConnection.<init>(PhysicalConnection.java:344)
at oracle.jdbc.driver.T4CConnection.<init>(T4CConnection.java:148)
at oracle.jdbc.driver.T4CDriverExtension.getConnection(T4CDriverExtension.java:32)
at oracle.jdbc.driver.OracleDriver.connect(OracleDriver.java:545)
at com.mchange.v2.c3p0.DriverManagerDataSource.getConnection(DriverManagerDataSource.java:134)
at com.mchange.v2.c3p0.WrapperConnectionPoolDataSource.getPooledConnection(WrapperConnectionPoolDataSource.java:182)
at com.mchange.v2.c3p0.WrapperConnectionPoolDataSource.getPooledConnection(WrapperConnectionPoolDataSource.java:171)

at
com.mchange.v2.c3p0.impl.C3P0PooledConnectionPool$1PooledConnectionResourcePoolManager.acquireResource(C3P0PooledConnectionPool.java:137)
at com.mchange.v2.resourcepool.BasicResourcePool.doAcquire(BasicResourcePool.java:1014)
at com.mchange.v2.resourcepool.BasicResourcePool.access$800(BasicResourcePool.java:32)
at com.mchange.v2.resourcepool.BasicResourcePool$AcquireTask.run(BasicResourcePool.java:1810)
at com.mchange.v2.async.ThreadPoolAsynchronousRunner$PoolThread.run(ThreadPoolAsynchronousRunner.java:547)

10:20:14.296 CPreparedStatement.executeQuery: server => CStatementVO[SELECT COUNT(*) AS Lines,c.ISO_Code,o.TotalLines,o.GrandTotal,currencyBase(o.GrandTotal,o.C_Currency_ID,o.DateAcct, o.AD_Client_ID,o.AD_Org_ID) AS ConvAmt FROM C_Order o INNER JOIN C_Currency c ON (o.C_Currency_ID=c.C_Currency_ID) INNER JOIN C_OrderLine l ON (o.C_Order_ID=l.C_Order_ID) WHERE o.C_Order_ID=? GROUP BY o.C_Currency_ID, c.ISO_Code, o.TotalLines, o.GrandTotal, o.DateAcct, o.AD_Client_ID, o.AD_Org_ID; #1=0], Remote=false [12]
java.sql.SQLException: Connections could not be acquired from the underlying database!
[WARNING] com.mchange.v2.resourcepool.BasicResourcePool$AcquireTask@1d095d5 -- Acquisition Attempt Failed!!! Clearing pending acquires. While trying to acquire a needed new resource, we failed to succeed more than the maximum number of allowed acquisition attempts (2). Last acquisition attempt exception: java.sql.SQLException: Listener refused the connection with the following error:
ORA-12516, TNS:listener could not find available handler with matching protocol stack
The Connection descriptor used by the client was:
//vd-ss-db-01:1521/orcl

at oracle.jdbc.driver.DatabaseError.throwSqlException(DatabaseError.java:125)
at oracle.jdbc.driver.DatabaseError.throwSqlException(DatabaseError.java:280)
at oracle.jdbc.driver.T4CConnection.logon(T4CConnection.java:319)
at oracle.jdbc.driver.PhysicalConnection.<init>(PhysicalConnection.java:344)
etc...........

By: mario_cal (mar_cal_westf) - 2008-02-13 11:55
Addendum: here is a further explanation of the error:

1- the error is reproducible when we repeat several times typing in first F2 (New Sales Order) and then Esc (Undo changes)
2- at first, the log in Eclipse console shows nothing remarkable (just the usual messages)
3- then, it starts showing some messages (in red) of the kind:
-----------> DB_Oracle.getCachedConnection: # Connections: 15 , # Busy Connections: 14 , # Idle Connections: 1 , # Orphaned Connections: 0 [12]
, mostly after Method calls like

13:32:58.755 MLookup.loadData: AD_Client.AD_Client_ID: start [12],
or
13:32:58.903 GridTab.getTrxInfo: C_Order - 0 [12]
or
13:33:00.828 VLookup.setValue: Bill_BPartner_ID=1000174 [12]
or
13:38:53.782 GridTable.createSelectSql: SELECT COUNT(*) FROM C_OrderLine WHERE 2=3 AND C_OrderLine.AD_Client_ID IN (0,1000001) AND C_OrderLine.C_OrderLine_ID NOT IN (SELECT Record_ID FROM AD_Private_Access WHERE AD_Table_ID = 260 AND AD_User_ID <> 100 AND IsActive = 'Y') [12]
(I think every time the DB is polled)

4- the last logs are

-----------> DB_Oracle.getCachedConnection: # Connections: 15 , # Busy Connections: 15 , # Idle Connections: 0 , # Orphaned Connections: 0 [12]
13:38:54.087 GridTab.setValue: IsTaxIncluded=false - Row=14 [12]
13:38:54.088 GridTable.dataSave: Row=14, Changed=14/true [12]
13:38:54.120 GridTable.setValueAt: r=14 c=58 = false (N) [12]
13:38:54.121 GridTab.dataStatusChanged: #0 - DataStatusEvent - : +?0/88 [12]
13:38:54.121 GridTab.fireDataStatusChanged: DataStatusEvent - : +?15/88 [12]
13:38:54.121 APanel.dataStatusChanged: +?15/88 [12]
13:38:54.136 GridTab.getTrxInfo: C_Order - 0 [12]
Here the old sales order is shown, the application freezes and only a kill can terminate it (or via Eclipse)

Perhaps has someone a hint where we can look at. I am going to consult our Oracle guru if there is a configuration issue.

By: mario_cal (mar_cal_westf) - 2008-02-13 18:20
Addendum 3:
I found the error. It came up with Revision 4422 (CalloutOrder.docType).
Please see the Bug entry 1893254 at
http://sourceforge.net/tracker/index.php?func=detail&aid=1893254&group_id=176962&atid=879332

1.24 Running Adempiere Server in Debug environment

Help

By: Grant Q (grantq) - 2008-02-09 05:32
I've got the ADempiere Client working in eclipse and now I'd like to be able to get the server side working. I'm not really sure of the best way to do this. I followed the guides on the wiki for getting the development environment set up.

I assume now that I need to get JBoss working in eclipse. I followed the guide (in German) for running JBoss in eclipse. However, there seems to be a missing link. How does one get the jar files from the build deloyed onto the JBoss server? Do you need to deploy the files manually by copying them to the appropriate directory or is there a way of doing it in eclipse?

By: Red1 D. Oon (red1Project Admin) - 2008-02-12 16:45
Usually i do a Remote Debug from Eclipse onto server-side jars/wars. After making changes i reckon u still have to run build and setup and then back to remote debug again. Remote Debug is only for debugging what is wrong, and i m not sure how to make edits and debug on the fly.

1.25 Fresh installation: Failed to create Java VM

Help

By: Dominik Strehlke (jastech) - 2008-02-19 03:11
I have a fresh adempiere installation
- Adempiere 330
- Debian Etch
- Postgres 8.1
- pl/java built from CVS

I experience this error with pl/java 1.4 as well:

The GardenWorld demo users produce the same error already while logging in. When I try to browse the product list, the error appears again and the product list stays empty. Same thing occurs if I create a new client and try to access products there. I'm posting the relevant trace here:

```
-------------------------------
12:02:55.218 CalloutOrder.start: priceList - M_PriceList_ID=101 (old=101) {active=false} [12]
12:02:55.343 APanel.dataStatusChanged: +*1/1 [12]
12:02:56.015 GridTab.navigateCurrent: Row=0 [12]
12:02:56.125 APanel.dataStatusChanged: +*1/1 [12]
12:02:56.281 APanel.initPanel: fini - java.awt.Dimension[width=902,height=771] [12]
12:02:58.718 APanel.actionPerformed: InfoProduct - 16 [11]
12:02:59.140 InfoProduct.<init>: WinNo=0 [11]
12:02:59.171 InfoProduct.<init>: , Wh=103, PL=101, WHERE= [11]
-----------> Msg.translate: NOT found: Vendor [11]
-----------> Msg.translate: NOT found: Vendor [11]
===========> InfoProduct.run: SELECT p.M_Product_ID, p.Discontinued, p.Value, p.Name, bomQtyAvailable(p.M_Product_ID,?,0) AS QtyAvailable,
bomPriceList(p.M_Product_ID, pr.M_PriceList_Version_ID) AS PriceList, bomPriceStd(p.M_Product_ID, pr.M_PriceList_Version_ID) AS PriceStd,
bomQtyOnHand(p.M_Product_ID,?,0) AS QtyOnHand, bomQtyReserved(p.M_Product_ID,?,0) AS QtyReserved, bomQtyOrdered(p.M_Product_ID,?,0) AS
QtyOrdered, (SELECT SUM(c.TargetQty) FROM M_InOutLineConfirm c INNER JOIN M_InOutLine il ON (c.M_InOutLine_ID=il.M_InOutLine_ID) INNER
JOIN M_InOut i ON (il.M_InOut_ID=i.M_InOut_ID) WHERE c.Processed='N' AND i.M_Warehouse_ID=? AND il.M_Product_ID=p.M_Product_ID) AS
QtyUnconfirmed, (SELECT SUM(c.TargetQty) FROM M_MovementLineConfirm c INNER JOIN M_MovementLine ml ON
(c.M_MovementLine_ID=ml.M_MovementLine_ID) INNER JOIN M_Locator l ON (ml.M_LocatorTo_ID=l.M_Locator_ID) WHERE c.Processed='N' AND
l.M_Warehouse_ID=? AND ml.M_Product_ID=p.M_Product_ID) AS QtyUnconfirmedMove, bomPriceStd(p.M_Product_ID, pr.M_PriceList_Version_ID)-
bomPriceLimit(p.M_Product_ID, pr.M_PriceList_Version_ID) AS Margin, bp.Name, bomPriceLimit(p.M_Product_ID, pr.M_PriceList_Version_ID) AS
PriceLimit, pa.IsInstanceAttribute FROM M_Product p LEFT OUTER JOIN M_ProductPrice pr ON (p.M_Product_ID=pr.M_Product_ID AND
pr.IsActive='Y') LEFT OUTER JOIN M_AttributeSet pa ON (p.M_AttributeSet_ID=pa.M_AttributeSet_ID) LEFT OUTER JOIN M_Product_PO ppo ON
(p.M_Product_ID=ppo.M_Product_ID) LEFT OUTER JOIN C_BPartner bp ON (ppo.C_BPartner_ID=bp.C_BPartner_ID) WHERE p.IsActive='Y' AND
p.IsSummary='N' AND pr.M_PriceList_Version_ID=? AND p.AD_Client_ID IN(0,11) AND p.AD_Org_ID IN(0,11,12) AND p.M_Product_ID NOT IN
( SELECT Record_ID FROM AD_Private_Access WHERE AD_Table_ID = 208 AND AD_User_ID <> 102 AND IsActive = 'Y' ) AND pa.M_AttributeSet_ID
NOT IN ( SELECT Record_ID FROM AD_Private_Access WHERE AD_Table_ID = 560 AND AD_User_ID <> 102 AND IsActive = 'Y' ) AND
bp.C_BPartner_ID NOT IN ( SELECT Record_ID FROM AD_Private_Access WHERE AD_Table_ID = 291 AND AD_User_ID <> 102 AND IsActive = 'Y' )
ORDER BY QtyAvailable DESC, Margin DESC [13]
org.postgresql.util.PSQLException: FEHLER: Failed to create Java VM; State=XX000; ErrorCode=0
at org.postgresql.core.v3.QueryExecutorImpl.receiveErrorResponse(QueryExecutorImpl.java:1592)
at org.postgresql.core.v3.QueryExecutorImpl.processResults(QueryExecutorImpl.java:1327)
at org.postgresql.core.v3.QueryExecutorImpl.execute(QueryExecutorImpl.java:192)
at org.postgresql.jdbc2.AbstractJdbc2Statement.execute(AbstractJdbc2Statement.java:451)
at org.postgresql.jdbc2.AbstractJdbc2Statement.executeWithFlags(AbstractJdbc2Statement.java:350)
at org.postgresql.jdbc2.AbstractJdbc2Statement.executeQuery(AbstractJdbc2Statement.java:254)
```

at sun.reflect.GeneratedMethodAccessor15.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
at java.lang.reflect.Method.invoke(Unknown Source)
at org.postgresql.ds.jdbc23.AbstractJdbc23PooledConnection$StatementHandler.invoke(AbstractJdbc23PooledConnection.java:477)
at $Proxy4.executeQuery(Unknown Source)
at org.compiere.util.CPreparedStatement.executeQuery(CPreparedStatement.java:113)
at org.compiere.apps.search.Info$Worker.run(Info.java:973)

LAN: Tunnel=false, Objects=false, Process=false

Schema = adempiere
User/Contact = GardenUser
Role = GardenWorld User
Client = GardenWorld
Organization = HQ
Date = 2008-02-19 00:00:00
Printer = HP LaserJet 4000 Series PS
Implementation Vendor = ${env.ADEMPIERE_VENDOR}
Implementation Version = ${env.ADEMPIERE_VERSION} 20080219-1124
AdempiereHome = \Adempiere
AdempiereProperties = D:\Dokumente und Einstellungen\Besitzer\Adempiere.properties
Language=[English,Locale=en_US,AD_Language=en_US,DatePattern=MM/DD/YYYY,DecimalPoint=true]
MClient[11-GardenWorld]
Multi Lingual Documents = false
BaseLanguage = true/true
Java HotSpot(TM) Client VM 1.6.0_03-b05
Windows XP 5.1 Service Pack 2
=== Environment === -1975008273
Adempiere(r) Release 3.3.0_2007-07-13 -Smart Suite ERP,CRM and SCM- (c) 1999-2007 Adempiere (r); Implementation: ${env.ADEMPIERE_VERSION} 20080219-1124 - ${env.ADEMPIERE_VENDOR}
awd47632h/192.168.178.25

Database=PostgreSQL - 8.1.11 - Driver =PostgreSQL Native Driver - PostgreSQL 8.3 JDBC4 with SSL (build 603) - via DataSource

AppsServerOK=true, DatabaseOK=true

=== Context ===
#AD_Client_ID == 11
#AD_Client_Name == GardenWorld
#AD_Language == en_US
#AD_Org_ID == 11
#AD_Org_Name == HQ
#AD_PrintColor_ID == 100
#AD_PrintFont_ID == 130
#AD_PrintPaper_ID == 100
#AD_PrintTableFormat_ID == 100
#AD_Role_ID == 103
#AD_Role_Name == GardenWorld User
#AD_Session_ID == 1000006
#AD_User_ID == 102
#AD_User_Name == GardenUser
#C_BP_Group_ID == 103
#C_BankAccount_ID == 100
#C_CashBook_ID == 101
#C_ConversionType_ID == 114
#C_Country_ID == 100
#C_DocTypeTarget_ID == 151
#C_Dunning_ID == 100
#C_PaymentTerm_ID == 105
#C_Region_ID == 142
#C_TaxCategory_ID == 107
#C_Tax_ID == 104
#C_UOM_ID == 100
#Date == 2008-02-19 00:00:00
#GL_Category_ID == 108
#M_Locator_ID == 101
#M_PriceList_ID == 101
#M_Product_Category_ID == 105
#M_Warehouse_ID == 103
#Printer == HP LaserJet 4000 Series PS
#R_StatusCategory_ID == 100
#R_Status_ID == 100
#SalesRep_ID == 102
#ShowAcct == N
#ShowAdvanced == Y

```
#ShowTrl == N
#StdPrecision == 2
#User_Level == O
#User_Org == 11,12
#YYYY == Y
$C_AcctSchema_ID == 101
$C_Currency_ID == 100
$Element_AC == Y
$Element_BP == Y
$Element_MC == Y
$Element_OO == Y
$Element_PJ == Y
$Element_PR == Y
$HasAlias == Y
0|WindowName == &Menu
2|0|AD_Tab_ID == 186
2|0|AD_Table_ID == 259
2|0|AccessLevel == 1
2|0|Name == Order
2|0|SQL == SELECT AD_Client_ID,AD_Org_ID,DocumentNo,POReference,Description,C_DocTypeTarget_ID,IsSelfService,DateOrdered,DatePromised,C_BPartner_ID,Bill_BPartner_ID,C_BPartner_Location_ID,Bill_Location_ID,AD_User_ID,Bill_User_ID,DeliveryRule,PriorityRule,M_Warehouse_ID,IsDropShip,DeliveryViaRule,M_Shipper_ID,FreightCostRule,FreightAmt,InvoiceRule,M_PriceList_ID,C_Currency_ID,C_ConversionType_ID,SalesRep_ID,IsDiscountPrinted,C_Charge_ID,ChargeAmt,PaymentRule,C_PaymentTerm_ID,C_Project_ID,C_Activity_ID,C_Campaign_ID,AD_OrgTrx_ID,User1_ID,User2_ID,TotalLines,GrandTotal,DocStatus,C_DocType_ID,CopyFrom,DocAction,Posted,C_Order_ID,Pay_Location_ID,Pay_BPartner_ID,DateAcct,DatePrinted,IsActive,IsApproved,IsCreditApproved,IsDelivered,IsInvoiced,IsPrinted,IsTransferred,Processed,IsSOTrx,IsTaxIncluded,IsSelected,SendEMail,Processing,C_Payment_ID,C_CashLine_ID,Ref_Order_ID,Created,CreatedBy,Updated,UpdatedBy FROM C_Order WHERE IsSOTrx='Y' AND (Processed='N' OR Updated>SysDate-1) AND C_Order.AD_Client_ID IN(0,11) AND C_Order.AD_Org_ID IN(0,11,12) AND C_Order.C_Order_ID NOT IN ( SELECT Record_ID FROM AD_Private_Access WHERE AD_Table_ID = 259 AND AD_User_ID <> 102 AND IsActive = 'Y' ) ORDER BY DocumentNo DESC
2|0|TabLevel == 0
2|1|AD_Tab_ID == 187
2|1|AD_Table_ID == 260
2|1|AccessLevel == 1
2|1|Name == Order Line
2|1|TabLevel == 1
2|2|AD_Tab_ID == 236
2|2|AD_Table_ID == 314
2|2|AccessLevel == 1
2|2|Name == Order Tax
2|2|TabLevel == 1
2|AD_Client_ID == 11
2|AD_Org_ID == 11
2|AutoCommit == Y
2|AutoNew == Y
2|BaseTable_ID == 259
2|C_ConversionType_ID == 114
2|C_Currency_ID == 100
2|C_DocTypeTarget_ID == 135
2|C_DocType_ID == 0
2|C_PaymentTerm_ID == 105
2|ChargeAmt == 0
2|CopyFrom == N
2|DateAcct == 2008-02-19 00:00:00
2|DateOrdered == 2008-02-19 00:00:00
2|DatePromised == 2008-02-19 00:00:00
2|DeliveryRule == F
2|DeliveryViaRule == P
2|DocAction == CO
2|DocStatus == DR
2|DocumentNo == <80003>
2|EnforcePriceLimit == Y
2|FreightAmt == 0
2|FreightCostRule == I
2|GrandTotal == 0
2|HasCharges == N
2|InvoiceRule == I
2|IsActive == Y
2|IsApproved == N
2|IsCreditApproved == N
2|IsDelivered == N
2|IsDiscountPrinted == N
2|IsDropShip == N
2|IsInvoiced == N
2|IsPrinted == N
2|IsSOTrx == Y
2|IsSelected == N
```

```
2|IsSelfService == N
2|IsTaxIncluded == N
2|IsTransferred == N
2|M_PriceList_ID == 101
2|M_PriceList_Version_ID == 104
2|M_Warehouse_ID == 103
2|OrderType == WR
2|PaymentRule == B
2|Posted == N
2|PriorityRule == 5
2|Processed == N
2|Processing == N
2|SalesRep_ID == 102
2|SendEMail == N
2|TotalLines == 0
2|WindowName == Sales Order
AutoCommit == Y
AutoNew == N
P103|Type == S
P132|GL_Category_ID == 108
P143|C_DocTypeTarget_ID == 135
P167|C_DocTypeTarget_ID == 116
P181|C_DocTypeTarget_ID == 126
P183|C_DocTypeTarget_ID == 123
P184|C_DocType_ID == 122
P189|DataType == S
P194|C_Charge_ID == 100
P195|C_DocType_ID == 119
P|C_Country_ID == 100
P|C_ProjectStatus_ID == 100


=== System ===

awt.toolkit=sun.awt.windows.WToolkit
deployment.browser.path=D:\PROGRA~1\MOZILL~1\FIREFOX.EXE
deployment.browser.vm.iexplorer=true
deployment.browser.vm.mozilla=true
deployment.cache.enabled=true
deployment.cache.jarcompression=0
deployment.cache.max.size=-1
deployment.capture.mime.types=false
deployment.console.startup.mode=HIDE
deployment.control.panel.log=false
deployment.javapi.cache.update=false
deployment.javapi.lifecycle.exception=false
deployment.javapi.log.filename=
deployment.javapi.runtime.type=0
deployment.javapi.trace.filename=
deployment.javaws.associations=ASK_USER
deployment.javaws.autodownload=ALWAYS
deployment.javaws.cache.update=false
deployment.javaws.home.jnlp.url=http://java.sun.com/products/javawebstart
deployment.javaws.installURL=http://java.sun.com/products/autodl/j2se
deployment.javaws.logFileName=
deployment.javaws.muffin.max=256
deployment.javaws.shortcut=ASK_IF_HINTED
deployment.javaws.splash.index=D:\Dokumente und Einstellungen\Besitzer\Anwendungsdaten\Sun\Java\Deployment\cache\6.0\splash\splash.xml
deployment.javaws.ssv.enabled=true
deployment.javaws.traceFileName=
deployment.javaws.uninstall.shortcut=false
deployment.javaws.update.timeout=1500
deployment.log=false
deployment.max.output.file.size=10
deployment.max.output.files=5
deployment.mime.types.use.default=true
deployment.proxy.bypass.local=false
deployment.proxy.override.hosts=
deployment.proxy.same=false
deployment.proxy.type=3
deployment.repository.askdownloaddialog.show=true
deployment.repository.enabled=true
deployment.security.SSLv2Hello=false
deployment.security.SSLv3=true
deployment.security.TLSv1=true
deployment.security.askgrantdialog.notinca=true
```

```
deployment.security.askgrantdialog.show=true
deployment.security.authenticator=true
deployment.security.browser.keystore.use=true
deployment.security.clientauth.keystore.auto=true
deployment.security.expired.warning=true
deployment.security.https.warning.show=false
deployment.security.jsse.hostmismatch.warning=true
deployment.security.notinca.warning=true
deployment.security.sandbox.awtwarningwindow=true
deployment.security.sandbox.jnlp.enhanced=true
deployment.security.trusted.policy=
deployment.security.validation.crl=false
deployment.security.validation.ocsp=false
deployment.system.security.cacerts=D:\Programme\Java\jre1.6.0_03\lib\security\cacerts
deployment.system.security.jssecacerts=D:\Programme\Java\jre1.6.0_03\lib\security\jssecacerts
deployment.system.security.trusted.certs=D:\Programme\Java\jre1.6.0_03\lib\security\trusted.certs
deployment.system.security.trusted.clientauthcerts=D:\Programme\Java\jre1.6.0_03\lib\security\trusted.clientcerts
deployment.system.security.trusted.jssecerts=D:\Programme\Java\jre1.6.0_03\lib\security\trusted.jssecerts
deployment.system.tray.icon=true
deployment.trace=false
deployment.update.mime.types=true
deployment.user.cachedir=D:\Dokumente und Einstellungen\Besitzer\Anwendungsdaten\Sun\Java\Deployment\cache
deployment.user.extdir=D:\Dokumente und Einstellungen\Besitzer\Anwendungsdaten\Sun\Java\Deployment\ext
deployment.user.logdir=D:\Dokumente und Einstellungen\Besitzer\Anwendungsdaten\Sun\Java\Deployment\log
deployment.user.security.policy=file://D:/Dokumente%20und%20Einstellungen/Besitzer/Anwendungsdaten/Sun/Java/Deployment/security/java.policy
deployment.user.security.saved.credentials=D:\Dokumente und Einstellungen\Besitzer\Anwendungsdaten\Sun\Java\Deployment\security\auth.dat
deployment.user.security.trusted.cacerts=D:\Dokumente und Einstellungen\Besitzer\Anwendungsdaten\Sun\Java\Deployment\security\trusted.cacerts
deployment.user.security.trusted.certs=D:\Dokumente und Einstellungen\Besitzer\Anwendungsdaten\Sun\Java\Deployment\security\trusted.certs
deployment.user.security.trusted.clientauthcerts=D:\Dokumente und
Einstellungen\Besitzer\Anwendungsdaten\Sun\Java\Deployment\security\trusted.clientcerts
deployment.user.security.trusted.jssecacerts=D:\Dokumente und Einstellungen\Besitzer\Anwendungsdaten\Sun\Java\Deployment\security\trusted.jssecacerts
deployment.user.security.trusted.jssecerts=D:\Dokumente und Einstellungen\Besitzer\Anwendungsdaten\Sun\Java\Deployment\security\trusted.jssecerts
deployment.user.tmp=D:\Dokumente und Einstellungen\Besitzer\Anwendungsdaten\Sun\Java\Deployment\tmp
deployment.version=6.0
file.encoding=Cp1252
file.encoding.pkg=sun.io
file.separator=\
http.auth.serializeRequests=true
https.protocols=TLSv1,SSLv3
java.awt.graphicsenv=sun.awt.Win32GraphicsEnvironment
java.awt.printerjob=sun.awt.windows.WPrinterJob
java.class.path=D:\Programme\Java\jre1.6.0_03\lib\deploy.jar
java.class.version=50.0
java.endorsed.dirs=D:\Programme\Java\jre1.6.0_03\lib\endorsed
java.ext.dirs=D:\Programme\Java\jre1.6.0_03\lib\ext;D:\WINDOWS\Sun\Java\lib\ext
java.home=D:\Programme\Java\jre1.6.0_03
java.io.tmpdir=D:\DOKUME~1\Besitzer\LOKALE~1\Temp\
java.library.path=D:\Programme\Java\jre1.6.0_03\bin;.;D:\WINDOWS\Sun\Java\bin;D:\WINDOWS\system32;D:\WINDOWS;D:\Programme\Java\jre1.6.0_
03\bin;D:\Programme\Gemeinsame Dateien\Real\Common\;D:\Programme\Mozilla
Firefox;D:\WINDOWS\system32;D:\WINDOWS;D:\WINDOWS\System32\Wbem;D:\Programme\QuickTime\QTSystem\;"D:\Programme\firebird\bin\";"D:\Pr
ogramme\Java\jre1.6.0_03\bin"
java.protocol.handler.pkgs=com.sun.javaws.net.protocol|com.sun.deploy.net.protocol
java.runtime.name=Java(TM) SE Runtime Environment
java.runtime.version=1.6.0_03-b05
java.security.policy=file:D:\Programme\Java\jre1.6.0_03\lib\security\javaws.policy
java.specification.name=Java Platform API Specification
java.specification.vendor=Sun Microsystems Inc.
java.specification.version=1.6
java.vendor=Sun Microsystems Inc.
java.vendor.url=http://java.sun.com/
java.vendor.url.bug=http://java.sun.com/cgi-bin/bugreport.cgi
java.version=1.6.0_03
java.vm.info=mixed mode, sharing
java.vm.name=Java HotSpot(TM) Client VM
java.vm.specification.name=Java Virtual Machine Specification
java.vm.specification.vendor=Sun Microsystems Inc.
java.vm.specification.version=1.0
java.vm.vendor=Sun Microsystems Inc.
java.vm.version=1.6.0_03-b05
javaplugin.proxy.config.type=direct
javawebstart.version=javaws-1.6.0_03
jnlpx.heapsize=32m,512m
jnlpx.home=D:\Programme\Java\jre1.6.0_03\bin
jnlpx.jvm=D:\Programme\Java\jre1.6.0_03\bin\javaw.exe
jnlpx.remove=false
jnlpx.splashport=1054
```

line.separator=

os.arch=x86
os.name=Windows XP
os.version=5.1
path.separator=;
sun.arch.data.model=32
sun.boot.class.path=D:\Programme\Java\jre1.6.0_03\lib\resources.jar;D:\Programme\Java\jre1.6.0_03\lib\rt.jar;D:\Programme\Java\jre1.6.0_03\lib\sunrsasign.jar;D:\Programme\Java\jre1.6.0_03\lib\jsse.jar;D:\Programme\Java\jre1.6.0_03\lib\jce.jar;D:\Programme\Java\jre1.6.0_03\lib\charsets.jar;D:\Programme\Java\jre1.6.0_03\classes;D:\Programme\Java\jre1.6.0_03\lib\javaws.jar;D:\Programme\Java\jre1.6.0_03\lib\deploy.jar
sun.boot.library.path=D:\Programme\Java\jre1.6.0_03\bin
sun.cpu.endian=little
sun.cpu.isalist=pentium_pro+mmx pentium_pro pentium+mmx pentium i486 i386 i86
sun.desktop=windows
sun.io.unicode.encoding=UnicodeLittle
sun.java.launcher=SUN_STANDARD
sun.jnu.encoding=Cp1252
sun.management.compiler=HotSpot Client Compiler
sun.os.patch.level=Service Pack 2
trustProxy=true
user.country=DE
user.dir=D:\Programme\Gemeinsame Dateien\Real\Update_OB
user.home=D:\Dokumente und Einstellungen\Besitzer
user.language=de
user.name=Besitzer
user.timezone=Europe/Berlin
user.variant=

I have tried several times with a freshly re-installed OS, it's the same error over and over again. I really can't figure anything out at this point. Any help would be greatly appreciated.

By: Dominik Strehlke (jastech) - 2008-02-19 10:40
Found it for myself:

it was a memory issue. In postgresql.conf a change from
pljava.vmoptions = ''
to
pljava.vmoptions = '-Xms64M -Xmx128M'

got it to work.

1.26 How to create a scheduler for a recurring inv

Help

By: Dominik Strehlke (jastech) - 2008-02-19 12:26
This time I was not able to fix the issue myself, unfortunately.

After reading through the "Subscription Functionality" thread in this forum I'd like to actually use that workaround to create some "subscription-like" behavior.

I have generated an invoice and created a recurring event on top of that invoice.

Now, how do I create a scheduler that triggers the recurring run every month? I was able to create a scheduler for the C_Recurring Run process, but afterwards I have no Scheduling Parameters available to select the actual recurring event to be triggered.

Is there a way to create a working scheduler for the newly created recurring event? Or maybe I'm looking at the wrong places...

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-19 15:41
What Scheduling Parameters do you need?

By: Dominik Strehlke (jastech) - 2008-02-19 15:54
I don't actually know... do I need any at all? I put up a screenshot of my recurring invoice here:
http://www.strehlke.info/recurring.jpg

And one of the scheduler here http://www.strehlke.info/sched.jpg
and one of the corresponding parameters tab here http://www.strehlke.info/schedparam.jpg
What I'm getting at is basically....how do I make a working scheduler out of screenshots 2 and 3 which triggers the run of the recurring event in screenshot 1 :-)

Thanks already for your response, I hope we can sort this out now.

1.27 Bulk creating users in Adempiere

Help

By: WilhelmM (wimalopaan) - 2008-02-19 15:10
what is the best way to bulk create users, i.e. using an external script?

Are there any sql-scripts / procedures available?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-19 15:40
It depends.
How is your data stored now?
In Database?
In Text Files? CSV files?

Generally the best way is to use Import functionality provided by Adempiere.
If there is no import functionality for your entities (Users in this case) then the best way is to use java domain model of Adempiere in order to import the data.

By: WilhelmM (wimalopaan) - 2008-02-19 22:37
The user-data is actually stored in a LDAP-Database.

I'm able to authenticate the users against the LDAP (some minor modifications to the LDAP-Connection in ADempiere are neccessary, so that not all LDAP-user can login into ADEmpiere, only those who are in the correct group, etc.).
Now I want to create the ADempiere-User as soon I get a new LDAP-User and fill in all the attributes from the LDAP (sure, also the ldapuser attribute).

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-20 01:40
Sounds interesting.
What were your modifications?

Develop a java procedure which creates user in Adempiere system. You need to use MUser class for creation of users.

By: WilhelmM (wimalopaan) - 2008-02-20 02:37
I modified LDAP.java to recognize a different "meaning" of the ldapdomain (ad_system) column. Here one can define things like basedn, ldap-filter and user-dn for ldap-bind or filtering unwanted uids.

Well, I think the real solution would be to insert the required fields into the ad_system table. BTW, is there a simple / generator way to modify the MSystem class according to the changes in the table. Are the any documents describing this?

My goal is to insert / modify users directly in the DB instead of creating a model-class. It must be possible from outside the jboss-server / gui.

Btw, is there a method to

a) call external programs from the gui (e.g. sort of VoIP-Softphone)

b) select a special view/tab from external (to the gui) - would be intersting for CTI / asterisk integration

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-20 02:47
You do not need to create Model class. Adempiere model classes already exist. You just need to use MUser model class in order to create new users in Adempiere.
Yes it is possible i use model classes to make imports from xml files.

1.28 how to change the language ??

Help

By: ee ff (emadalrwaily) - 2008-02-20 06:27
how can i change the interface language using the language pack

please if any have any idea of how to todo please post it here

By: busybee (gunda) - 2008-02-20 06:51
Please have a look in adempiere's wiki. The topic "language pack installation" gives you a step by step tutorial. Basically, you need to log in as system administrator. This will give you the menu items language, language import/export. You need to import the translation table for your language. Following this, do a system translation check and Synchronize Terminology (processor). When you are finished with this, log out and login with your own username and role. The login screen (underneath password) allows you to choose your language. This will also set the date and time format correctly for your country.

By: ee ff (emadalrwaily) - 2008-02-20 07:08
can you please give the link to it becuase i can find it

By: erp7 (raoufmazouz) - 2008-02-20 15:36
http://www.adempiere.com/wiki/index.php/Language_Pack_Installation

1.29 How to change logo image in printing header

Help

By: Radox (theradox) - 2008-02-20 01:55
I have problems changing the standard adempiere logo.
I have a path like "org/compiere/images/filename.png", but I can't find that file in that folder! There is only a zip file...
More strange is that if I change it with an image from another path, it does not work.

What's the problem? Can I use files from my own folder?
By: busybee (gunda) - 2008-02-20 06:38
I have just done what you trying to do! There is an excellent, brief instruction in the Wiki ("Put your own logo"). You need to add the logo as an attachment. Choose "image attached". Click on the paper-clip icon on the menu bar and select the image to attach. I have tried to attach a .jpg image, which did not work. PNG format images are fine.

Follow the instructions in the Wiki and I am sure this will help you adding your own logo.

By: Radox (theradox) - 2008-02-20 11:11
Gunda, THANKS A LOT!!!

You've been very helpful, now it works!!! And with jpeg too!!

Now I know what the attach button purpose is! :D About it... can it be used also in other functions?

I feel very newbie to have not found it in the wiki, I was sure to have looked there...

By: karsten-thiemann (kthiemann) - 2008-02-21 00:44
Here is the direct link to the wiki page:
http://www.adempiere.com/wiki/index.php/Put_your_Own_Logo

1.30 Installing on Debian Etch

Help

By: Marko Randjelovic (ramark) - 2008-02-22 09:25
I follow instructions from http://www.adempiere.com/wiki/index.php/Debian_and_PostgreSQL_Install .

All goes well to the point "Now we install pljava support in the main cluster with the following:". Here is what happens:

================

main:/usr/local/src/postgresql-pljava-1.3.0# su postgres
postgres@main:/usr/local/src/postgresql-pljava-1.3.0$ echo $JAVA_HOME
/usr/lib/jvm/java-1.5.0-sun
postgres@main:/usr/local/src/postgresql-pljava-1.3.0$ /usr/lib/postgresql/8.1/bin/psql -d template1 -f /usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql
CREATE SCHEMA
GRANT
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:6: ERROR: could not load library "/usr/lib/postgresql/8.1/lib/pljava.so": /usr/lib/postgresql/8.1/lib/pljava.so: undefined symbol: SetUserId
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:8: ERROR: function sqlj.java_call_handler() does not exist
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:12: ERROR: could not load library "/usr/lib/postgresql/8.1/lib/pljava.so": /usr/lib/postgresql/8.1/lib/pljava.so: undefined symbol: SetUserId
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:14: ERROR: function sqlj.javau_call_handler() does not exist
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:23: NOTICE: CREATE TABLE will create implicit sequence "jar_repository_jarid_seq" for serial column "jar_repository.jarid"
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:23: NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "jar_repository_pkey" for table "jar_repository"
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:23: NOTICE: CREATE TABLE / UNIQUE will create implicit index "jar_repository_jarname_key" for table "jar_repository"
CREATE TABLE
GRANT
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:32: NOTICE: CREATE TABLE will create implicit sequence "jar_entry_entryid_seq" for serial column "jar_entry.entryid"
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:32: NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "jar_entry_pkey" for table "jar_entry"
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:32: NOTICE: CREATE TABLE / UNIQUE will create implicit index "jar_entry_jarid_key" for table "jar_entry"
CREATE TABLE
GRANT
ALTER TABLE
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:43: NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "classpath_entry_pkey" for table "classpath_entry"
CREATE TABLE
GRANT
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:50: NOTICE: CREATE TABLE will create implicit sequence "typemap_entry_mapid_seq" for serial column "typemap_entry.mapid"
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:50: NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "typemap_entry_pkey" for table "typemap_entry"
CREATE TABLE
GRANT
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:55: ERROR: language "java" does not exist
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:59: ERROR: language "java" does not exist
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:63: ERROR: language "java" does not exist
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:67: ERROR: language "java" does not exist
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:71: ERROR: language "java" does not exist
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:75: ERROR: language "java" does not exist
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:79: ERROR: language "java" does not exist
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:83: ERROR: language "java" does not exist
psql:/usr/local/src/postgresql-pljava-1.3.0/src/sql/install.sql:87: ERROR: language "java" does not exist

==================

Should I ignore this and continue or something is whong?

By: erp7 (raoufmazouz) - 2008-02-22 10:20
Please try with the last version of pljava 1.4.0 for your version of postgresql, u can found it here http://pgfoundry.org/frs/?group_id=1000038

By: Marko Randjelovic (ramark) - 2008-02-23 01:30
I did as you proposed, purging postgresql and deleting /var/lib/postgresql (was it necessary?), installing it again, installing new versionof pljava by copying pljava.jar and pljava.so to /usr/lib/postgresql/8.1/lib and editing again configuration files for postgresql. But similar error happens again.

======================

main:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0# su postgres -c "export JAVA_HOME=/usr/lib/jvm/java-1.5.0-sun; /usr/lib/postgresql/8.1/bin/psql -d template1 -f /usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql"
CREATE SCHEMA
GRANT
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:6: ERROR: could not load library "/usr/lib/postgresql/8.1/lib/pljava.so": /usr/lib/postgresql/8.1/lib/pljava.so: undefined symbol: assert_enabled
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:8: ERROR: function sqlj.java_call_handler() does not exist

psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:12: ERROR: could not load library "/usr/lib/postgresql/8.1/lib/pljava.so": /usr/lib/postgresql/8.1/lib/pljava.so: undefined symbol: assert_enabled
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:14: ERROR: function sqlj.javau_call_handler() does not exist
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:23: NOTICE: CREATE TABLE will create implicit sequence "jar_repository_jarid_seq" for serial column "jar_repository.jarid"
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:23: NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "jar_repository_pkey" for table "jar_repository"
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:23: NOTICE: CREATE TABLE / UNIQUE will create implicit index "jar_repository_jarname_key" for table "jar_repository"
CREATE TABLE
GRANT
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:32: NOTICE: CREATE TABLE will create implicit sequence "jar_entry_entryid_seq" for serial column "jar_entry.entryid"
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:32: NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "jar_entry_pkey" for table "jar_entry"
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:32: NOTICE: CREATE TABLE / UNIQUE will create implicit index "jar_entry_jarid_key" for table "jar_entry"
CREATE TABLE
GRANT
ALTER TABLE
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:43: NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "classpath_entry_pkey" for table "classpath_entry"
CREATE TABLE
GRANT
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:50: NOTICE: CREATE TABLE will create implicit sequence "typemap_entry_mapid_seq" for serial column "typemap_entry.mapid"
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:50: NOTICE: CREATE TABLE / PRIMARY KEY will create implicit index "typemap_entry_pkey" for table "typemap_entry"
CREATE TABLE
GRANT
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:55: ERROR: language "java" does not exist
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:59: ERROR: language "java" does not exist
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:63: ERROR: language "java" does not exist
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:67: ERROR: language "java" does not exist
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:71: ERROR: language "java" does not exist
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:75: ERROR: language "java" does not exist
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:79: ERROR: language "java" does not exist
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:83: ERROR: language "java" does not exist
psql:/usr/local/src/pljava-x86_64-unknown-linux-gnu-pg8.1-1.4.0/install.sql:87: ERROR: language "java" does not exist
=====================

By: erp7 (raoufmazouz) - 2008-02-23 03:16
Herewith the link of the excellent howto from posterita's wiki and it's work fine for me (debian etch + postgres 8.2)
look here
http://www.posterita.org/mediawiki/index.php/PostgreSQL_Installation_on_Ubuntu_%28with_PL/Java%29_for_ADempiere

1.31 Can not get any data from order detail report

Help

By: Foster Hon (foster1628) - 2008-02-22 10:26
After import all PO and run orderstail document type: purchase order and date range
the report show no data but when I go into the pgadmin look at RV_Orderdetail all data there.
Here is the error i am getting please help!

**** 2008-02-21 18:26:47.046 Adempiere Log (CLogConsole) ****
18:26:47.046 Adempiere.startup: Adempiere(r) Release 3.3.0_2007-07-13 -Smart Sui
te ERP,CRM and SCM- (c) 1999-2007 Adempiere (r); Implementation: ${env.ADEMPIERE
_VERSION} 20080220-1828 - ${env.ADEMPIERE_VENDOR}
18:26:47.953 Ini.loadProperties: C:\Documents and Settings\foster\Adempiere.prop
erties #38
-----------> CConnection.queryAppsServerInfo: jnp://ganz-NOTEBOOK:1099
- javax.naming.CommunicationException: Receive timed out [Root exception is jav
a.net.SocketTimeoutException: Receive timed out]
- {java.naming.provider.url=jnp://ganz-NOTEBOOK:1099, java.naming.factory.initi
al=org.jnp.interfaces.NamingContextFactory, jnp.discoveryTimeout=5000, jnp.timeo
ut=5000, java.naming.factory.url.pkgs=org.jboss.naming.client, jnp.sotimeout=500
0} [11]
===========> MLookupFactory.getLookup_TableDirEmbed: No Identifier records found
: LineDescription [12]
===========> MLookupFactory.getLookup_TableDirEmbed: No Identifier records found
: POReference [12]
===========> DataEngine.loadPrintData: null - ERROR: syntax error at or near ")"

(...a huge SQL statement follows..MCalderon)
-----------> DataEngine.loadPrintData: NO Rows - ms=328 [12]

By: mario_cal (mar_cal_westf) - 2008-02-23 06:40
mmmh, when I look at the message I see a huge SQL which delivers no rows. Before that the program finds a syntax error at loadPrintData.

I cannot tell you what happened just by looking at the dump. I would debug it and try to execute the SQL statement. If you do not know how to debug it, it is very difficult to know why loadPrintData encountered an error. The same applies to the SQL statement. Sometimes is a value in the AD which causes this.

I would see if there are any POs at all not with a report, but with the PO window first. After that I would run a report.

On the other hand, I see you are working with Release 3.3.0 which is I believe at least 6 months old. In the meantime Adempiere has undergone many changes, improved a lot, corrected hundreds of errors. My recommendation to you would be to update to the newest revision and try again.

By: Foster Hon (foster1628) - 2008-02-23 06:55
I can open all pos and all PO data is in proper.

By using pgadmin can see the view RV_OrderDetail table with all PO detail line without problem.
The only things is when I try to run report from Order Detail it show no data and error message that I have been posted.

Will try out the new version but I have a java module which complie under adempiere 3.3
do you think I can put the same module and complie on version 3.3.1b?

By: Bahman M. (bmovaqar) - 2008-02-23 07:12
In the error log I see 'RV_OrderDetail.LineDescription' which doesn't exist in standard ADempiere database. I suspect you've added a new column to RV_OrderDetail called LineDescription from Table & Column window but didn't change the view definition inside PostgreSQL.

By: Foster Hon (foster1628) - 2008-02-23 10:15
Yes I did put the lineDescription and LabTestRequired columne into RV_OrderDetail view.
I have event try create a new report & Process same result.

By: Bahman M. (bmovaqar) - 2008-02-23 21:50
If you've added LineDescription to view definition then it might be about references. What's the type (reference) of LineDescription in Table & Column window? It shouldn't be ID/Table/TableDirect.

By: Foster Hon (foster1628) - 2008-02-24 07:12
The LineDescription and LabTestRequied are fields in the element and it is apply to I_Order table for import data from CSV files and I have add both fields into C_Orderline table.
LineDescription is only a string and LabTestRequired is reference.

LineDescription is direct from table and LabTestRequired is also from direct from table.

1.32 Report Header Data Refresh On each Page

Help

By: Sumanth (sushetty) - 2008-02-26 03:38
The report header data on each page of Form based report. I have a form based report(customer statement of accounts) where in the customer id is in the header of main print format and customer statement lines are in included print format. But Page Header in all pages has customer name or code static?. can anybody help or suggest a way to refresh this header field data?

1.33 Email sending problems

Help

By: busybee (gunda) - 2008-02-20 07:02
Our request processor happily mails us more updates than we actually want. However, we cannot send emails manually, like emailing purchase orders or invoices. We have been able to do this before, but have no explanation why we cannot any longer.

We get the following error message:
Problem: (ME): Could not connect to SMTP host: mail.btinternet.com, port: 25; - AD_Client_ID=1000001
java.net.ConnectException: Connection refused: connect

When we test the email (basic client setup), we get the following message: Thuthuka Ltd: (ME) - Invalid Username/Password - null
The password and username are absolutely correct.

Has anybody got an idea what we can check to identify the problem?

By: pmdw (pmdw) - 2008-02-26 05:54
Strangely, while the request processor is working overtime emailing us, we could not send emails manually from the system (like emailing purchase orders or invoices.)
We were initially able to send emails but for some reason it stopped working.

When we tried to test it we would get the following error message:
Problem: (ME): Could not connect to SMTP host: mail.btinternet.com, port: 25; - AD_Client_ID=1000001
java.net.ConnectException: Connection refused: connect

I have finally managed to get it to work but the steps are more like magic than any real fix

I went into the Client rules -> Client form I turned off the use beta functions and the SMTP Authentication.
I then exited Adempiere and restarted the Adempiere service.
I went into the Client rules -> Client form I turned on the SMTP Authentication.
I then exited Adempiere and stopped and restarted the Adempiere service.
I went into the Client rules -> Client form and then I can send test emails.
I then turned on the use beta functions.
I then restarted the Adempiere service and then I can still send test emails.
:-)

My theory of the moment is that java caches these settings somehow somewhere and does not always save the last setting to the database and that this is some how compounded by the use of the beta functions.

1.34 Callouts on String Fields

Help

By: Sumanth (sushetty) - 2008-02-24 02:26
Can anybody help me to sort out the problem of firing the callouts on String field change?. Actually i have added the callout on string field and it is firing on each key press but i have not complete the typing of string which is used in the callouts.
Please help me to sort out the problem.....

By: Red1 D. Oon (red1Project Admin) - 2008-02-24 22:15
Pls paste your callout here.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-25 08:38
Hi, please take a look to the discussion here:
http://sourceforge.net/tracker/index.php?func=detail&aid=1685158&group_id=176962&atid=879335
[1685158] Modify Callout Bahaviour (SIC)

I think this is still open - the idea would be to allow both behaviors.

By: Sumanth (sushetty) - 2008-02-27 02:24
I am able to execute the callout only on press of enter key and in all other key press i am able to block the callout. The changes are in Vstring.java keyrealeaser() method and Grid tab, Grid field.....

Basically, when i hit released any key on string field, i am setting a flag in the field which will be used to call the callout in GridTab.The focus lost will waork as usual.

1.35 Differences between Connection Profiles

Help

By: moyses (moyses) - 2008-02-27 15:43
Maybe this question it is too simple but I can't understand it. I was no able to find an answer in Adempiere help neither in the wiki.

What is the difference between using

Connection Profile
LAN
WAN
VPN

In which situation is better to use them?

I can imagine that usually the most used would be LAN? but what would happen if I am in the same LAN as Adempiere Application and Database Server, what would change if I use any of the other profiles?

Thank you very much for your help. Best Regards!

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-27 18:42
I wait for Heng Sin corrections, as he's the one who have worked mostly on the connections part.

My understanding is:

LAN:
- open direct connections to database (a must)
- open connection to server via jboss 1099+others ports (if available)
- can run with the server down
- run processes locally
- get rows directly from database
Advantages:
- Maybe the faster on LAN env
- Low consumption on server resources
Disadvantages:
- unsafe (very unsafe from a hacker POV)
- unkillable (as explained in a recent thread)

WAN
- don't open direct connections to database
- open connections to server via http port (a must)
- just can run with the server up
- run processes on server
- get objects from server (server get rows from database)
Advantages:
- Safer (still have some holes, but they can be controlled in other ways)
- Killable (if the server goes down, all clients are disconnected)
Disadvantages:
- More consumption on server resources

VPN
AFAIK (need confirmation from Heng Sin) is the same as WAN but connecting to server via jboss 1099+others ports (a must)

Pending todo: secureWAN -> https support

Question:
I wonder what is more bandwidth friendly - getting rows from database? or getting java objects?
This question is because within a VPN you can also run the LAN connection (I even have used direct db connection with postgres+putty tunnel)

Wondering also how much is the impact on server memory consumption for each connected client via WAN/VPN - and maybe the computing needs for those clients also running processes on server.

1.36 can i see my database???

Help

By: ee ff (emadalrwaily) - 2008-02-27 06:10
how can i see my database tables

i mean after creating new client and enter all the information about him and create new partners and payment and employee and vendors in the adempiere how can i see all this data in the oracle 10 XE as tables like used to see theme while using other programs like MS SQL 2000

is thier any way that someone help me in this please post it here its vey urgent to me

By: moyses (moyses) - 2008-02-27 06:40
Go ahead and download Oracle sql developer. You can see your tables with this tool.

http://www.oracle.com/technology/products/database/sql_developer/index.html

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-27 08:17
Oracle XE comes with web server. So you can access your database and online.
Got to: http://localhost:8080/apex

By: ee ff (emadalrwaily) - 2008-02-28 01:22
Trifon Nikolaev Trifonov can you please tell how to do this stop by step
becuase it is very important to me and my whole work depend on this point
my email is emadmilan@yahoo.com

By: moyses (moyses) - 2008-02-28 06:23
You need to try it for your self:
http://st-curriculum.oracle.com/tutorial/DBXETutorial/index.htm

Read the whole tutorial. It is something step by step, but you need to study.
Any way I am waiting for Trifon answer :)

1.37 Thoughts on Prepay Order

Bazaar Open Discussion

By: Dominik Strehlke (jastech) - 2008-02-27 01:32

A company I'd like to hook up with Adempiere is solely using Prepay Orders, they do nothing on credit.

When prepay orders are created in Adempiere, a shipment is automatically generated as soon as payment is received, no matter if the ordered items are in stock or not. Is that behavior on purpose? In this business case it makes no sense to create any shipment if the items aren't available.

Is there any way for me to work around this? What I want, basically, is a sales order that results in a shipment as soon as

1. The order / invoice is paid
AND

2. All items of the order are in stock.

I've dug into the current process. The assumptions I'm about to make may be right or wrong:
It looks like as soon as payment for a Prepay Order is received, the Delivery Rule of that order is changed to Force, which results in a shipment even if the inventory is empty. Is there any way to change that to, for example, Order Complete or Line Complete?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-27 04:33
Please change Delivery Rule to Available and shipment will be generated only when there are enough products in warehouse.

No need to make any workaround. need to set proper Delivery rule for Business partner.

1.38 Request Processor Spams

Bazaar Open Discussion

By: busybee (gunda) - 2008-02-22 06:31
We are employing the useful functionality of Requests. A while ago, we set up the request processor thinking that it would be a useful tool to be reminded of outstanding requests. Following an avalanche of mailings from the request processor, we stopped it. We de-activated both we set up originally. No previously set up request processor should work. Also, we make sure that when setting up new requests, we "de-activate" the update notifications (user). And yet, we literally receive hundreds of email updates, each time we turn on our computer.
How can this be stopped? What process is still active?

Strangely, while the request processor is working overtime emailing us, we cannot send emails manually from the system!

By: pmdw (pmdw) - 2008-02-26 05:57
We are currently running Adempiere Release 3.2.0 - 2007-05-01 on a postgres database
We originally had a problem sending emails manually, like emailing purchase orders or invoices from within Adempiere. but we seem to have sorted it out.

However we are still having a problem with the request process. We have set up the request processor to be reminded of outstanding requests.

We originally set up 2 request processes (client support and technical) as follows.
Frequency type is day
Frequency is 1 (ie every day)
Reminder days 2
Alert after days due 2
Escalate after days due 3
Inactivity Alert days 3

We also have 9 request types set up these are still active, but do not have email request on.
email when due not checked
email when overdue not checked

We have however deactivated both the request processes but we still get emails
No previously set up request processor should still be working, right?. Also, we make sure that when setting up new requests, we "de-activate" the update notifications (user). And yet, we literally receive hundreds of Request Updated: emails, each time we turn on our computers in the morning. (yea I know sort out the request and you don't get the emails) but we get at least 2 emails for each request sometimes 3 or 4.

The Adempiere Server Monitor lists the following which does not make any sense at all
Thuthuka Ltd - Accounting Processor (Running)
Thuthuka Ltd - Accounting Processor (Running)
GardenWorld Request Processor (Running)
GardenWorld Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)

Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
GardenWorld Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
Thuthuka Ltd - Request Processor (Running)
System Workflow Processor (Running)
System Alert Processor (Running)
Delete Old Notes (Running)
Adempiere LDAP Server (Running)

At current, I am thinking that the request processor does not check if the process is active or not and still processes according to the settings.
The problem is that the “Request Updated” email does not say the reason it is updated. its a “Reminder” or “Alert” or “Escalate” or “Inactivity Alert” after days due 3
So each email looks identical.

I am now setting the request processor to
Frequency type is day
Frequency is 1 (ie every day)
Reminder days 0
Alert after days due 0
Escalate after days due 0
Inactivity Alert days 0
And will see what happens.

I am going to do a bit of cross posting as I think it would be nifty to have the Request Processor say something like “Reminder Request Updated” or “Alert Request Updated” etc so I am putting it into Specifications Requests as well.

1.39 Receipt VS Return

Bazaar Open Discussion

By: omid (omidp) - 2008-02-25 21:50
In The Internal Use of Inventory Window enter 132 for quantity of used products.
Then complete document after that movement type is I+ and movementqty is -132
It means the value of the inventory is reduced this is ok but
In material receipt or purchase order when you choose return document type
The qty does not convert to negative and value of the inventory increased by return document
movement type = V+ in MM Receipt , MM Return and qty remain 132 in both of them
How can I handle return material in purchase process(purchase order, material receipt)?

1.40 Can I get rid of 00:00:00 from the date?

Bazaar Open Discussion

By: Goh Yan Chang (gohyc) - 2008-02-25 18:48
I am using posgresql on Linux. Whenever I try to print out the order by selecting the order ID for the field, it always return documentno-yyyy-mm-dd hh:mm:ss and it is always 00:00:00 since it has only date and no time. I used to use oracle and it did return the hh:mm:ss. It is possible to just have documentno-yyyy-mm-dd?

By Mario Calderon
in Oracle, you get the date as in the format yyyy-mm-dd because the column is defined as of the "DATE" type (in combination with the language you select). if you select "DATETIME" you get the format yyyy-mm-dd hh:mm:ss.

Though I do not know PG, I'd say you should look at the column definition.

1.41 Where the docs ?

Bazaar Open Discussion

By: Angela GALACY (agalacy) - 2008-02-21 09:25
Can someone give my some hints on where to find "Real Documents" explaining how to use Adempiere (as opposed to "Empty Wikis")?
i.e. I've been looking around in
http://www.adempiere.com/wiki/index.php/ADempiere

but this is mostly a load of "nearly empty" Wiki pages.

I followed this tutorial to install Adempiere:
http://www.adempiere.com/wiki/index.php/Adempiere_Install_WinXp

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-25 08:51
Maybe we have usability problems with the question mark button on the login window.

If user push this button a complete description of the window is shown - including default passwords.
But maybe the button could be more visible or better named.
I think most of the documentation is there - but it's very hard to find it, and when found is very hard to know if is accurate or not, or if is outdated.
I think this is not going to work as volunteer-contribution - we need money to support an effort to make manuals and keep then maintained.

By: Red1 D. Oon (red1Project Admin) - 2008-02-21 15:16
Hi Angela, you have a point there about seeming empty and lost. I m pleasantly surprised after all we have done :-). This user experience is important because u acted as a 'g.p. tester' of the documentation which many of us are trying to do all this while. It helps us to aim next when such comments trigger in us right away where we gone wrong. On that mighty thanks for that.

Meanwhile i think what u look for can also be obtained via more direct links as found in http://www.adempiere.org and in wiki such as Tutorials, Training Courses and Installing topics. Also do go to the sourceforge download section and look under Documentation and Educational Movies. https://sourceforge.net/project/showfiles.php?group_id=176962

The "Manual" entries u see in Category:Documentation should now give a master link which is...
http://www.adempiere.com/wiki/index.php/Manual

Hengsin has interesting links: http://www.adempiere.com/wiki/index.php/User:Hengsin

By: Heinz-Guenter Siebert (hgsiebert) - 2008-02-22 06:34
I'm new to ADempiere (since January 1st, 2008),too and have made my first experiences, which I'd like to share.

The initial client setup (because tenant is more appropriate in terms of legal aspects I'd like to use tenant instead of client in the further documentation) is done via the system user or the SuperUser (Role System Administrator), further called sysadmin.
I would treat the sysadmin on a meta-level with no admission to have access to tenant legal information.
Once you have defined a new tenant (for example TEST), two users will be defined, with TESTadmin (User/Contact client) and TESTUser (User/Contact Organization) with the same passwords as the users.

With TESTAdmin (pw: TESTAdmin), one is now able to login to the new tenant. At the Tenant level (which could be seen as an instance of the sysadmin meta-level) you are now able to use the workflow.

I found, that the compiere documentation is a good starting point to get the basic understanding of the Application Dictionary.
As far as I have understood, this work is only done with the Role of SystemAdministrator.

After that, I have defined a new window to get the understanding on how {Element}, {Tab and Column}, {Field Group} and {Window, Tab & Field} worked together. This does mean, how a postgreSQL Table is build, how the columns are deployed, and how to activate a window, in order to make some data entry. This works fine, only with definitions (no coding) and some actions like {Synchronize Columns}, {Synchronize Terminology}.

1.42 Income Statement

Bazaar Open Discussion

By: xolali (xolali) - 2008-02-25 07:56

How do i get a working income statement. Are there any procedures to be run before the income statement is generated? I realized that the one the comes with Garden world does not have correct values for some elements: net income etc. Will be greatful for explanations/advice

By: Colin Rooney (crooProject Admin) - 2008-02-25 09:11
Unlike many system you can run the Income Statement report (via the financial Reporting) at any time. Really the only thing needed to get correctly balanced Income Statement is to ensure all documents in the period being reported have actually posted (in the GL) and there are no problem documents left unprocessed by the accounting processor.

To understand how to get a final Income Statement for year end this might help some
http://www.adempiere.com/wiki/index.php/Perpetual_Accounting

By: Red1 D. Oon (red1Project Admin) - 2008-02-25 15:39
Like Colin said, you dont need to do any process for Income Statement. Just configure your Financial Reporting items. Income should be = Revenue minus Costs. The GardenWorld sample can be modified or tested further. Then when satsified, u can copy that to your client instance.

1.43 Does adempiere support double uom ?

Bazaar Open Discussion

By: Arlindo Jorge MArtins Carvalho (rdc02271) - 2008-02-20 11:49
I have not been able to find this info: does adempiere support sales/purchases with double unit of measure (one valuation and another stock)?
Example: Clothes are made of material, available in rolls in the stock but of different lengths.

In that example, the stock uom is the roll.
The valuation unit of measure is the length, which for each roll, is in meters or inches. Most of the rolls are entire and are 10 meters long, for example. The stock management is expressed in rolls number but the stock valuation depends on the meters number. In the same way, the cost price of a set of 5000 t-shirts will depend on the length of material used for that set and not on the rolls number.

By: Red1 D. Oon (red1Project Admin) - 2008-02-22 20:34
I wonder if this is similar to the timber materials industry where one may import in imperial sizes and quote in metric sizes or vice versa. If so, then i think Hengsin has done something to extend our UOM conversion regime. try checking some older tracker for bugs or features on that.

By: Colin Rooney (crooProject Admin) - 2008-02-23 10:38
a product can have multiple units of measures. You can buy and sell in any UoM defined.

On the product window you define the UoM which is, in fact, the stocking UoM and there is one rule that exists which is, this UoM must be the smallest unit defined & used for this product!

You must define then the conversion rate between this Stock UoM and any other Uom you wish to use for this product. The product UoM and all other UoM for which a conversation rate exists will be available when creating documents.

So if you have two products; Fabric_A & Fabric_B, that you buy in rolls and sell in yards. You buy Fabric_A on rolls of 100 yards while Fabric_B is bought on rolls of 200 yards.

In the product window you define both Fabric_A & Fabric_B and set the UoM for both to yards.
THEN, in the conversion tab of the Unit of Measure window you define that the conversion rate between rolls & yards for Fabric_A is 100 while for Fabric_B it is 200. You must define both conversions .. rolls->yards & yards->rolls for BOTH product.

This seems sensible for something like rolls & yards that cab change but if it's say METRES & KILOMETRES which can only be one thing you must still define the conversion rate for each product!!

The rule on stocking in the smallest UoM is inherited from Compiere and was a design decision to ensure there would not be issues with discrepancies in stock quantities due to fractional/remainders when converting to from different UoM. There has been some discussion on allowing this rule to be by passed... you can search the forums & trackers on this subject to see what the out come was because I cannot remember :)

The question on how many T-Shirts are on a roll could be defined as a "each"->roll conversion rate ok. But there is normally much more involved in converting a roll of fabric into T-Shirts so you should probably look to the production windows for that. Depending on the complexity of production you may even need to look to the upcoming libero manufacturing in the 3.5 branch.

By: Arlindo Jorge MArtins Carvalho (rdc02271) - 2008-02-25 03:21
That would work except not all rolls are for instance 10 meters long, some are 11 meters, 10.5 meters long,etc.

Another example would be the found in the food industry:
Hams: The supermarket buys hams by number (we want 10 hams) but we pay by weight and we need to keep both values:

We receive the order the our supplier
3 hams: 1 ham weights 1.2 Kg ; another ham weights 1.254 Kg and the other weights 1.002 Kg.

The inventory is expressed in number of hams but both the purchase and sale need the number of hams and their weight.

By: Colin Rooney (crooProject Admin) - 2008-02-25 04:13
well perhaps I wasn't clear. The conversion rate must be defined PER product. So this wopuld be covered.

re: you other examples, I wasn't intending to say that the current functionality is complete & correct ... I was simply trying to explain to you how it functions now. The source code is there please feel free to improve it! ;)

By: Ramiro Vergara (rvergaraProject Admin) - 2008-02-25 07:08
Regarding your question:
"We receive the order the our supplier
3 hams: 1 ham weights 1.2 Kg ; another ham weights 1.254 Kg and the other weights 1.002 Kg."

This has to do more with the business process than the functionality of ADempiere. You can receive more qty than you ordered, if the quantity is within a small percentage (say 1% or so), this is normally done by the warehouse person, if larger would require management approval. You still need to match the supplier invoice with the received goods.

The above scenario is easy to implement via workflow configuration (for approvals) or small functionality changes, we have done it in some of our projects.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-25 07:27
Double UOM is not supported at the moment.

There was such request in the past, but no functionality was implemented since then.
Generally we need to add another field in 3-4 tables in order to track properly double UOM.

1.44 Interesting client

Bazaar Open Discussion

By: Paul Aviles (avilespa) - 2008-02-14 11:38

We have an interesting client with certain specific requirements and was wondering what you all think about it. This is a 2 store supermarket located in South Florida, USA. They compete with the largest chains by very aggressively controlling their cost, food quality and internal processes. This is a family business ran for 3 generations. Currently each store has about 8 customer lanes with Point of Sales where they can do credit card, process checks or pay cash for each lane. The POS system also has an interface to a scale system so they can charge produce, vegetables, meat, and similar items based on weight.

Each POS unit talks to a master server and sends the information to the processing agent, but in the event the main server looses access to the internet, then each POS has a dialup backup feature. Both stores have T1 access to the internet and point to point VPN tunnels between the locations. Additionally, if a T1 goes down, there is an alternate route provided with a Verizon Wireless WIFI CDMA router or similar and the firewall does the route switching.

On the financial side, they are using Great Pains. Now, I am sure someone will say, “Paul is Great Plains” and I will again say “no.. is Great Pains, ya know, the Microsoft product!” :-). They are using it to run their financial system on it for both locations. Now, they have created tons of add-ons to customize their business outside GP, so they POS is not really integrated, the credit card processing WINEPS server is not part of GP, purchasing has also help from a separate module to track Purchase Orders, Payroll is done outside with ADP and so on.

What they do have and is really slick is an incredible Dashboard module (also outside GP) that displays an incredible amount of information pertinent to run their business. It is really amazing to see. They are paperless, everything is scanned into pdf so, all PO’s, invoices, etc get attached electronically to a particular document, same as faxes, etc.

So, I will say that what they have works extremely well for them, better than I expected really, but having the separate systems is hurting them to maintain. The lead developer (son of one of the owners) took a job with Citrix, so while they are not in a hurry to replace GP, they do want to explore the options in the market.

They made very clear that they will consider a solution only if is robust and can grow with them without a lot of overhead. The current POS for example works pretty well for them even though is a batch import into GP or similar.

I would like to take this to the next step and get them excited about Adempiere so I am really looking to do a kick-ass Adempiere demo for them, but will definitely need the help here. Has anyone come across, has done work with a similar conversion or have the experience with retail POS, credit cards, GP, etc system?

One concern is the amount of customizations on the Dashboard they have as it is really sophisticated and I am sure they will not settle for anything less. Will see if I can get a screenshoot of it.

By: Colin Rooney (crooProject Admin) - 2008-02-14 12:05
re: Now, I am sure someone will say, “Paul is Great Plains” and I will again say “no.. is Great Pains,

By: Ramiro Vergara (rvergaraProject Admin) - 2008-02-15 06:08

The components are all there for a successful implementation, attachment of electronic copies of documents, use of POS (even with support of asynchronic updates in case of link failure is under development by trifon I believe), Credit Card authorization (done by ourselves and many others I believe), flexibility to enhance the ERP without major coding efforts, etc.

All those components in a single project as a replacement of GP it is harder to find. May be offering a proof-of-concept prototype supporting a sub-process may convince your prospect this is a direction worth following.

1.45 Date problem using Postgresql and PLJAVA

Bazaar Open Discussion

By: Goh Yan Chang (gohyc) - 2007-09-26 04:14
I have a OpenSUSE 10.2 installed with postgresql 8.2, pljava 1.3, java 1.6 and adempiere 3.3.0. I need to use multiple currency. Here is what I did. I defined a currency rate from SGD (ID 307) to USD (ID 100) and set it to spot rate and valid from 09/01/2007 to 09/30/2007. And I have problem posting the document as it keep complaining no conversion rate defined.

So I did a test using postgresql command using the currencyconvert function. I issue the following statement:
select currencyconvert (100,307,100,now(),114,1000000,0)
The statement returns nothing. If I use:
select currencyconvert (100,307,100,null,114,1000000,0) and it returns a correct result.

So I tried various date and found out if I put the date between 2037-08-11 to 2007-09-09, it will be able to get the correct result:

select currencyconvert (100,307,100,'2037-08-11',114,1000000,0)

Can anyone tell me what the problem is and how to fix it?

By: juanka (jccaleta) - 2007-11-21 08:15
Please, refer to following post:

PaymentTermDueDate error

By: Alejandro Falcone (afalcone) - 2007-11-21 12:22
This link:
http://sourceforge.net/forum/forum.php?thread_id=1870877&forum_id=610546

By: Goh Yan Chang (gohyc) - 2007-11-22 03:16
Wow! I tried and it works.

By: Heng Sin (hengsinProject Admin) - 2008-02-13 07:22
pljava 1.4 have been release and include the fix for this problem, you can get it here:
http://pgfoundry.org/frs/?group_id=1000038&release_id=1024

By: Matjaž Godec (agenda_gm) - 2008-02-15 07:21
Have You tested it ?
Because in the source code there still looks like bug is in. It could be, that it's solved somewhere else.

By: Heng Sin (hengsinProject Admin) - 2008-02-15 07:28
I've not tested the new release yet but it is mark as fixed in the tracker:
http://pgfoundry.org/tracker/index.php?func=detail&aid=1010251&group_id=1000038&atid=334

By: Tony Snook (tspc) - 2008-02-15 08:45
It appears that the problem has been solved differently in the 1.40 release.

Here is the diff for the change to timestamp.c implemented in the 1.40 Release:
http://cvs.pgfoundry.org/cgi-bin/cvsweb.cgi/pljava/org.postgresql.pljava/src/C/pljava/type/Timestamp.c.diff?r1=1.19&r2=1.20

I can't test, because the original problem didn't occur on my system.

1.46 PostBooks another OS ERP

Bazaar Open Discussion

By: Kai Schaeffer (kai7) - 2008-02-13 22:12

By chance I just noticed this OS-ERP System:
<https://sourceforge.net/projects/postbooks/>

Did someone already go into it? Any impressions?

By: Mark Ostermann (mark_o) - 2008-02-14 00:43

no, i haven't looked at the software at all, but i looked at the project in SF and its environment. They have been shooting past us - ADempiere - in SF statistics. But if you look a little bit deeper you will see, that it is one of these "commercial-open-source-software-projects" which has recently jumped onto the "open-source-marketing-train". If you look a bit deeper yo will even see, that all of the Forum Posts are done from 1 user. Even all Trackers have been launched by 1 user. Maybe all of the Trackers that were closed in the last few days have even been closed by one user or automatically?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-14 00:54
PostBooks uses Postgre Stored procedures. From technical point of view and from object oriented point of view software written with stored procedures is hard to maintain and extend.

By: Kai Schaeffer (kai7) - 2008-02-14 01:33
Yes, you are right. And if you look a little bit deeper you see that the post and trackers are just transfered from their own system to sourceforge. In the messages you have a link to their forum and there you have more users. And because they transfered all the older stuff in the last weeks they went up in the statistics. But it doesn't say anything about their product. And yes you are right that it is 'Proprietary Open Source' (for me Carlos don't need a Phd to create new terms). So we won't switch. :-) But it is always good to know what is going on in this sector. And isn't it funny, that the three most active sourceforge projects are ERP systems? Somehow it seems that the OS ERP time has come.

And thank you Trifon for you hint. For me it seems not so powerful and flexible, too.

By: omid (omidp) - 2008-02-14 05:45
Recently i installed postbooks
postbooks at a glance

Good point
- amazing categories in master data setup - accounting and so on
- very user-friendly forms

weak point
- postbooks has not workflow (or i could not find it) i think erp system without wf is meaningless
- only desktop application
- technical weakness is what trifon mention above

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-02-15 10:46
PostBook is a cut version of openmfg and other software open source commercial, the complete solution is openmfg and postbooks

http://www.xtuple.com/openmfg
http://www.xtuple.com/postbooks
http://www.xtuple.com/pricing

it only work with postgresql and was developed with GTK, they have versions to windows, linux and mac , also they have a reporting tools.

What is my impressions,when I saw openmfg in past and I remembered ERP the century past or
80 years with good functionality and old concept of create a window for each
functionality, I remembered when i had that maintenance the business logic the a old ERP this was task complex.

So the great issue of openmfg is his platform technology vs Adempiere that have an Application Dictionary, Workflow Engine, Persistence Engine and tegnology more used in world that is JAVA ;-).

but the more important the Adempiere is the comunnity :-)

By: Kai Schaeffer (kai7) - 2008-02-15 22:19
Yes you are right. The took the closed source application created at crippled version and opened the source for this. Somehow the are doing the same as Compiere the only come from the other direction. I really don't see the point of this concept. As a customer you are loosing all the OS advantages because if you really want to use this software you have to pay and have no OS anymore. The OS version is more the free demo. So what about the name "demo open source"? (Sorry red1, I don't have a Phd but after I finished my diploma I got some offers to make one, does this count, too? :-))

1.47 Print error NPE

Bazaar Open Discussion

By: Armen (armenrz) - 2008-02-12 00:25

I produce a weird error when previewing report, click Print button (or Page Setup button), it fails and the log says:

-----------> ReportEngine.print: Operating System Print Issue, check & try again [11]
java.lang.NullPointerException: null attribute
at sun.print.IPPPrintService.isAttributeValueSupported(IPPPrintService.java:1100)
at sun.print.ServiceDialog$OrientationPanel.updateInfo(ServiceDialog.java:2092)

I'm using Ubuntu 7.10, Adempiere 3.3.0, previous Ubuntu I'm using doesn't have this problem

By: Bahman M. (bmovaqar) - 2008-02-12 02:44
Just a wild guess: it may be related to the CUPS version installed.
And a wild suggestion: make sure CUPS is configured properly.

By: dellph (dellph) - 2008-02-13 02:03

Go to system->printing->job options the default is automatic. change it to portrait or others.

By: Armen (armenrz) - 2008-02-16 05:55
It works once I set to Potrait. Thank you.

1.48 3.4.0 Release

Bazaar Open Discussion

By: Matjaž Godec (agenda_gm) - 2008-02-15 07:25

Some times ago there was some hints, that 3.4.0 is due in february.
I'm a bit conserned about the fact, that lot's of new functionality is being put into trunk,
although freeze was announced.

So is there any plans for release of 3.4.0, perhaps we should set a date to guide us to the goal.

By: Eagle Express (eagleexpress) - 2008-02-16 02:57
My company has a client who is interested in Adempiere, but wants the list of critical bugs to be minimized before their implementation goes live (in a month or two).

Unfornately, our company has just started up and doesn't have the experience to try to fix critical bugs (we just sell implementation services right now). So I would appreciate if people would tell me how much it would cost for them to fix each of the critical (category 8 or 9) bugs. We'll try to get our client to pay for the bug fixing of at least some of them. The client is particularly worried about average costing of inventory and materials transfers from one warehouse to another.
Regards,
Moin
(moin@sysnova.com)

By: Armen (armenrz) - 2008-02-16 05:45
If you're pure implementor, you should always implement with the latest stable release, which I believe is 3.2.0

There's a lot of fix in Average Costing released in 3.3.0 but there are more pending issue as well that has not been fixed or waiting for other's opinion/thoughts.

Material transfer has some fixes in current trunk, in addition I know Victor's also working on Distribution method (i.e. Good in Transit, etc).

By: Eduardo Montenegro (emontenegro) - 2008-02-15 12:29
I do like the idea of a time based release and keeping the trunk stable.

By: Matjaž Godec (agenda_gm) - 2008-02-16 23:10
The main point in doing stable release branches is QA.

Goal is to:
- have everything included tested and working.
- Not working things disabled.

To achieve this goal following method can be aplied:

1. Create stable branch (it is not yet release) e.g. Adempiere34 branch (means Adempiere 3.4)
2. Have period of QA, bug fix, new functionality disabling in stable branch (most of cool new features can be done in trunk at that time)
3. Make Release TAG Adempiere340 (Adempiere 3.4.0) as first release of Adempiere 3.4
4. All bugs should be fixed in Branch Adempiere34 and periodical releases (Adempiere 3.4.1, ...) should be released
5. Bug fikses from stable branch into trunk should be transfered ASAP (so that they don't interfere to much with new functionality)

Time frame for release branches should be as short as possible.
Time frame for releases in stable branch shoul follow bug fixes. First release I suppose should be approx. 2 week after release

branch is opened (hoping all involved would do their best to stabilize and do QA as hard as they can). Later releases should follow critical level of bugs fixed. Hopefully we can make Adempiere so stable, that every bug fix would result in new release inside release branch.

As I mentioned I have some experinece doing this in CVS and it did work quite good in contrast to trying and hoping to keep trunk "production stable". Latter simply doesn't work.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-15 11:25
I think definitely the release policy on Adempiere is not working.

That's why I recently opened another thread to explore other ways to release - specifically pointing to a study of time-based-release instead of functionality release.

The policy "no-open-bugs-core-priority9" is not working.

1 - I found very little people working on solving those bugs

2 - I found very little people working on testing the "freeze"

3 - Just yesterday I think I finished the triage - now the list is 38 bugs

I'm asking again please for community wisdom to find a new policy to release.

A draft suggestion from my side:

a - Change the name "stables" by "maintained" - this is, versions that we agree to release patches or evolve versions to fix critical problems
b - decide if we want to keep trunk stable and evolve at faster speed a branch
    OR we can leave trunk to evolve quickly and open a branch to maintain the stable
    From my side - I suppose I'll work more in the stable than in the experimental.

I'm prone to keep trunk stable and have experimental branches.
We could have lots of branch experimental contributors (with rules from every branch owner)
And we can have trunk committers in charge of stable trunk evolution - and integrating things sent from branches.

We're hearing opinions and proposals. This could be decided with community votation.

By: Heng Sin (hengsinProject Admin) - 2008-02-15 12:47
As long as Adempiere remain a pure voluntary collaboration project:

* We are all bias to our own need. We didn't charge for work done for Adempiere trunk and would need to get income through other ways, most of us from our own projects. As a consequence, most of us would only work on issues that directly or indirectly related to our project works. A bug maybe of priority 9 or 7 but if it is not related to our project work, it is unlikely we will spend time on it.

* It is important to keep trunk relatively stable and make frequent time base releases. People/Company can come and go at any time, with a relatively stable trunk policy, the project wouldn't be screw up because of that.

By: Red1 D. Oon (red1Project Admin) - 2008-02-15 14:58
>OR we can leave trunk to evolve quickly and open a branch to maintain the stable
[+1 vote]

I like to support the view that volunteering is not consistent. They are there and growing, but we are open to more, much more. Let's have a suicide i mean recruiting drive among our local tribes.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-15 15:05
>OR we can leave trunk to evolve quickly and open a branch to maintain the
stable
my vote is for this too: [+1]

By: Matjaž Godec (agenda_gm) - 2008-02-15 20:32
+1 for stable branches too.
Actually I did some release management recently on quite taff project and study release strategies.
I still believe that "by the book" (CVS/SVN release strategies) is the best.
This means:

- Keep development in trunk
- Make Release Branch
- Stabilize Release Branch
- Release from Release Branch
- Keep bug management in Release Branch
- Regulary transfer bug fixes from stable to branch
- Make Release BRanch
- ....

We should have stable release branches on 3/6 month basis and release after approx. 1/2 - 1 month after release branch is opened.

I could voluntare to try and perform some release management in this fashion in the future if nobody else steps up.

By: Tobias Schöneberg (tobi42) - 2008-02-17 23:57
+1 for stable release branches

Lets go by the book and use svn the way it is intended to be used.

By: Tobias Schöneberg (tobi42) - 2008-02-18 00:30
Since my post https://sourceforge.net/forum/message.php?msg_id=4764932I worked with svn trying to figure out if one really needs to be an "expert super-volunteer" as red1 put it, in order to make it work.
Now I'm pretty sure that:
-Merging fixes from a release branch into trunk is generally as easy as an update
-Even I ;-) could do the job.

If we introduce release branches as proposed by Matjaž, I volunteer to monitor the release branches for changes (which would be just bugfixes, not new features, as I understand) and merge these fixes into trunk.

I'm sure that this would give non-expert-people a better motivation to commit their time to bug fixing and that the trunk wouldn't be less stable as it would benefit from the fixes.

By: Mark Ostermann (mark_o) - 2008-02-18 02:03
>OR we can leave trunk to evolve quickly and open a branch to maintain the stable
Let's do it. My vote is [+1] for this.

By: Matjaž Godec (agenda_gm) - 2008-02-16 23:32
I would definitely suggest to leave trunk open for fast development and make often release branches.
Perhaps in other post in this thread I forgot to emphasize that release branch is not automaticaly release per se.
Release branch is branch in which stabilization and QA is happening.

Releases are result of stable brunch testing, bug fixing and QA maintaining.

Experimental branches are cool to have for some "It may be working but it may also not" functionality. All real needed functionality should be put directly into trunk (So much more, since we have dynamic data arhitecture driven model, so DB model is changing also constantly).

To explain for 3.4 release branch I woul do following:

1. Today: Open branchses/adempiere34 and put todays trunk in it
2. Today: Announce release branch adempiere34 and explain that all workinig on QA, bug fixes, testing should check out and work in this branch.
3. During next week: Go through each menu item in menu and test basic functionality and if it is not already, identify maintainer of each. Every menu should have working and explained functionality or be disabled.
4. Next sunday: Open tags/adempiere340 and put current brnaches/adempiere34 into it effective taging it as release 3.4.0. Very important: NO DEVELOPMENT, CHANGING should happen in this TAG (Is it possible to make read only tag ?). All bug fixing should be done in release branch adempiere34.
5. Regulary periodicaly: Make tags Adempiere341, Adempiere342, ... depending on bug fixes and seriousnes of bug

fixes.

I would try to draw a picture of it for Wiki to explain graphicaly how it is meant to look like.

All advanced functionality should be put into trunk (everything that is now in 350 branch should be in trunk). Since so much work has been done already I would propose that we could make release branch adempiere35 as soon as April 6. And have release as early as Jun this year (as lot's of QA and testing should be put in exciting new functionality all hard working developers has wokred on in past years/months).

By: Matjaž Godec (agenda_gm) - 2008-02-17 00:42
Here is the picture of described process.
Please feel free to put it into Wiki, comment or do wathever with it:
http://www.agenda.si/~gody/Adempiere_release_management.png

1.49 Exploring the Impact of Release Management

Bazaar Open Discussion

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-05 10:28
These days I've been so busy, that I'm going to request a strange help :-)

First a comment about our release schedule:
- We set a target date (i.e. feb-1 for Emily)
- We announce the policy - Emily will be released when all bugs priority 9 on core are solved
- Today the list is on 14 / mostly thanks to the work of the habitual three amigos :-)
- Mostly all days someone different ask me - where are we going to release :-D
- Mostly always I repeat the same answer - when_the_defined_list=0
- But looks like nobody is working on such objective :-(

Well, to not become repetitive talking about the problems we confront without proper sponsorship- I suppose there can be better ways to achieve release schedule.

- If somebody knows about a better mechanism please bring it here to open discussion

[Now the strange request]

I found a 220 pages document on web:
"Quality Improvement in Volunteer Free and Open Source Software Projects: Exploring the Impact of Release Management"
http://www.cyrius.com/publications/michlmayr-phd.html

Can somebody study it and bring here some proposals/ conclusions/ comments/ references (sorry, not time for me these days to read it)

By: Red1 D. Oon (red1Project Admin) - 2008-02-06 17:57

After a brief read of what Mark read (!) It seems that time is not that important as compared to features and stability - and that is directly related to the number of committers and reviewers we have - which seems to grow quite a bit when we had the last Bug Day. So i suggest lets work from that angle. From the new developers that joined us, can we put them into the 'Committer Tree'?, i.e. see those who are quite good in their work and place them under another mentor with commit rights and they probably be focusing on certain functionality rather than the whole code system.

And should we push subject matter persons to be a 1st level committer too? I m thinking of ppl like Colin and he can mentor other SMEs that has commit capablities (just like him).

In looking back the last months, i think the progress of adempiere has gone steadily up well, with more energy, and the spark plugs just have to be constantly tuned to the RPM of the engine. Meaning we can try to suggest improvements to the strategy in bits and review openly anytime someone brings in more energy.

Thanks for the link Carlos. I am adding to the must-read pdf list.

By: Mark Ostermann (mark_o) - 2008-02-06 15:28
thanx for posting this link to the Open Source Study from Martin Michlmayr with the title “Quality Improvement in Volunteer Free and Open Source Software Projects - Exploring the Impact of Release Management”. I’ve excerpted parts of the study, so that you don’t need to read all of the 220 pages – it took me even 2 evenings (this evening even watching a soccer match now and then; germany won against Austria 3:0) to get through - and can use the time for other things. ;-)

Although the study is very interesting, and it’s worth reading it. The author has more than 10 years experience in Debian Project.

I believe the most important conditions and conclusions for a Open Source Project to move to a time based strategy are described in chapter 6.2 Time Based Strategy as an Alternative.

I haven’t commented the different parts of the excerpt in detail. After reading the whole thing, I believe that moving ADempiere Bazaar to a time based release strategy would allow the shortly implemented mechanisms (e.g. Bug Triage, ADempiere Bug Day) to evolve faster so that ADempiere becomes even more interesting for new projectmembers (although I believe that we are on a quite fast lane already – and some things just take time).

So let's discuss about it!

Excerpt from “Quality Improvement in Volunteer Free and Open Source Software Projects - Exploring the Impact of Release Management” from Martin Michlmayr

Conditions that should be met:
1. Enough work gets done: with time based release management, new releases are made according to a certain interval. This strategy cannot be used in projects where there is no guarantee that enough work is done during an interval to warrant a new release.

2. Distribution is cheap: since time based release management relies on the publication of regular releases, the distribution of new releases must be relatively inexpensive and easy.

3. The next release does not require specific new functionality: the main focus of time based release management is time rather than specific functionality. It is therefore not suitable for projects in which specific functionality needs to be delivered with the next release, which tends to be the case in traditional software development.

4. The code base and project is modular: it is important for a project to be modular because this allows individual components to be developed, fixed, released, and also taken out again independently.

Summary for a time based strategy as alternative:
The time based release strategy allows the introduction of two important mechanisms that reduce the amount of active coordination that is needed in a project: a regular release cycle and a schedule. The implementation of a schedule based on the completion of features is difficult, if not outright impossible, in a distributed project consisting mainly of volunteers over which the project has little control. However, by using time as an orientation, planning
is possible. Dependency information between different activities and actors can be written down in the schedule and deadlines can be instituted.

Advantages of Time Based Releases:
A project employing a time based release strategy with a well planned schedule and regular releases is associated with a number of advantages compared to projects which follow feature-driven development that is often associated with an ad-hoc release style.

Four classes of stake-holders are affected by the release process and they gain the following benefits from a time based release strategy with predictable and regular releases:

• Organizations: the predictability of time based releases allow organizations to plan their software deployment better.

• Users: projects which follow a regular release cycle can provide users with fixes and new features periodically. … Finally, regular releases are an indication that the project is doing well. … It may also create excitement among high-end users and give them an incentive to get involved in the project, for example by providing feedback.

• Developers: contributors know exactly when they have to finish their work in order to make it into the next release. Their contributions will get published and shipped to users relatively quickly, and this may be associated with increased motivation,

• Vendors: projects with clear schedules allow vendors that would like to distribute the software to make better decisions as to which releases to use.

In terms of the development community, time based releases may offer a number of advantages compared to ad-hoc releases. In particular:

• Create discipline: well planned releases are associated with a more organized development process and over time lead to discipline in project participants.

• Allow better planning: regular releases help planning because the time frame is foreseeable. Furthermore, they give developers experience and the schedule can be adjusted accordingly.

• Lead to better feedback: Time based releases allow the publication of regular releases and therefore create a much tighter feedback loop with users.

• Contribute to motivation: regular releases may increase motivation and the output produced by contributors.

In summary, time based releases may motivate developers and enhance their output by creating a tight feedback loop with users, guaranteeing that their contribution will be made available to users fairly soon and prompting them to finish their work in order to make the next release. The time based release strategy also promotes more discipline and allows better planning, both of which may contribute to the quality of the software. In addition to creating

benefits for the development community, time based releases offer a number of advantages to all stake-holders, especially predictability, which is appreciated in particular by large organizations and vendors that rely on the software produced by volunteer FOSS projects.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-06 20:19
Hmmm, maybe we could invent a new project release policy -> "baby-based" ;-)

Thanks a lot Mark - I read the chapter 6.2 as well as your good summary.
In which position are we?
> 1. Enough work gets done
Well, the speed of work at this moment allows us to release often.
What I'm not sure is why is this going to affect quality - maybe with time based we could release "milestones" but I'm not sure if we could call it "stables".
And the other problem is maintenance of "stables".

> 2. Distribution is cheap
In our case I think is not cheap - most of the times involves an IT person executing scripts, reviewing customizations against the update, testing and fixing possible problems.

> 3. The next release does not require specific new functionality
Well, it's not easy for Adempiere to release partial functionalities, "time-based" approach could compel us to accept just complete functionalities. Anyways, as we try to keep the trunk stable this policy applied.

> 4. The code base and project is modular
:-(we're really far from that - but maybe knowing this we can work toward this.

Maybe we could make a mix of policies.

Release a "milestone-release" every 3 months (timely-based) and commit to make a freeze every year to release a stable.

Implementors must find ways to "$ponsor" at least maintenance of "stables".

And with more "$upport" we could even try maintenance of some "milestones".

By: Joel Stangeland (jssolutions) - 2008-02-06 21:45
Some things to keep in mind...
Adempiere is an Open Source project, so technically, we release every time there is a commit. This is a paradigm shift from old release strategies, when the only time people could get something new was a 'release'.

For us, a release is marketing. An announcement that we have reached some milestone of either increased stability or some significant added functionality. It helps people, and helps us.

ADempiere has made important releases in a regular manner, let's just keep it up!

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-06 22:11
You're right, well, if we count a release as liberating people from the burden of update+build - then technically we're releasing every night [thanks to the nightly build made by Heng Sin and sponsored by Idalica]

Well, there is an additional need for implementors -> Stable Releases
And more important -> Maintenance of stable releases
In this case is not just marketing - is about trying to guarantee stability in a production project while the trunk evolves at a different pace.

By: Mark Ostermann (mark_o) - 2008-02-07 03:13
Ok, volunteers forward. We need someone that want's to be responsible for the next stable release in 9 months. :-)
Now my thoughts/ opinion about this.
Conditions:
> 1. Enough work gets done
We are on the fast lane with ADempiere. The last 17 months was very exciting. Alot of works has been done and it does not seem as if this will change. So we would have enough stuff to release often.
> 2. Distribution is cheap
> In our case I think is not cheap - most of the times involves an IT person executing scripts, reviewing
> customizations against the update, testing and fixing possible problems.
I believe that Distribution is very cheap for ADempiere! We don't have to put ADempiere in Boxes and bring it to shops to achieve it. You can go to ADempiere Bazaar and download it.

I think what you ment is the Problem of the stakeholder called Vendor or Organisation. The Migration of an existing ADempiere Implementation costs Time and Money. This is an important aspect for the descision "What should the ADempiere Release Cycle be, in a time based Relese Strategy?". This is discussed in the study too. There we have Desktop Software like OpenOffice.org having a rather short Release Cycle (3 Months) and ther are Server based Applications which have a longer Release Cycle (6-15 months). But both have a cheap distribution.

> 3. The next release does not require specific new functionality

> Well, it's not easy for Adempiere to release partial functionalities, "time-based" approach could compel
> us to accept just complete functionalities. Anyways, as we try to keep the trunk stable this policy applied.
I agree. The important thing is, that the next release CAN have new functionalities and not MUST. With Release cycles that are regular and transparent (the project descides which is the main aim for the next release "more stability" or "more functionality"), people are able to think about what to put in which release at a very early point in time.
> 4. The code base and project is modular

> :-(we're really far from that - but maybe knowing this we can work toward this.
Yes indeed. We can go on working towards this. This condition is important to assure to be able to bring out the release as announced. If the codebase is modular, one could release in time even when an early planned functionality/ change for this release is not stable enough. You can then just put the last stable component into the planned release and move the planned one to the next release.

I am thinking about, if this condition can be compensated with our aim "the trunk must be stable" but "development branches don't have to be".

I like this time based thing. Alltogether i think that we are already on a fast lane towards this strategy. A new Release has come out every few months, always with focus on quality and stability in trunk and release version. I believe it is just a rather small step for us to work with a time based release strategy.

So what are we talking about? Joel brought it to one important: Marketing! Yes it is Marketing, but who or what is the aim for this Marketing? -> Our Stakeholders: Organizations, Users, Developers and more and Vendors. I believe that making the release plan even more transparent/ plannable (no criticism, Carlos and other "amigos" you've done a great job till know. thanx alot) before and on a more regular basis would meet the needs of all these stakeholders and will make ADempiere even more "sexy" (even if some some may say that ADempiere isn't :-)) for new stakeholders (especially Developers and more e.g. Consultants, Tester, Documenter, ...) as it is already.

What about a release cylce of 6 or 8 months for releases maked as stable and development? Three/ Four months with focus on functionality -> after that three/ four months with focus on more stability. It is transparent, plannable and has a clear focus.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-05 12:08
For me the answer is in this words:

This research has identified considerable interest amongst the FOSS community in a novel release management strategy, time based releases. In contrast to traditional development which is feature-driven, time based releases use time rather than features as the criterion for the creation of a new release.

I think that currently we are trying to mix time based releases: (we have appointed [feb-1 for Emily])

with Feature based releases
(We announce the policy - Emily will be released when all bugs priority 9 on core are solved).

My personal opinion is that we must stick to one of them.

My preference is time based releases. Every 2 or 3 months to have a release.

By: Tobias Schöneberg (tobi42) - 2008-02-07 07:24
I agree, we should stick to one principle, to make the development process more transparent and more comprehensible to newbies as myself.
Our crucial trade-off is between innovation and stability. We need both and at any time there are enough people willing to make efforts towards either goal.

I would sugest the following procedure:

1. When a new (time based release) is scheduled, trunk is copied to a fresh release branch (e.g. adempiere340).
2. New features are added to trunk
3. As long as there are severe bugs (say prio > 5) in the release branch, *none* of these fine new feature will be added to the release branch.
4. Bugfixes can be merged between trunk and the release branch (thx to svn).
5. If the release branch is considered stable before the release date, it is tagged and we can discuss moving in new features from trunk. If these features introduce too many new bugs to be fixed till the release date we can at least go back to the tagged version.
6. At the release date of say Emily we automatically schedule the release of ADempiere_350 and create a new release branch from trunk. That way the release branch will contain the new features that have been added since the last stable release.

I believe that way we can accomplish both stability and innovation. I think we should decide on the length of each release cycle (e.g. 3, 6 or 12 months until the next release) after assessing the addidional (and potentially unstable) features that will enter the new release branch.

The important point is that everybody knows: once scheduled, the new release will happen at the respective date and to that date we can work on making it stable.

By: Matjaž Godec (agenda_gm) - 2008-02-18 02:44
> 6. At the release date of say Emily we automatically schedule the release of ADempiere_350 and create a new release branch from trunk. > That way the release branch will contain the new features that have been added since the last stable release.
I would recommend not to create release branch at previous release date.
Release branch should be created at the "point of functionality freeze".
And all bug fixes/QA for actual release should be made at that branch.

And please, use Adempiere34 and Adempiere35 as Release Branch and adempiere340, adempiere341, ... for release tags.

It should be obvious that fixes, minor enhancements etc should be developed in Release BRanch and periodicaly moved to tags as stable (read only) releases/tags.

Bleeding edge developers can develop new cool functionality in trunk almost uninterupted.

It is however cool to schedule next release date target. Just so that all contributors have some info, when it is wished for functionality to be in somewhat usefull state.

By: Red1 D. Oon (red1Project Admin) - 2008-02-07 16:49
btw can our testadempiere.com and hudson sites carry our SourceForge logo id? It will help our ratings! :-)

Thinking radical here... I wonder if we can very regularly (monthly) just issue releases + release migration scripts for all users to upgrade and test (in their test environment before they switch over to production). This means that we will always have bugs (nothing new to anyone on this planet); we will always upgrade (maybe a new strategy of ADempiere's direction to always grow for all userbase out there to really invite them to test enbloc rather then selectively and choose to fall back to old versions. With free migration scripts and a nomadic community perhaps we should educate the userbase to think 'always upgrade'.

This will also mean there will always be a constant patching regime in between the months. It can become very aggressive for userbase to jump into the bandwagon and keep shouting back to the engine room that some valve is open. The more conservative userbase can upgrade in deferred and spaced or planned mode such as take fewer monthly releases or/+ X days later and apply the patches together, again doing tests in test server of their main operations processes and then moving to production when verified. This can mean a way of forcing the market to invent an approach of creating automated testing scripts that verified its common processes. Perhaps this can be part of the ASP regime.

By nomadic i mean that we cannot maintain-think much further than present-future version, and its no fun to look back.

Why this plan is good? Firstly it says, 'userbase out there' more than developers in here. This is a people govt and we must stay away from Washington (sorry for scooping Obama's words in here). 2ndly 'when something is not right, a new mob appears'.

Otherwise Tobi's idea of branch release sounds ok, but again i think the previous debate over this was insufficient expert super-volunteers - but i think this has radically changed from 3 amigos to 6 amigos now. :-)

By: Colin Rooney (crooProject Admin) - 2008-02-08 04:50
One point to keep in mind when thinking about stable releases...
I would say our approach to developing outside of the trunk and commiting complete enhancements/patches means our trunk is actually very stable in itself... it definitely has more patches and so is probably more stable than some stable releases :) BUT and this is the point, the idea of the stable releases was because we recognised our business customers adverse to the risk involved in implementing/migrating and even upgrading so the stable releases are releases to be installed because they will be supported long term meaning they will not hav eto upgrade every 6 months to get patches to their problems... that was the plan at least. I don't see anybody except Carlos patching 3.2 for example. I too am guilty of that but I have no customers on 3.2 (or anything else) so that's why I never do :)

I remember I did suggest something like tobi during the original debate (http://www.adempiere.com/wiki/index.php/QAProcess), but for good reasons it was decided to maintain one trunk until release. Just from memory I think the argument was (and it was a good one I agreed with at the time); splitting the trunk into Release Candidate (new branch) & Development (trunk) would split the developers and we needed all to get the fixes done as quickly as possible. BY freezing the trunk and saying nothing can be added until the serious/priority problems are fixed in the trunk encourages all to help out and get the fixing done so people can again add enhancements to trunk.

Not that we cannot review & re-evaluate things now ... just adding some background! :)

By: Matjaž Godec (agenda_gm) - 2008-02-18 02:51
I would like to add my 2 cents again.
QA/bug fixes and new functionality development doesn't mix very well.

From our first real implementation (not internal for our use) we see, that most bug's are discovered by end users not by developers or even QA testers.

But it is very hard to work on bug fixes if You have moving environment as it is in trunk.

There is always something new in it, so that one doesn't know if it's OK to aplay or not.

As it has been mentioned in some other thread, applaying bug fixes from stable branch to trunk is trivial.

1.50 New ZK WebUI for Adempiere

Bazaar Open Discussion

By: vinhpt (vinhpt) - 2008-02-15 02:15
I built new Adempiere trunk (4646) and found new New ZK WebUI for Adempiere (by Posterita)
So what we will follow the new ZK WebUI or the old one WebUI (by Rob Klein)
Does the New ZK WebUI will replace the old one WebUI???

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-15 10:37
I suppose we're leaving this to Natural Selection

Unmaintained code tends to disappear
http://en.wikipedia.org/wiki/Natural_selection

From my side, I'm injecting some of my DNA on the new ZK WebUI because I found it more stable, easy to understand and easy to maintain.

By: vinhpt (vinhpt) - 2008-02-15 18:09
I also like the term Natural Selection.
I will do the test with new ZK WebUI.
Would you tell me the way to debug ZK WebUI with the eclipse???

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-15 19:17
Hi vinhpt, to debug ZK WebUI I'm following same old instructions from Redhuan for remote debug or server side.

By: maxjaramillo (maxjaramillo) - 2008-02-18 09:55
Is it my impression only, or does the "old UI Html" actually navigate better than the newer ZK WebUI?

It would be a shame if the newer webui were to sacrifice the navigational speed of the former.

1.51 Implementation stack profile

Bazaar Open Discussion

By: Ivan Popov (johnniepop) - 2008-02-13 07:41

As Kostadin already explained in this post: https://sourceforge.net/forum/message.php?msg_id=4775194
our company is involved in officially the first ADempiere implementation in Bulgaria. We've done a lot work to prepare ourselves for that complex task but still there's a long, long way ahead of us. All of the time we meet difficulties, new requirements, surprises, etc. And there's always questions - how to to that? what's the best way of doing this? and so on, and so on...

We believe a shared experience is good for the community that's why I'll explain in short our way of managing things.
Our implementation stack consists mainly of three server machines:
1. One dedicated server (Production) with Ubuntu Server Edition Linux and only ADempiere on it.
2. One spare server (Testing) used for testing experimental functionalities. It is equipped with eclipse and always fresh source from the svn. Here our stable functionalities are compiled along with the mainstream source and finally tested before deploying on the production environment.
3. One experimental server (Development) where conducting the new functionalities takes place. It takes the the major load of the development process.

We wonder if this is the right decision and is such scheme enough, especially for such small business environment like our Client's (local company for heat vessels production)?

There are many additional questions that arise and we find decisions on the fly according to the system's capabilities. But there's always doubt if this is the best approach.

For example lets mention the way to migrate Roles between the servers. The best and fastest way known to us is 2Pack. Yes but there's a two fold problem:
1. Client's administrator has no access to packaging functionality by default.
2. SuperUser and System user don't have access to Client's data and consequently to the Roles to be migrated.
Our fix for that was to simply let the Client's administrator have access to the PackOut facility. This is made in two steps:
1. Go to the Client's administrator 'Role'. From the Window Access and Process Access tabs add the new records - according Window/Process (search for PackOut in the drop-down list).
2. From the 'Table & Column' search for the table 'AD_Package_Exp' and in the field 'Data Access Level' switch to 'All'.

Of course there is extremely faster and more easier way to migrate data - just export the database of one server and restore the ExpDat.dmp file to the other, but that's not always possible, and sometimes is even undesired.

Far more complex task that we're dealing with at the moment is how to properly import the Business Partners and available quantities for the products into the warehouse.
Any suggestions on that?

Regards and thank you for the support so far!
We're staying tuned and responsive.
jp

By: Red1 D. Oon (red1Project Admin) - 2008-02-13 08:07
Are u talking about exporting from one server to another? If so it is the same situation as my company is doing. Now my staff trying to study both 2Pack and Replication approaches.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-13 08:14
Import can be done with:
1) Built in Import Loader. This works if your data is in csv or other flat text format.
2) 2Pack.
3) Replication functionality.
4) EDI functionality.

I support a tool(ADCK)which can export/import in xml format.
Currently i'm extending the import of Business Partners as i need to migrate Business Partners for one installation.
you can get the project from SVN Server:

Export is done with:
https://adempiere.svn.sourceforge.net/svnroot/adempiere/contributions/253b/comxe/_ad2xm

Import with:
https://adempiere.svn.sourceforge.net/svnroot/adempiere/contributions/253b/comxe/_Project-ID-TEMPLATE

There are example xml files.

I forgot to answer to this question.

Configuration is not so important. You can build any configuration. Most important in team development is to have strict discipline and not allow anyone to change anything in AD without proper documentation. Sources are managed with SVN or CVS server, but Application Dictionary in most cases is not managed in Version Control. And this is where you can have headache. Control and audit of AD changes.

I manage AD information in XML files which allows me to use Version Control server.

By: Ivan Popov (johnniepop) - 2008-02-13 08:23
Well it is a bit about mirroring the production server from the testing server in most of the cases.

2Pack is good, although tricky sometimes.
As for the Replication we haven't tested it yet. I know Trifon works on it and as long as I know it's pretty new and not completely ready.

As for the importing BPartners of our customer - until now they've used software which exports into Excel spreadsheet, so pouring the record into ADempiere is not difficult. Stocks appearing into the warehouse is ;)

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-13 08:56
Trying to keep up-to-date with trunk is a big task - I won't recommend it for production systems.
My recommendation (obviously this is a matter of taste - others think different):

- Production sites to be installed with stable versions
- Bugs solved in stable versions to be released as patches
- In future I hope stable releases to implement more than patches, but also important enhancements/improvements, releasing 3.4.1 after 3.4.0 ...

- Don't touch core for your customizations and improvements, maintain them in a separate project
- If you need to customize a core class, copy it to your project/extend directory and modify it
- If you need to patch a bug of a core class, or integrate something that is implemented already in trunk, then copy the core class to the same directory on trunk and modify it

This is thinking to help you to upgrade easily to new stable versions in future.

It's intended that you must synchronize all changes in extend directory, and possibly drop all changes in core directories of your projects when migrating to a new stable.

Now, to maintain changes on AD on a distributed development environment - this is the hardest part.

I would consider having all project changes to AD as migration scripts, (using centralized ID if your team is distributed, using AD_Sequence if your team is local)

By: Ivan Popov (johnniepop) - 2008-02-15 07:30
Our tight time-frame and enormous quantity of work don't let me answer as quick as I wish.
So one thing at a time:

Thank you for the exhaustive list of possibilities, Trifon. So far we managed to set up our BPartners and Products with the built in Import functionality. Once you grasp its idea, it is pretty easy to use. As for the tools you gave links for I'll check them out as soon as I can.

As for your remarks on the Implementation-Development stack - notes taken. We've been discussing some the things you say about the AD and we've come across some similar conclusions.

Carlos, thanks for your remarks too.

I'm afraid I mislead you a little - our 'fresh source' is not from the trunk - we're not so brave yet :) I was talking about the stable source (the one from the 3.2.1 branch). I said it is fresh, because it is continuously patched with bug fixes, wright?

Your advises on how to manage with core and the rest of the source, and the AD are very useful.

We managed to import the availabilities of our products through an Invoice and Material Receipt with ficticious vendor. For now it looks OK. For now we're devoting some time on the translation and Management of the Roles which is not so interesting. I'll keep you all informed on the problems and solutions pursuing our progress.

By: Ivan Popov (johnniepop) - 2008-02-18 00:49
We already have initially working Warehouse functionality and we're aligning ADempiere to the old software in order to replace it soon. In order to have useful accounting on that Warehouse functionality, we need to import the Initial Open Balance for all of the Vendors. We consider the following approach:
- Simulate the open balance by importing artificial payments from the Vendors, which forms a liability (from us to them). That's nice but we wonder if from the accounting point of view this liability duplicates the product availabilities (until we make some real payments to the vendors).

By: Bahman M. (bmovaqar) - 2008-02-18 01:12
In order to achieve the correct open balance in ADempiere, I'd suggest you use GL Journal window to post manual transactions.

By: Colin Rooney (crooProject Admin) - 2008-02-18 03:05

see http://www.adempiere.com/wiki/index.php/Establish_Opening_Balances
for a best practise on migration of existing accounting balances.

By: Alfred_Jones (alfred_jones) - 2008-02-18 15:38
A comment on http://www.adempiere.com/wiki/index.php/Establish_Opening_Balances

Importing a list of sales invoices created to populate the Accounts Receivable ledger and credit a debtors suspense account works well because no inventory transactions arise from Invoice Customer.

Doing the same thing with a 'fake' product to populate Accounts Payable leaves a bunch of unmatched vendor invoices looking for a matching material receipt to appear. This happens (release 3.3.1t) even with a fake product flagged as a service and not stocked. A better solution may be to modify the import invoice routine so you can import a Charge instead of a Product as this will have no material transaction implications. Does anyone have an alternative solution to this issue?

1.52 DB2 Database Port

Bazaar Open Discussion

By: Grant Q (grantq) - 2008-02-14 17:56
As some of you would be aware I have been working on the WebSphere/Geronimo Application Server port of Adempiere with the help of Stuart N and John S in Sydney. Although there have been a few technical difficulties, work will be continuing and we will soon hopefully have things working and documented online.

Work is about to commence on the DB2 database port of ADempiere. This will be the first major project that I have worked with Hibernate and I was wondering if anyone who has done development in ADempiere involving the database had any advice on the best way to proceed. Any hints or tips regarding the database structure or anything related would also be much appreciated.

By: Red1 D. Oon (red1Project Admin) - 2008-02-15 15:17
Not been an expert flyer, let me start with some low level dirty flying if it can help. Our deebee's ERD structure is inherited from closed shop Compiere AD Model and in the trunk u can still find unexploded shells such as its ERD with the DM ext. Been Oracle DB originated, it used to have lots of data model triggers for before and after save of tables. Now those are completely in programatical form in the PO stack. Been java based i guess all this doesnt matter, as the OO part of jdbc connection with some star wars (C3PO robot) that has a pool in it for anything to swim.

There is this PostgreSQL porting effort that uses a CONVERT statement to what else? i guess convert some spaghettis called PLSQL or other pregnant procedures to run well in PG too. I keep hearing alot of screams from the operating theatre and they seem to be swearing at this doctor called PL/Java. Whoever he is, he ought to leave the other doctors in peace and find another planet. Anyway, they stop screaming when the PG baby comes out, i.e. gets setup finally.

I think the DB2 baby, i mean its IBM mother is getting pregnant at the right time, cos with two nicely sleeping babies (oracle and PG) already out, the labour pains shouldnt be that bad.

By: Red1 D. Oon (red1Project Admin) - 2008-02-15 15:26
I forgot to add that they work at the Saint Hooh-Sehh's Hospital which is a voluntary hospital. But they got pretty nurses.

Btw if u want to know the names of the doctors who delivered the PG baby i got their names here. They are Dr. Perez, Dr. Hengsin and Dr Carlos. The others are just nurses. And oh, there is also this anethesiatesist by the name of nurse Fernando.

By: Kai Schaeffer (kai7) - 2008-02-15 22:06
Now there are only some questions left: Who is the mother? Is the father known? Or was is some kind of immaculate conception?

By: Red1 D. Oon (red1Project Admin) - 2008-02-15 15:03
Did 'everyone' missed this thread? Or maybe there are too few 'direct experts' on DB2? Is that a factor? Can other DB 'experts' lend some thoughts? :-)

By: Shaggydog97 (shaggydog97) - 2008-02-16 09:22
In my opinion the biggest benefit of this port would be from the iSeries (AS/400) or AIX community. Without starting a forum war, I just don't understand much reason to use DB2, on any other platform when postgres is just as good and completely free, unless you are a DB2 expert or just hard-headed.

I've been working with iSeries and DB2 for a good while, and have also been testing ad3.3.1 on a Power mac with Fedora 8 using parts of this wiki to get started:
http://www.adempiere.com/wiki/index.php/How_to_Install_ADempiere_on_P-Series_with_IBM_JAVA_%26_SLES_64bit

All is well, but I cannot compile on this setup because of sun's lack of a JVM for ppc64, or adempiere's dependency on a couple sun packages.

The iSeries community is fairly large, and mostly locked into their legacy software, because of large investments in IBM hardware. Most organizations are not willing to let this investment go to waste, but would be willing to try adempiere, if it would run on their iSeries. It's a good solid platform, but is very overpriced, not good for the small shops anymore.

When taking both aspects into account, it seems easier to get rid of the sun packages first, possibly making adempiere JVM independent as a fringe benefit, so we can build on ppc64 platforms. See tracker:

http://sourceforge.net/tracker/index.php?func=detail&aid=1710023&group_id=176962&atid=879335

Then get up and running with Web Sphere, working toward J2EE independence as a fringe benefit. I'm not sure how close adempiere is on this.

After that the db2 port could be worked on. And without much modification, we could run on a bunch more platforms: OS/360, OS/400, AIX etc.

All this will broaden the client base. I have been watching the arguments for db independence, and am indecisive on the matter... Honestly if we have all the major platforms covered I think were OK.

By: Grant Q (grantq) - 2008-02-16 04:25
So Dr Perez, Dr Hensing and Dr Carlos, what is the diagnosis? My understanding is that the majority of work will be in translating the stored procedures to work with DB2. Are there any other areas that will require significant effort?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-18 23:16
First of all - welcome to the bazaar!
About DB2 port I think there are two ways of doing this. I think the suggested approach will depend a lot on budget.

Option 1 - Convert Layer for DB2 - quick
Option 2 - Make Adempiere more db independent - slow but better

About Hibernate: I don't know nothing about Hibernate, so, I'm not the right person to advice you there.

Maybe the best person to talk about Hibernate on this community is fernandoxavier, from the fork discussion he said us he finished an hibernate port working for postgres confronting some performance problems.
http://red1.org/forum/viewtopic.php?t=931&postdays=0&postorder=asc&start=100

Option 1 - Convert Layer for DB2
Well, I've said a lot about the convert layer in past:
http://sourceforge.net/forum/message.php?msg_id=3914382
http://sourceforge.net/forum/message.php?msg_id=4291799
http://sourceforge.net/forum/message.php?msg_id=4474589

To construct a Convert_DB2 must be something "easy" you can start reviewing five classes:
* ConvertMap_PostgreSQL
* Convert_PostgreSQL
* Convert_PostgreSQLTest
* Convert_SQL92

* Convert

Starting from there I think you can do a proper Convert_DB2 layer

As I said in past I consider that convert layer is not the best approach, but it has proved to be enoughly stable now for postgres, so I'm more confident now that it can be workable for any database.

Option 2 - Make Adempiere more db independent
Be with hibernate or any other approach I think the work is similar.

The complexity of the work is about lots of Adempiere classes having SQL statements - many of them not written following strict SQL some-standard compliant rules.

So, in this case maybe the proposal from the Technical Roadmap can serve:

"

2 - Complete database independence

My proposal to achieve this goal is:

2a - Replacing all database specific SQL into standard SQL

2b - Replacing all pl/sql, pl/pgsql, sqlj code with java code

2c - Convert layer must be minimal, just for some functions that act different in database (i.e. current TO_DATE function on DB)

2d - With the previous work completed we can finally declare postgres port as stable!

2e - DB2 port

"

My last advice: I would encourage you to work within an adempiere svn branch.

1.53 Copy POs in a Procedure

Bazaar Open Discussion

By: Chris Farley (northernbrewer) - 2008-02-19 09:53
Entering new products can be very tedious and error-prone for us. There are a lot of records to create... you have to create the product, enter prices on multiple price lists, enter a bill of materials, etc. It takes my purchasing manager 5-10 minutes to create a typical product, depending on the complexity.

I would like to create a procedure to fill in the product prices and bill of materials on a newly created product by copying records from another product.

I was pretty excited to see a constructor in PO.java that creates a new PO from an existing PO. But none of the model classes I am interested in permit the use of this constructor. There's also a static "copyValues" method in PO.java, but it's got protected access, and uses all sorts of protected/private fields...

Is there any sort of generic technique to copy Adempiere persistent objects easily? Or do I have to hard code the copying for each field I am interested in? I would prefer to do it 'generically', so that if new fields were added to a particular persistent object in the future, my code would still work.

Any ideas/tips/pointers? Thanks!

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-19 19:10
I think something like this must work:

```
MProduct sourceprod = new MProduct(ctx, 133, null); // Patio Chair
MProduct targetprod = new MProduct(ctx, 0, null); // New
MProduct.copyValues(sourceprod, targetprod);
targetprod.setValue("NewPChair"); // to avoid unique constraint
targetprod.save();
```

By: Chris Farley (northernbrewer) - 2008-02-20 06:40

Awesome! Thanks. I don't know why I didn't see that....

1.54 Serial Number length

Bazaar Open Discussion

By: busybee (gunda) - 2008-02-14 14:00
Its me again with a different and issue really important to us. I am happy with the serial number implementation inAdempiere (although it would be nice to be able to import a whole lot of them at once). However, I have the following problem: we need to track serial numbers that have a 35 character string. In the postgres table, the string is a var char of 40. We can only get a 20 character string in.
I have not found any other settings for this.

By: pmdw (pmdw) - 2008-02-20 08:02
I have been looking to the serial number issue on the database side of things and
have found the following.

There is a field called “serno” in the following tables
a_asset
a_assetchange
m_attributesetinstance

There is also a field called “sernoctl” in the table m_attributeset (I do not think it isrelevant but it maybe linked)

In the a_asset table the serno field is a character varying 255
In the a_assetchange table the serno field is a character varying 20
In the m_attributeset table the serno field is a character varying 40

I think the problem we are having is with the field in the a_assetchange table.
The serial numbers in a_asset and a_assetchange appear to be linked to the same asset items but are not the same size

A few questions here.
1) Is there a reason why all these fields called serno (serial number) are of different sizes?
2) If I were to just do an alter table on the serno field in the a_assetchange table.
a) Would this allow us to add the serial numbers in that we want or would this break something somewhere else?
b)Would it be possible to have this (larger serial number field) be added into future versions of adempiere?

1.55 DTD or XSD file of XML

Bazaar Open Discussion

By: ama (ama71) - 2008-02-25 06:24
I have exported a purchase order in xml file. I need now its xsd or dtd file. Further, it exports only header block and body block i.e. product information is missing. I'd appreicate, if some could help me.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-25 07:16
This is functionality at the moment.
If you need to export in tree structure you need modify Adempiere.
You could use Replication functionality or external application to export.

1.56 ADempiere on dedicated linux server

Bazaar Open Discussion

By: Ivan Popov (johnniepop) - 2008-02-04 00:53
I'm installing ADempiere on Ubuntu 7.10 - Server Edition and suddenly it zapped me - the ADempiere's setup is an issue in this case - in order to make it I should install a Window manager. This is the only thing I (still) don't know how to perform on the terminal. Anyone familiar with a hack - set of manual actions replacing the setup with the java client program? I continue to meditate on this and when I find solution (other than just installing a X-Server/Window Manager on the system) I'll publish it in the wiki. Any hint will be appreciated!

By: Teo Sarca (teo_sarca) - 2008-02-04 01:01
Have you tried RUN_silentsetup.sh ?

By: Ivan Popov (johnniepop) - 2008-02-04 01:20
I was just looking around into the setup scripts. It is a bit strange - this RUN_silentsetup.sh - I've never before paid serious attention to it. Is it written for that purpose? I thought it is only about rebuilding the system during upgrade to a newer version or when applying custom changes. I'll take a look at it. Thanks for the tip!

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-04 02:22
Yes, Run setup silent do not require window manager.
You need to set proper value of properties and run setup silent will do the same as run setup.

By: Ivan Popov (johnniepop) - 2008-02-04 03:16
Yes, I got it already. Thank you Teo and Trifon. Now I understand better :)

By: Ivan Popov (johnniepop) - 2008-02-04 08:29
Guys, I think I should "report" this.
I managed to setup the ADempiere server from the console only through the ADEMPIERE_HOME/RUN_silentsetup.shBUT:
- it a first-time install on a new machine, so the file ADEMPIERE_HOME/keystore/myKestore didn't exist;
- the setup crashed when couldn't find this file (I peeked into the code and saw that I can generate new keystore file only through a GUI program, so I had only two choices - install Window Manager on the dedicated server and use the usual RUN_setup.sh OR just 'steal' and use the keystore file from my other installation);
- i picked the faster option and used another keystore file. The setup ran flawlessly - in less than two minutes I had running Dedicated ADempiere Server.

Now that's a problem I think and I'm not sure if this is an architecture issue or just I could do better? Comments anyone?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-04 14:38
>ADEMPIERE_HOME/keystore
i think that if you create keystore folder installation would work, but i'm not sure.
Can you point part in source code which you talk for?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-04 19:26
> I peeked into the code and saw that I can generate new keystore file only
> through a GUI program

keytool must do the trick - just you need to find the proper parameters.

If you find them - please share them with us in wiki ;-)
http://java.sun.com/j2se/1.3/docs/tooldocs/win32/keytool.html

By: Ivan Popov (johnniepop) - 2008-02-05 00:36
> Can you point part in source code which you talk for?
This is the class org.compiere.install.KeyStoreMgt.java from the install subproject. This one can be used as a stand-alone but with the given code in there I'm not sure if this main class does anything useful on its own (correct me if I'm wrong). But when involved in the setup procedure it really refers to the sun.security.tools.KeyTool class through its keytool method. I didn't look further into the SUN's classes but the method is pretty self-explanatory.

Since it really deserves some attention I'm gonna dig through it these days and once I do the math I'll wiki my conclusions along with comments I have on the Ubuntu Server.

By: Heng Sin (hengsinProject Admin) - 2008-02-05 00:45
run_silentsetup doesn't need a window manager and will create the keystore as well. You must have hit some error creating the keystore running run_silentsetup, check your log.

By: Ivan Popov (johnniepop) - 2008-02-05 04:11
Yes, you are correct. Here is the contents of the first log when the keystore error appeared:

14:17:18.912 CLogMgt.setLevel: CONFIG
14:17:19.330 ConfigurationData.load: /home/adempiere/Adempiere/AdempiereEnv.properties
14:17:19.367 Config.test: OK: JavaHome=/usr/lib/jvm/java-1.5.0-sun

14:17:19.368 Config.test: OK: Version=1.5.0_13
14:17:19.368 ConfigurationData.testAdempiere: OK: AdempiereHome = /home/adempiere/Adempiere
14:17:19.370 KeyStoreMgt.<init>: /home/adempiere/Adempiere/keystore/myKeystore
14:17:19.390 KeyStoreMgt.createCertificate:
-----------> KeyStoreMgt.getDname: No Common Name (CN)
-----------> ConfigurationData.test: No Key Store
-----------> Ini.loadProperties: /home/adempiere/Adempiere/Adempiere.properties not found
14:17:19.404 Ini.loadProperties: /home/adempiere/Adempiere/Adempiere.properties
14:17:19.413 Ini.loadProperties: /home/adempiere/Adempiere/Adempiere.properties #27
14:17:19.414 ConfigurationData.save: /home/adempiere/Adempiere/AdempiereEnv.properties
14:17:19.441 SilentSetup.<init>: Starting Ant ...

Then I had already been set the $JAVA_HOME, $ADEMPIERE_HOME and the contents of the AdempiereEnv.properties with the needed values, so it must be something with this 'Common Name' parameter that I missed, which is defined here (KeyStoreMgt class) and required by the ConfigurationData class.

By: Heng Sin (hengsinProject Admin) - 2008-02-05 08:35
In the AdempiereEnv.properties file, you need to assign a value for all the ADEMPIERE_CERT_* field.

1.57 Adempiere Login Screen

Bazaar Open Discussion

By: racd (racd) - 2008-01-26 19:26
As we can see currently Adempiere login screen consist of
1. Server Connection
2. Username
3. Password
4. Language

This user interface actually is good enough for adempiere, However in my opinion there is something that we can improved to make it more user friendly and secure. By include the Server Connection in the login window as presently, a few problem may arise.
1. Make normal end user confusing with the server connection field. Supposedly as a normal user they does not need to know about the server setting because this functionality is more for system administrative setup which done by higher level user.
2. By allowing the end user simply change the server setting it will put the system in insecure and Unnecessary server connection problem may arise.

Regarding on the this issue, in my opinion we can avoid the above problem by at least put the server connection field at the different tab with the current tab. As a result
1. the normal end user will not see this Server Connection setup field during login.
2. It will make the login more is more simple and easier to understand by the end user.

By: Red1 D. Oon (red1Project Admin) - 2008-01-26 20:39
Sounds like a good idea to make the screen more user friendly. You can submit this as a FR = Feature Request here http://sourceforge.net/tracker/?group_id=176962&atid=879335 and see what others think. You will find at the bottom of FR posting window a file upload option. You can upload any screenshot and patch u created.

U can use the Eclipse to automatically create a patch of what u did to prove it.

By: Michael Judd (mjudd) - 2008-02-05 16:14
I had also thought this was an issue for some time but it wasn't the one that has burned me just yet. However, there is another scenario to think about. It would be good for the client to be able to select from a list of pre-populated servers (where the version numbers match the client being run). This could be implemented a couple of different ways - none of which I necessary think is the best way:

- by manually defining the system connections in a table and then providing a combo box so the user can select a preferred server (this is how SAP R/3 does it)
- by each server publishing/announcing their availability and then the client discovering the servers available
- lock the client to the server from whence it came (as suggested above)

Why would you want a client to access more than one system? So they can access a training area or if the user supports many installations. It is also handy if you promote changes through from prototype, development, test, live cycle.

By: jmp (jmpiloq) - 2008-02-05 17:12
This sounds very familiar to me...
As soon as you have more than two customers, each with three systems (Development, Testing, Production), and then your own systems, maybe with different Releases etc., it becomes a bit tedious to always insert servers anew. I would love to have a drop-down list of all the different servers I can connect to.

Regarding the client, I have three of them installed, starting them with three different shell scripts: ad32, ad331b, adtrunk. Now I think of it: would it be possible to pass the server as parameter on the command line?

1.58 Currency accounting

Bazaar Open Discussion

By: Manoj (manoj_jain) - 2008-02-04 04:01
i am trying to create accounting for the currency that is already defined on system level but simply i can't. From my point of view a user can create its own customized accounting for the currency that is already defined on system level and also a new currency should also be added on system level not on client level. How one can define accounting(not default accounting) for the currencies. Is it possible?

By: Michael Judd (mjudd) - 2008-02-05 16:07
When you say you are trying to "create accounting" - can you please explain what it is that you are trying to do? Are you trying to post journals, create an accounting schema etc? Perhaps you could say what window and tab you are on, and what you are trying to enter.

By: Manoj (manoj_jain) - 2008-02-05 23:23

After setting all the things(i.e after setup a comp and their accounting schema etc.)
I go to the Performance Analysis >> Accounting Rules >> Currency Window

In Currency window >> Accounting Tab, i am not able to create new accounts for the existing currency but if i define my own new currency then i can define the new accounts. But as there is already all currency defined on System level so no need to define a new one and even if we define a new currency then from my point of view it should be defined on system level not on client level.

I want to say that one should be able to define the new accounting for the existing currency.
How one can achieve this?

1.59 Reopen or void a vendor invoice

Bazaar Open Discussion

By: Chris Farley (northernbrewer) - 2008-02-05 21:42
Our accounting department accidentally closed a vendor invoice (instead of reversing it).

What is the best way to reverse this closed invoice?

I was going to manually enter an invoice with the same date/org/business partner and negative quantities. I can allocate one invoice against the other. But then there's a lot of nasty records that will show up in the "Matching PO-Receipt-Invoice" screen.

Is there any "Reopen Invoice" hack? Can I do an SQL query?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-05 22:12
Hi Chris, basically MInvoice.closeIt just do:

```
    setDocStatus(DOCSTATUS_Closed);
    setDocAction(DOCACTION_None);
```

Unless you have customizations, i.e. modelValidator, customized workflow or changed sources.
So, to "reverse" a normal close of an invoice you could issue
UPDATE C_Invoice SET DocStatus = 'CO', DocAction = 'CL' WHERE ...

By: Teo Sarca (teo_sarca) - 2008-02-05 23:05
... and after you correct that as Carlos pointed out and if your ADempiere is supporting Document Action Access, maybe is good to restrict access to "Close" document action (at least for some documents).

By: DGAS (davo12) - 2008-02-06 08:31
Teo, How can restrict access to "Close" document action?

By: Teo Sarca (teo_sarca) - 2008-02-06 09:50
For current trunk and next release will support this: window "Role", tab "Document Action" (last one).

Check this:
FR [1782412] Add Document Action Access Functionality
http://sourceforge.net/tracker/?func=detail&atid=879335&aid=1782412&group_id=176962

1.60 ship (customer) and SO

Bazaar Open Discussion
By: jcorrea (juliano_correa3) - 2008-02-07 10:54

1) Is possible make a "Shippment (customer)" without a sales order in Compiere (2.6.1) using a standard? I saw that this is possible when entering without PO in materials receipts.

2) When I'm doing a Shippment (customer), the system make me choose a SO. When I will search the SO all are showed, including closed and complete SO. The list is very big and increasing. Is possible show only "complete" SO to start a shipp process in standard?

3) When I "complete" or "close" a shippment, and SO doesn't have any other line, is possible SO close automatically or I need go to SO picture and close order by order?

4) Is possible I make a out of inventory direct from Sales Order, without use the Shippment (customer) picture.

1.61 Jasper report on thin client

Bazaar Open Discussion

By: Dimitri (dkambz) - 2008-02-08 03:00
Is there a way to generate the jasper report on the clients side? Currently what is happening is that when the submit button is pressed on the thin client, the report is generated and it opens the report on the application server.

Is it possible to press the submit on thin client and the report is generated as a pdf and opens in a new tab for example?

By: crimzone (crimzone) - 2008-02-08 04:42
I tested this as well. It does open on the application server. I'm looking at the code ReportStarter.java(org.compiere.report) I think we should be looking at function "startProcess(...)" ...give some more time to debug, maybe someone else has already found a solution to this...?

By: Dimitri (dkambz) - 2008-02-08 04:51
I see there is this:
JRViewerProvider viewerLauncher = getReportViewerProvider();
viewerLauncher.openViewer(jasperPrint, pi.getTitle()+" - " + reportPath);

This obviously will need to somehow be launched on the clients side!

1.62 Cash v Payment Deficiencies

Bazaar Open Discussion

By: Michael Judd (mjudd) - 2008-01-17 05:12
I've been having a think about the way cash works at the moment and it seems it has a few deficiencies. For example, if you

take cash against an invoice (i.e. POS order) then a cash journal is created but not closed. Therefore, the invoice open balance is not updated (until the cash journal is closed - typically at the end of the day) and if you add the open balance to the invoice, it will not recognise the cash. The open balance does work for payments. A possible reason for this design is that cash is not 'accepted' as correct until it is closed and the day closed off - but this prevents receipts being issued to customers at point of sale when they have paid in cash - and we like it when they pay in cash ;)

When cash is received against an order, it is recorded in the cashline as an entry against general expense which is different from the treatment of payments which are recorded as prepayments (in my view the correct accounting treatment).

When doing an end of day report, you need to include the payments and the cash lines, and when looking for a customer receipt - you need to check both payments and cashlines.

Orders link to one cashline with no reverse association. i.e. You can receive only one cash receipt against an order. You can receive any number of payments against an order which is useful if you off layby (the product is held for the customer whilst they make a number of partial payments and when they pay the final payment you deliver it to the customer)

We have made a number of changes to 'fix' these issues but I wondered if:
- other people have these issues
- and whether it might be a good idea to merge cash as a form of payment and then 'backend' the cash implications to preserve the cash book.

What do people think?

By: Colin Rooney (crooProject Admin) - 2008-01-17 06:03
I've been reading a lot of posts these last couple of days trying to catch up again and there have been quiet a few around this subject of cashbooks & payments.
The "cash book", as it is, seems well suited to something like petty cash. But as I said recently in another post (and you, I think, would be more qualified to say if it is correct or not) a cash book as a journal normally includes ALL payments received, i.e. cheques as well as cash?

I was thinking about it this morning and coming to much the same conclusions are yourself.
that is..
1) the payments of cash versus "everything else" being in different places makes it difficult to create a consolidated reports of payments AND have accurate "current" status (as you must wait on the cashbook to be completed).
2) the cashbook as a journal of receipts for say managing "till/register" receipts only has cash but not cheques/checks and/or Credit Card slips.

My initial thoughts on how to improve this were along the lines of
ALL payments (including cash) should create a Payment record.

In terms of the "cash book" I would guess in accounting terms it doesn't matter WHERE (i.e. in the till or the cash office) the cash is it's still an asset. As is, it only becomes an asset when the cash book is completed. Now some cash book transactions do already create Payment records but they are hidden (i.e. think they have a type X) so we could extend on this so as not to "pollute" the Payments windows with lots of cash transactions for the normal office based debtors & creditors depts.

The closing of the cash book would then be more like the process of taking the register/till drawer to the cash office... there the cash is counted and any discrepancies account for by some kind of adjustments.

Is this the kind of thing you already did?
Perhaps you could elaborate?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-17 07:02
Hi Colin, just having a new idea about this.
WARNING: DRAFT IDEA - NOT THOUGHT DEEPLY
I think the root core problems with cash journals is that it summarizes many different events in just one transaction - so for example
- if you want to revert just one line of the cash journal, you need to revert all the lines (something like Victor recently added in branch350).
- if you want to print a receipt from one line of the cash journal - that's hard because the cash journal is still not completed
I suppose most of the problems can be solved if (for payments and receipts) we issue cash journals of one line each.

I mean, every cash payment or receipt must generate one cash journal by itself, not added to the "day-general" cash journal. This way the single-line-payment-cash-journal can be completed, printed, reversed, etc without affecting other transactions.

Now, we would need some sort of "consolidation" of the cash journals of one day in order to make a closing process at the end of the day. For that we can add a new summarizing table (not necessarily a document) to control such process.
This sounds easier, and can solve most of the problems I've seen with cash journals.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-17 07:57
I'm involved in Cash modification at this moment too, so i would like to write what i have done till now.

I think that it is now the time to solve this functionality in Adempiere and i would like to use the moment moreover i have financial support from Adempiere friend.
So this is what i have done till now:

- meant that task is not finished
+ means that task is finished

-01) Implement requirements described here:
http://sourceforge.net/forum/message.php?msg_id=4160120

+02) 'Payment' window, make 'Bank Account' not required field.

+03) 'Payment' window, add tender type "Cash".

-04) 'Payment' window, add field 'Cash Book'.
'Payment' window ask for 'Cash Book' and 'Date' and generate a cash journal line automatically.
- System try to find 'Cash Journal' with given 'Cash Book' and 'Statement date'
if 'Cash Journal' is not found then create new 'Cash Journal'
else use existing 'Cash Journal'.

+05) Modify org.compiere.model.MPayment.beforeSave() method and check if 'Bank Account' or 'Cash Book' field is set!
If not set show error message to user!

+06) Research why created payment with Tender Type = 'Cash' has IsAllocated = true?
class org.compiere.model.MPayment, method public boolean testAllocation() set IsAllocated = true when transaction type is Cash.

My description is more technically oriented but i hope that you can get the idea.
do you think that this is move in the right direction?
and what else do you think that have to be done?

I will re-read your previous posts, but now have to provide fix to Victor, sorry have to hurry.

By: Armen (armenrz) - 2008-01-17 19:45
>-04) 'Payment' window, add field 'Cash Book'.
>'Payment' window ask for 'Cash Book' and 'Date' and generate a cash journal line automatically.

With this approach, you keep Cash Journal as a "day" basis which is (I think) best applied only for POS cashier. The concern with this "day" basis Cash Journal has been raised by Mike earlier that the open invoice balance is not corrected until you close the cash journal by the end of the day.

>+06) Research why created payment with Tender Type = 'Cash' has IsAllocated = true?
>class org.compiere.model.MPayment, method public boolean testAllocation() set IsAllocated = true when transaction >type is Cash.

Please correct me if I'm taking you wrongly. We have to support "open cash payment" that will be allocated at later time (perhaps by different user role). So we can't assume to set IsAllocated = true when transaction type is Cash.
I prefer that we have to support a "one transaction" cash payment, working like cash voucher (i.e. Cash In or Cash Out).

I have done part of these works:

+ Add Balance column to Cash Book (for maintaining Beginning Balance and Ending Balance automatically)
+ Add Over/Under Amount (to support open cash payment)
+ Add auto-numbering Document No (against using Name per day mechanism)
- Create a Cash Allocation (not fully done - it's not so difficult but a lot of things I need to consider)

With this "one-trx" cash journal approach, one will need s sort of "Statement of Account" report to list all cash transactions for the day, shown with Beginning Balance at the top and Ending Balance at the bottom.

Temporarily, I'm just using Statement of Account that pick for the cashbook account. The weakness is you have to make sure it's all posted to the acct engine.

By: Colin Rooney (crooProject Admin) - 2008-01-18 07:52
> keep Cash Journal as a "day" basis which is (I think) best applied only for POS cashier.
Good point. And I remember the standard POS orders processing was changed to create a Daily CashBook journal which was not always the required functionality.
I guess a simple flag on the “Cash Book” definition would resolve this?
The logic to check if a Journal already existed or must be created new would then be;
Is there a Journal for this CashBook with Status = Draft AND StatementDate = if CashBook.daily() = TRUE then “transaction date” else <= “transaction date”

where CashBook.daily() = true ... is the check of the new cashbook flag.
“transaction date” is the date of the source document creating the journal entry.

> I prefer that we have to support a "one transaction" cash payment, working like cash voucher (i.e. Cash In or Cash Out).
Armen, why a Cash Payment as a separate document and not simply a AR Receipt or an AP Payment (as now) but one in which the tender type can include Cash? The GL Postings for this new Payment doc would need to be changed to account for the new Cash TenderType ok but other than that nothing changes. The processing of a Payment with TenderType Cash would make the same postings as currently when a Cashbook journal is completed.

Is this too complicated though for something like a “petty cash” cashbook?

> "one-trx" & "Statement of Account"
What I was suggesting was each transaction, regardless of tendertype, is a Payment.
But the cashbook Journal still exists (as single or multi-day doc as described above) but it is basically this summary or Statement of Account you mention, i.e. each Journal line points to a Payment – each payment points to a journal line.

I also think it is common in bookkeeping for a Cash Book to include ALL payments not just Cash payments, i.e. it includes receipts of cheque, cash, credit card slips or what ever other tender types are applicable. Here (in Ireland) at least paying with Cash includes paying with a cheque!
(although the EU is pushing for the end of using cheques! SEPA is also something we here in Europe should maybe start considering).

As it is now, in a retail type environment, if a cheque is mislaid before it goes from the cash register to the cash office (who will count & lodged it in the bank) then this will not become apparent until someone notices that the cheque didn't turn up on the bank statement .. and who knows when that might be. I can imagine that typically the cash drawer is taken to the cash office who count the cash , cheques & perhaps credit card slips to ensure all is accounted for!?

I don't work in a retail environment so I'm just trying to use some “common sense” here .. but something that strikes me as I write the above is .. the cashbook journal can record a transfer to a bank but not to another cashbook. If there are 10 cash registers bringing in cash drawers to a cash office to be counted a checked before lodgment into the Bank.. how currently are the contents these cashbooks transferred to the consolidated cashbook represented by the Cash Office?

> The weakness is you have to make sure it's all posted to the acct engine.
Yes the Completion of the Journal would mean looping through and completing all the Payments not already completed and that might cause a conflict. One person is entering a Payment another is Completing the Journal!

Of course, (and perhaps this is actually what you were proposing Armen?) the Journal lines could simply be readonly views of the Payments themselves so there is not two items (Journal line & Payment) to keep in sync... they are simply the same thing.

I do think the Journal could also use an “Actual End Balance” and create adjustment postings for any discrepancies between the calculated “End Balance” and actual.

Then as Armen says the completion of the Journal would simply verify all Payments were completed. The only GL posting would be a possible adjustment between Calc & actual balance.

With such a scenario two points that would require closer scrutiny is;
1) Accounting Reset and
2) Existing implementations and any old data (that could be reprocessed by a reset).

Anyway it seems Mike, Armen & Trifon have all done considerable work on this issue... perhaps we should statrr by look at merging all these ideas first then fill any remaining gaps to, once and for all, produce a solution that suits all and addresses both the typical bookkeeping & retail requirements in which cashbooks are being used.

By: Armen (armenrz) - 2008-01-19 06:15
>Good point. And I remember the standard POS orders processing was changed to create a Daily CashBook journal which
>was not always the required functionality.
Well, I've just thought the same thing. We also need to add Balance field in CashBook.

In Trifon's work, probably he may add dynamic validation if the CashBook is not a "daily cash book", thus you won't need to generate a cash journal line. The payment also get isReconciled="Y" automatically.

>Armen, why a Cash Payment as a separate document and not simply a AR Receipt or an AP Payment (as now) but one in >which the tender type can include Cash? The GL Postings for this new Payment doc would need to be changed to >account for the new Cash TenderType ok but other than that nothing changes. The processing of a Payment with >TenderType Cash would make the same postings as currently when a Cashbook journal is completed.
>Is this too complicated though for something like a “petty cash” cashbook?

I agree with you. A Payment is a payment. and it's simplest thing to achieve but let's not forget that Payment lacks of "payment line", this will be quite annoying, for example, in real world, a single cash-out voucher can be allocated to many charges/expenses. I once wrote such "payment line" functionality. What do the others think ?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-19 08:16
Hi all, this is looking like something completely new in adempiere :-)

Three different contributions competing for trunk - in past we struggled to find at least one contribution. IMHO it's an indication of the maturity reached by this project - now most people are working instead of just flaming.

As far as I see the current situation is:

- Armen has already developed fixings for cash journals attending a specific need
- Trifon is making a sponsored development with a different approach for some similar needs and other new
- Victor is fixing the same programas with a different approach for some similar needs and other new

[Something similar is happening with Swing POS - Trifon and Victor working on swing pos covering similar and different needs]

The better would be to join efforts and consolidate just one good and strong solution - but I know that's really hard to achieve - anyways I invite the involved parties to convoke an IRC meeting to at least discuss if it's worthy and ways to do that.

Well, without the consolidation of "one-good" solution - I'm sure the resolution of the becoming conflict will be hard to manage

I'm being pessimistic for the most possible scenario:

- Armen will contribute a patch and nobody will have time to review it :-(
- Trifon will upload his modifications in his contributions/253b/comxe/ branch
* He'll upload his contributions in his own format and will refuse to construct a 2pack package to at least ease the testings
- Victor will be on the lead, he'll upload his changes to branches/adempiere350, and this branch has the most attention and developers
- which one will reach trunk? possibly none, or possibly the more tested adempiere350 (but it will be incomplete so Armen and Trifon's customer will still need to customize his own installations)

As well as other habitual collateral effects :-)

- Some people will complain about Carlos Ruiz and Heng Sin because of opposing to bad or unstable or unmaintenable code, or code that break another things
- Some people complain about the project becoming another Compiere :-))))
- It will be a new flame with threats of forking because of the policies that avoid bad code to reach trunk

Excuse me the redundancy and uppercase, but it's important to repeat the most important on this message:
I INVITE THE INVOLVED PARTIES TO CONVOKE AN IRC MEETING TO AT LEAST DISCUSS IF IT'S WORTHY TO JOIN EFFORTS AND WAYS TO DO THAT.

For those "sponsoring" development I would advice also to "sponsor" some functional and technical TRUNKABLE design.
[Not for me - I'll avoid to participate in this "sponsored design" to avoid conflict-of-interests, but I'm sure that i.e. Colin's design POV and discussion on forums will be good - and that some times spend more time than development]

By: Armen (armenrz) - 2008-01-19 21:01
I agree that an IRC meeting will be needed. I'll be happy to hear other opinions.
My contribution is more like a fixing, than a new development of its own, I don't see any competition here, we're hoping for the best. so I'll support anyone who can deliver real solution.

So I invite Trifon, Victor, Mike, Colin, Bonev, and any interested party to setup a schedule. Hmm.. I'm afraid I'm the only one in Asia, I have to sleep very lately :-D

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-20 07:18
i also would like to participate in IRC meeting.
My task is to enhance current functionality and to find the best desing which could suite all Adempiereans. That's why i'm write in this forums.

For this functionality we do not need big Db changes so pure SQL scripts will be able to transfer changes.

By: Colin Rooney (crooProject Admin) - 2008-01-17 08:42
Carlos, I think you are on the right track ok making each cash journal transaction "atomic" but a journal by its very definition (I don't speak French but I think jour is day, right?) is what I have always known as a "day book" - BUT I think, as Trifon is suggesting, the underlying entities here are a "cash book" which is a journal which is a list of transactions and each transaction in the cash book is itself a Payment.

So (and like you, Carlos, I'm just thinking aloud here) each entry in the Cash Journal should create and complete a Payment document. Now the cash Book is simply a summary of what happened .. when it is completed we can allow for an "adjustment" for a situation such as; the cash register is emptied and brought to the "cash office" and there is a difference between the Total supposed to exist in the cash book and the actual sum of cash, cheques & credit card slips... but other than that all GL postings have already occured when the individual Payments were completed so in GL terms our cash assets are all updated as it happens.

Now I need to think what might happen when something is reversed or voided. :)
But since each Payment is atomic it could be reversed in theory without effecting the other payments .. but what happens to the journal & any adjustment!?

Trifon, I think you are on the correct road ok. I see no obvios problem and it seems to be similiar to what I said above. I do think it could be a two way process ... so creating an Payment creates a cashbook entry but creating a cashbook entry is also creating a Payment. The journal (I am suggesting) is simply a list of Payments records.... with *perhaps* the addition of an adjustment record... But that could be simply a difference on completion of actual versus what should be there (the total of the list of payments).

ps. a customer receipt would simply be a print of the Payment!
Normally when people talk here of receipts I think they actually mean the invoice. But if they required an explicit receipt then a print of the Payment would be just that ... ALSO since the Payment is being craeted and completed imemdiately (it would also be allocated) so the invoice would be flagged as paid which nmight be useful when printing the Invoice in a POS situation!?

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-17 13:38
I now want set my current case:

I have a retail customer, my customer receipt payments with different credit cards(VISA, MASTER CARD, DINERS, AMERICAN EXPRESS).
each credit card have a bank operator, it can be local or international. my customer have negotiation with each bank operator next way:

1.-All payment with VISA current are payment to bank operator each 30 days
2.-All payment with DINERS to 6 payment terms to bank operator each 60 days

here my customer and bank operator can be any negotiation.

Business issue:
My customer need know what is total money that need receipt to bank operator?
My customer need have a way to re-conciliate automatically payments to each credit cards?
My customer need know what is cash flow that have to each bank operator?

Implementing a solution.
My customer need know what is total money that need receipt to bank operator?
My idea is create a bank to each operator,each bank can have a payment processor , It is perfect to me because I cat set credit card that bank operator can processing. here I have a java class to get the autorotation the bank operator.

How receipt the payment from POS to credit card?

My POS implemented a window where can set different payment rule, that way I create a payment for each payment rule, next is create an allocation with all payments vs the Invoice.

When the payment rule is credit card I get the bank account that process it credit card, with this bank account is create the payment.

So this way I have a bank statement to each bank operator and sum of all payment do not conciliate is my AR with this bank operator, when I conciliate a payment is marked, so do not is show in next statement bank account.

I only need print the report Unreconciled Payments to get this data.

My customer need have a way to re-conciliate automatically payments to each credit cards?

Each bank operator send me an electronic file with voucher number and autorotation code that they are paid, I use Bank Statement Matcher to create this reconciled easy way.
My customer need know what is cash flow that have to each bank operator?
Is here where i need some suggestion or comment the great issue is because exist credit card pay with payment term ie
A Payment with credit card DINERS and payment term to 6 mouth without Interest .

I need know what due this voucher conform negotiation with bank operator. and when I can get the money

Here exist 2 alternative.

First Alternative

Create a invoice to each voucher with the payment term that the bank operator have to pay me , so bank operator is the Business Partner, this way I created a aging to it bank operator and use the standard functionality (aging, statement to Business Partner).
When I create a invoice with payment term Adempiere create a payment schedule, with this payment schedule I can get the cash flow.

This alternative complicate the bank statement and re-conciliated process because I need pay each invoice generate in this case each voucher.
This alternative so not is very natural.

Second Alternative.
Adding new fields (Payment Term to Bank Operator, Is Differed, number payment) in window Payment, create a new tab with payment schedule, so the idea is can have payment differed with payment term and schedule payment to each payment

differed of bank operator.
Is necessary create a new report to show a bank statement as an aging where show each voucher.

Some body have other idea to management payment differed to bank operator?

Colin I happy if you can set some comment :-)

By: Colin Rooney (crooProject Admin) - 2008-01-17 15:58
Well to be honest it looks like you already did all the hard work! :)

I think the second options seems to be the way to go.

You could define Payment Terms as per now and add a selection per Payment processor to indicate which Payment Terms they use. Would a payment schedule really be possible? That would make it much more complex ok. But if it was a straight forward 30, 60 or 90 days type terms I don't see any great issue.

You could then store (but not necessarily display) the credit terms of the payment processor in question on the Payment table as it is completed. Then you could easily create an ageing type report based on unreconciled Payments, the payment date and this new payment processor payment terms field - Cash flow is simply ageing looking forward! Similar to Due fields (as opposed to PastDue) that exist on the T_Aging table now.

I was thinking it may be tricky if the Payment Terms were to change (which they may very well do over long periods so of time) then the Account reset might have issues - but actually when I consider it I don't see any issues at all... since it is simply the Fact account records that would be re-created ... the old credit terms would still (rightly) be on the Payment record. So I can see no problem there!

So yeah I would go this way. The only complex issue I could see is if complex schedule type payment terms could be applied.

Also, if the terms were going to change then a "date from" type indicator as with the pricelists & exchange rates would simplify such changes from a user perspective... they would not need come in early on the day in question to change terms before any sales were made! But the terms are probably pretty fixed so it's probably not worth the hassle.

So in summary; yeah I think you are doing it the right way!

And I would imagine this cash flow report will have been the least complex of what you've had to do!

By: Red1 D. Oon (red1Project Admin) - 2008-01-17 16:22
Hi Mike Judd - welcome back! You are a really busy chartered accountant who rather avoid me and go yachting! I envy you.

Hi Colin - yes, i think you may be bias. We are all bias cos we are here all the time. But listening to others (taking the cue from Hillary Clinton's remarkable comeback formula against Barak Obama), i wonder why people keep voicing the same converns, unless of course it is a real concern. And thus i say we must be bias if we do not resonate with those same concerns.

So here goes another bias response from bias me to Peter:

Dear Peter,
I read with equal concern and notice the also equal concern said by Armen (but in different angle as he is a veteran here). Thus i interjected and then of course as usual Trifon always hijack whatever i do very well (havent lost my jealousy of him) and cast the biggest stone to get Armen well noted.

The condition here i have to support Colin's remark is entirely bazaar, where you find peers coming together to put forth ideas and code change suggestions and this leads to a real political process where it does get submitted to trunk and become the next official (?) release of The Great ADempiere Bazaar. You can see our codes now plastered all over and due credit hardcoded into those patches and commits.

The crucial debate is whose codes goes first or goes trash if rejected. And this is where peer participation such as yours is so vital and i personally am happy that Trifon inducted you well (i assumed so, cos Trifon also hijacked the jedi to padawan concept right out of Star Wars).

Thus there should not be we vs others here. It is all WE and no one else. Anyone who doesnt speak up is the NO ONE ELSE, cos they didn't say anything and let things pass. Now you have spoken up and my advice is that you don't quit doing that -

having fruitful conversations to get things going. I am happy that even some old faces return from their yachting trips.

But we also should not be biased to the quiet good ones. They may only comment or contribute once every time the Halley's comet cycle but theirs still count due to its merit and importance to the sourcecodes. The bottom line is an age old (in cyberspeak) mantra hijacked from Linux which is "SHOW ME THE CODES" and not "show me the money". Thus the importance of writing here for longetivity purposes as many do read and they are invited to comment when they see fit. All individuals must be respected.

By: Peter Bonev (bonev) - 2008-01-17 11:14
Yes, this is a very important functionallity.
I have posted a feature request some weeks ago:
http://sourceforge.net/tracker/index.php?func=detail&aid=1844148&group_id=176962&atid=879335

Please note that there is a already a solution which is developed by Armen from Goodwill.co.id
According to many opinions in this feature request thread, it seems, that he is experianced developer whith deep accounting knowllage.
He is asking to be allowed to submit changes to the repository and I think, that these who are responsible should give him this rights.
At least his solution has to be checked.
If we read the whole request thread, we'll notice that Victor Perez from e-evolution needs and is developing something similar, Triffon is developing his solution too.
This is not good at all!

I'like the Adempiere project very much and was observing the Compiere project from the early beggining too.
I'm afraid, that the Adempiere team is starting to make similar mistakes as they did :(

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-17 11:27
Armen was added as developer in Adempiere project after positive community vote.

Username Real Name CVS Subversion Shell Release Tech Manager Task Forums Doc. News Screenshots Wiki
armenrz Armen Yes Yes Yes No A Admin&Tech - - - - None

Committing code changes is not so easy in big project as Adempiere. That's why we are trying to gather as more as possible details for given subject and find the best solution for all stake holders.

Moreover having commit right do not means that modification will be in the next release automatically. If modification destroy existing functionality it will most probably be reverted by other committer.

By: Colin Rooney (crooProject Admin) - 2008-01-17 11:36
Yes I saw your FR it was one of the posts I was thinking off when I mentioned I saw lots of discussion on the topic! :)

You might be interested in this thread
https://sourceforge.net/forum/forum.php?thread_id=1914487&forum_id=610548

re: I'm agraid, that the Adempiere team is starting to make similar mistakes as they did :(
Really? I don't see that myself, though perhaps I'm biased :)
There was only one developer in Compiere there are many in Adempiere!
But feel free to take the lead to improve where you think we are failing! ;)

By: Red1 D. Oon (red1Project Admin) - 2008-01-17 17:01
After giving that short Obama's speech, i now like to address specific concern stated by Peter here:

>Please try to be more open
The issue is the trunk can never be open. Now that is shocking news, but there is always this paradox i notice about existentialism. For example everything is possible with god with regard to everything else but not him. It is impossible for god to be something else or not powerful. So is it with the trunk or source. It is open to peer review and changes but not open to lost its trunkness. The key word meaning of trunk is oneness. As unlike patches. You have many patches but you have only one trunk. Another paradox here is about the Information is Free concept. Information is meaningless if there is an eternity of it. It leads to Attention Poverty (a theory i read from some eminent professor and there u have it, i forgot where is that free information located! So pls google if you wish..ah i did and here it is..
http://features.slashdot.org/article.pl?no_d2=1&sid=01/06/28/1522228).

So in essense we have to manage what goes into trunk as a single release each time. Note the word single and not many. You can only have one version each time. And the each successive time is not independent from each previous release, unless you re talking about a fork or rewrite which is another matter for another bazaar on another day. You would have to ensure that each successive release carries all the goodness and should i say junk of the last version. And who to go through each change and impact to other passive codes that is sleeping and wished not to be upset by your change?

Now ERP is very unlike Linux in its treatment. Another shocking news, but let me say that Linux is not interlinked in subject matter coherence. A device driver need not know what materials it is devising for as long as it is in bits and bytes. All manual documents are reducible to electronic form cos they are just bits and bytes - a very epistemological concept binary maths has brought to the cyber age. A DocType in ERP is in the form of meaningful paper you see in your office. Yep papers are also made of that binary language, but not so. A paper can cos toliet cents and also cos USD1.6 billion, if its a legal document from Google to Youtube. They are treated differently with vast impact across the integrated ERP and its that difference that ERP resides in. Take a while to consider why SAP cost tons and MS Office is peanuts.

The discussion here reflects this. You do not see such dicussions in Linux or Apache forums. Those are more syntax like. Here its is more context like. Bottom line is that the comitters's job of linux is vastly different from the committers of ERP. You will get a taste of it as you draw closer to the management of the source. You can do so right now by voluntering for the Bug Day here http://www.adempiere.com/wiki/index.php/Bug_Day_January_2008 .

And after that everyone is invited to help with making it into a next release such as here http://www.adempiere.com/wiki/index.php/Steps_To_Release

By: Peter Bonev (bonev) - 2008-01-18 10:00

Well, I will not argue, because, as we all know, there is not one and only truth. We can spend all of our time writing wisdoms in the forums, but this is not very productive.

I would like to ask

1. What is the idea with the release numbers 3.31, 3.31b?
2.1 How to understand the writing in the user's manual of Posterita - chapter ' 1.1 Overview of the system', where stands "Posterita is an ERP system build upon ADempiere and Web technologies" ?
2.2 Posterita is in 3.31b and id the trunk, that there are changes in the data structure because of this.
2.3 The SwingPOS (which should remain!) is still in development. and so on
2.4 The installation manual of Posterita is following their own way.
All this ... , and the "oneness" trunk?

No, I don't want just to make noise. I need to understand the policy of the project.

By: Colin Rooney (crooProject Admin) - 2008-01-18 11:12
Yeah, but are all scattered out around the world, we live in different cultures, we work in different business areas and play different roles there. What seems obvious to one person may seem ridiculous to another... so we "argue" (or discuss is probably a better word) here (and we often to a lot of it :)) to get across these different points of view!

If you choose not to argue .. then most likely we won't learn your point of view!

> We can spend all of our time writing wisdoms in the forums, but this is not very productive.
It is for the person reading the wisdom for the first time!

> I need to understand the policy of the project.
It's very simple... and I'm not being sarcastic or saying one thing but meaning something else.
If you want or need something you do it yourself.
If you can't do it alone, you can look for others in the community with similar needs and try to build an alliance/team to tackle it together.
If you simply don't have the skills you can sponsor (pay) someone from the community who does to do it for you.

So if, for example, you don't like the Posterita manual .. then write a better one! And as I say I don't mean that in an attacking way... but this is the principle of the project.

The wiki is a perfect example. Many woudl say it's too disorganises but a few stars will try to organise it better. If you think it's disorganise it then don't complain but organise it is the approach here.

And as red1 says we are always happy to have new contributors joining to help.

My own personal approach is .. if someone suggests something and asks for comment I will give my opinion. and may critic the approach - assuming this is why they asked!? But if someone is contributing new code or a manual or whatever... unless that contribution breaks something already existing I will make no comment other than thank you (which actually I don't say enough!). I might suggest a change if it's small :) but by and large my attitude is if I want it different it's up to me to make it so and then submit it back to the project in the hope that others like my idea too and will integrate it. Integeration of course removes the burden of maintenance for me .. so it's a win win situation.

The "oneness" trunk is more a result of not having the resources to manage multiple development & release respositories. With limited resources we opted for one main trunk which we attempt to keep stable - or stable enough so that people can actually run & test it! Things like the swing POS can be labelled "Beta" in the Application Dictionary so is not typically available for a production environment. The use of Beta tagged functionality must be specifically selected for the client to use it so the meaning is ... use at your own risk.

Every few months we draw a line and freeze the addition of new functionality in an attempt to stabilise the functionality that has been added since the last stable release and when all identified top priority bugs (i.e. those that can corrupt data) are addressed we call it stable. It's simple, straight forward and doesn't require a whole lot of resources to maintain. But we are always open to ideas and perhaps more importantly the resources to implement the ideas for without resources to implement an idea isn't really all that valuable.

And that's my take on things... and as I said if I come across as agressive or pushy then I apologise as this was not the intent.

By: Peter Bonev (bonev) - 2008-01-18 12:52
My intent is also not to sound aggressive, but if so, I apologize too.
I think, I asked concrete questions (but might not be the case) and wanted to have some other kind of information.

Anyhow, thank you for your time.
I like the project and I'm sure everybody is doing his best.

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-18 15:48
I think each people try solve your issue, if it people know the functionality he try solve with this , if this is a Development try solve with code.
But I think best is validate fist the functionality and if this do not solve you go to create new functionality.

In this case i have same issue with current Cash Journal have a functionality very basic.

I need to management multi payment rule (Cash,Cheque,Payment with Credit Card current,Payment with Credit Card differed, Bonus or prepay card, Credit Note) in my Libero POS ;-)
To receipt cash we create a normal payment unallocation unreconciled with a new account bank called "My Cash Bank", add a tender type called "Cash", so we know all payment in cash into the bank "Cash"

It solve next case:

1.-Receipt cash to reserve a Order and print document to receipt
2.-Receipt payment to credit card(Internal credit card) of my customer
3.-Allocate the payment to a Invoice
4.-Receipt Payment with bonus it is a payment in other currency
5.-Cancel any payment in any moment if is necessary return cash or any other reason.

for close the cash journal, I only print a report of payment group by payment rule and I have automatically my close the cash journal.

The Cash Journal we are use to create prepay card reload or bonus, So in cash journal i have the balance the each prepayment card reload

We add the Account Bank in the Terminal POS window to know what is the Bank Cash as current cash book.

Cash journal the finish day is transfer to bank are into the Bank Cash is very easy create a transfer.

By: Heng Sin (hengsinProject Admin) - 2008-01-18 19:44

This (create Bank 'Cash') is the approach I've use in the past (Not compiere, other ERP product) and it is working well for me. I haven't tested this on Compiere/Adempiere but if it work for other ERP product, it might be a good approach for Adempiere too.

By: Paul Bowden (phib) - 2008-01-21 23:10
Just to add a belated comment to this already extensive discussion:

All payments belong in the payment table regardless of the method of payment. It is a nuisance (and another potential source of bugs) that you must continually perform operations against two tables (cash and payment), when reporting on payments, processing bank statements, allocating to invoices, etc.

As noted by others, a cash tin is effectively just another bank account. The main benefit of the current system is the fact that individual cash payments can be grouped together (with the attendant disadvantage that they can currently only be processed together).

What is needed is a method of assigning payments to groups -- and that method already exists in the "Payment Batch" functionality which is currently only used for accounts payable -- the cash journal could be replaced by a new type of payment batch which aggregates payments of a particular type.

There are other circumstances where it would be useful to group AR payments. For example, cheque deposits typically occur in batches and show up on the bank statement as a single line covering multiple cheques. Similarly, credit card or eftpos payments tend to be amalgamated. By grouping AR payments in this manner it would allow the simple production of cheque deposit slips, and greatly ease the entry of bank statements, as you would no longer have to guess which payments add up to the single total shown on the statement.

Certain rules could be imposed by defining a payment batch type -- eg "Daily cash journal" might require all payments associated with it to have the same date (and obviously be cash payments). Separate windows could be set up for the entry of specific types to mimic the current cash journal window. For example, you could have a header tab for defining the payment batch (which could have a closing process), and then lines for each payment, that could be individually processable.

Ideally, the cash journal could be replaced entirely -- removing the need for duplicated code and unnecessarily complicated handling of allocating payments to invoices. (I doubt whether others would be in favour of such major surgery though.)

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-22 01:32
very interesting post.
Thank you for collaborating.

I'm planning to create wiki page with all info from this thread and decide how to move further.

By: Alejandro Falcone (afalcone) - 2008-01-22 07:45
"There are other circumstances where it would be useful to group AR payments. For example, cheque deposits typically occur in batches and show up on the bank statement as a single line covering multiple cheques. Similarly, credit card or eftpos payments tend to be amalgamated. By grouping AR payments in this manner it would allow the simple production of cheque deposit slips, and greatly ease the entry of bank statements, as you would no longer have to guess which payments add up to the single total shown on the statement."

We've done something like that (Receipts into Batch) in the past. With this functionality you can select AR receipts and include them into a Batch. After, into the Bank Statement window you can select (by using a new button "Create from Deposit Batch") the Batch that you want to include in your statement, and so all individual payments will be inserted into the statement line.

I've uploaded a small document into the wiki, so you can see the process and screens:
http://adempiere.com/wiki/images/b/ba/Batch_AR_Receipts.pdf

What do you (and others) think?

By: Colin Rooney (crooProject Admin) - 2008-02-04 05:58
Carlos just brought this functionality to my attention!

This looks great... good work!

When cash is transferred from a Cash Book it creates a Payment of type X.. are these Payments available to Batch too? They are when using the "Create From" button in the Bank Statement window ... so if you were using this logic to make the selection then it would be ... just checking [if you'll pardon the pun :)].

I was just checking if this was already in the trunk and I noticed somethimg I never did before.
In the Open Items menu is the "Payment Batch" - does anybody know what this is and how it works?

By: Michael Judd (mjudd) - 2008-02-05 16:38
http://sourceforge.net/forum/forum.php?thread_id=1928652&forum_id=611161
http://adempiere.com/wiki/images/b/ba/Batch_AR_Receipts.pdf

I just went back are re-examined these links and the Batch AR Receipts is a great solution but needs just a little more work as descried by Joel and Alfred.

If we went for the same screens but implemented using the new sub table as suggested above (c_paymentline) then we preserve the current functionality around payments. A constraint is that all payments should be from the same currency but usually card merchants agree a singular settlement currency with the customer anyway. Also remember the fee deductions (perhaps a line item in the batch with a charge to the merchant fees charge).

By: karsten-thiemann (kthiemann) - 2008-02-13 05:14
I like the idea - is there a way to get this functionality. Do you provide a 2Pack package for it or do you have plans to integrate it into trunk?
+1 from me for having this into trunk :)

By: Michael Judd (mjudd) - 2008-01-24 03:12
Firstly, thanks for everyones great input!
I'll try to summarise all the requirements mentioned from a functional perspective and then perhaps we can discuss further or perhaps try irc to form a consensus (I'll play my role as the perpetual optimist as usual)

Alejandro suggestion of the batch is similar to what I was thinking (I thought of calling it a "Banking Batch" or "Deposit Batch") although I recognise that for some payment types this should be automatic and the idea of associating a payment term would also help with cash flow forecasting. So perhaps if we allowed the payment type to be associated with a payment term (or banking term) and then had a flag on the payment type to allow it to be either added to manual "Banking Batches" or automatically created Banking Batches - (date adjusted automatically for the payment term?) would work well.

An example would be:
* Cash and Cheques payment types would be manual Banking Batches with a payment term of immediate. When staff cleared the till / cash box etc, they would do a cashing up sheet / report and then allocated the payments (receipts) to the Banking Batch. The Bank Rec would show one line for the Banking Batch and there could be a report that could be provided to the bank in the form of a detailed deposit slip (i.e. details of the cheques and the total cash banked). The only thing that comes to mind is that usually a float might be deducted but this could be handled two ways. 1. If the float is the same at the start and the end then there is no effect on the cash banked. 2. If there is a difference in the float amount, then a payment (charge) could be put through for the float adjustment and added to the "Banking Batch"

* Amex Card payment types would be an automatic Banking Batch with a payment term of 30 days. It would be good if against the payment type we could record the fees which typically include either a percentage of the sale, or a fix charge for transaction or both. That way the system could work out the amount we expect to bank net of charges and take up the entries accordingly (implying that the fees should be linked to specific (selectable) charges) As this is an automatic Banking Batch, the system would generate a new batch each day and automatically add payment types of Amex to it, then it would be closed (probably manually like cash journals at the moment) taking up the required entries to recognise the charges. An entry will be made in to the bank reconciliation for the net amount of cash expected to be deposited on the date according to the payment term.

Both of these above assume that Cash becomes a payment separate from Cash Journal.

Does this cover everyone's requirements?

By: Alfred_Jones (alfred_jones) - 2008-02-04 11:42
"As this is an automatic Banking Batch, the system would generate a new batch each day and automatically add payment types

of Amex to it, then it would be closed (probably manually like cash journals at the moment)"

How will you know that your batch will contain the same trx as the credit card company's batch. They may be in a different part of the world and their day and batch may finish in the middle of your day. If you want to match trx with them won't you have to do it on a trx by trx basis?

By: Michael Judd (mjudd) - 2008-02-04 11:59
I wasn't sure if that was going to be an issue but I'm in GMT. I've had some customers who run their business until 0200 and hence count the following days takings in the previous days reports - despite the fact that the merchant provider ran days from 0000 to 2359.

So can you build on the proposal to date and suggest something that might work for your scenario (rather than me guess your exact requirements). i.e. Would it be ok to add a time to the payment type or perhaps you want to go to manual banking batches ?

By: Michael Judd (mjudd) - 2008-02-04 12:42
[19:58:03] Trifon: regarding cash payments.
[19:58:36] … if i understand correctly it would be fine if i add reference to cash book in payment winodw.
[19:58:48] … make bank account not mandatory.
[19:59:12] … but i think that you had some different idea which allowed all requiremnts to be fulfiled.
[19:59:58] Michael Judd: Yes - I was thinking of doing something similar to what you are suggesting but then I realised there is a bigger problem to solve.....
[20:00:09] … There are a few issues such as:
[20:01:01] … - when you accept credit cards, currently the system records each transaction as a payment - but when you get the money from the card merchant - it comes in a batch
[20:01:10] … - cash is banked in batches
[20:01:29] … - it would be good to search cash and other payments at the same time ....
[20:02:01] … so I think perhaps we should consider making cash - another type of payment - but this causes other issues.....
[20:02:31] … So I proposed to do the following:
[20:02:38] … - move cash to another payment type
[20:03:16] … - add batches to cash and cheques so they can be reconcile as one on the bank statement
[20:03:31] … - add batches to each credit card type so they can be reconciled as batches
[20:04:08] … So cash and cheques are banked manually - but credit cards are banked (and settled t othe bank account later) according to various rules including deduction of fees etc
[20:05:21] … and all this changes the bank reconciliation - so the bank reconciliation would run of the banking batches rather than the individual receipts. Of course - this is for the receipts side of things - payments (as in payment of suppliers etc) are tracked individually .... and hence you would want to track each cheque to the bank account
[20:06:22] Trifon: - move cash to another payment type
1) - add batches to cash and cheques so they can be reconcile as one on the bank statement
2) - add batches to each credit card type so they can be reconciled as batches
3) - So cash and cheques are banked manually - but credit cards are banked (and settled t othe bank account later) according to various rules including deduction of fees etc
I understadn 1. but i do not understand 2 and 3.
[20:06:27] Michael Judd: so that would mean that either cheque payments would need to be "wrapped" in batches or we would need to allow bankng batches and payments on the bank rec.....
[20:06:47] … What do you think? It's a fairly big change ....
[20:07:01] Trifon: i do not understadn some things.
[20:07:06] Michael Judd: ok - 2 ....
[20:07:07] Trifon: need to clarify them.
[20:07:16] Michael Judd: I can explain 2 and 3 ...
[20:07:19] Trifon: when we say batch.
[20:07:33] … do we understadn one docuent which group many payments
[20:07:39] Michael Judd: yes ....
[20:07:50] … and I mean payments (as in receipts)
[20:08:45] Trifon: sorry 1,2 and 3 are not clear.
[20:08:55] … clear is only - move cash to another payment type
[20:09:08] … at the moment we have payment window.
[20:09:15] … in order ot make batches.
[20:09:20] … what should i make?
[20:09:35] Michael Judd: for example - what we would receive from the credit card company (say Amex) would be an amount, which was the receipts from say 20 credit card transactions less fess .... - this would show as one amount on the bank statement - but at the moment we would need to allocate those 20 receipts against the one bank statement line....
[20:10:23] … ok ..... let me work it through ......
[20:10:34] Trifon: new tab in payment iwndow and second lelevel tab would be payment?
[20:11:11] … ok.
[20:11:30] Michael Judd: I have been thinking at the theoretical level so I'll have to try and think with you now about putting it in to implementation ....
[20:12:28] … What i was thinking is that receipts would work in the same way they work at the moment. For example - on a POS order you take a cheque, then you click on the payment type after closing the order/ invoice and then enter the cheque details ....
[20:12:42] … That currenty creates a 'payment' for that cheque
[20:13:07] … What I am suggesting, is that the payment is batched with other payments of the same type...
[20:14:06] Trifon: ok. i understand the idea of payment batches. but need to be sure how to make it.
[20:14:08] Michael Judd: So that would mean that firstly, against payment type (for isReceipt) that you can select either manual or auto batch, and if you

select auto batch, you can also select a charge account and a settlement term (payment term)

[20:14:47] Trifon: ok.

[20:14:56] Michael Judd: Then, for manual batches, you would open up a payment batch window and allocate payments to the payment batch (for example all payments that haven't yet been allocated to a batch)

[20:15:59] … I'm not 100% sure about auto batches but my inital thoughts are the user should be able to get them to automatically complete - but perhaps it is better for stage one just to make the manual batch and make auto batches later ....

[20:16:25] Trifon: ok. this ssound like i have ot create new table. Payment_Batch.

[20:16:59] Michael Judd: The, when you reconcile the bank statement, in the reconciliation window, you would see the payment batches for isreceipt = Y and the individual payments where isreceipt = N

[20:17:32] … So yes - Payment_Batch would be good - but there are a quite a few other 'problems' to solve ....

[20:17:48] … Does that sound like it could work ?

[20:18:01] Trifon: this will be the master and payment will be the details.

[20:18:30] Michael Judd: It would also be good to be able to print the payment batch report so you can take it to the bank and get them to stamp it with a list of cash and cheques

[20:19:29] … and the manual batch has to be able to be modified by adding manual entries - i.e. for adjusting cash if someone takes money out of the receipts for the float or to pay expenses .... - but that would just be another 'cash' payment line in the payment batch

[20:19:59] … so payment_batch (master) to payment (detail) would work ....

[20:21:22] … Another way - would be to make a new table like paymentdetail and then summarise these as payments - then we wouldn't need to change the bankrec functionality......

[20:22:32] … i.e. receipts would be posted to the paymentdetail table and the total of the paymentdetails would be posted to a payment ....

[20:22:39] … That might be easier .....

[20:23:17] … i.e. may Payment (Master) and PaymentDetail (Detail)

[20:23:27] Trifon: i have to re-read all ... i'm a bit confused.

[20:24:27] Michael Judd: OK - then to clarify - this is to do with receipts (Payment.isreceipt = Y) - not payments (Payment.isreceipt = N)

[20:25:07] … We would batch up a number of receipts as one Payment

[20:25:58] … And summarise cash & cheque receipts to one Payment

[20:27:53] Trifon: but does it mean that i have to make records in cash table too?

[20:28:21] Michael Judd: just thinking ......

[20:29:12] … I don't think you do for the bank recconciliation - because the "cash" would be summarised in a "payment".

[20:29:32] … I can't think of another reason to make the cash line just at the moment ....

[20:30:08] Trifon: ok.

[20:30:34] … so cash will not be used any more. and everything will be done with payment window.

[20:30:40] Michael Judd: So it means we can move towards getting rid of cashline ..... it has some problems anyway ...

[20:30:41] Trifon: this is the general aim

[20:31:39] Michael Judd: yes - also - an enhancement we use is to receipt partial payments against orders (as deposits) - this works for payments - but there's a bug with cash .....

[20:34:08] … so does that sound ok? Shall we create a new table called PaymentDetail ?

[20:35:07] Trifon: yes, but why detail?

[20:35:22] … i have ot feed Victoria. she weakup again

[20:35:32] Michael Judd: no problem .....

[20:35:45] … I'll add a few notes and then grab me later if I'm still online ...

[20:35:59] … otherwise drop me a line with a time and I'll come online tomorrow ....

[20:38:59] … The detail would be cash, cheques, credit card receipts which are currently recorded as payments (IsReceipt = Y). Instead of recording these as payments, we would record these as PaymentDetails, and then batch them together and post the total as a Payment. This would make the total of the payment details (batch) visible in the bank reconciliation. We would batch the payment details based on the payment type.

[20:39:18] … I'll post the conversation in the forum in case someone else has some other ideas ..

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-02-04 13:51
We are development Credit Card Management functionality to our customer
You can see here more detail here
http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Credit_Card_Management.

Overview:
In the retail industry generally you have multiple Acquiring Bank and Merchant Account, so with this information we know which payments need receipt from Merchant Account, also we need a Payment processor that send the transaction to Acquiring Bank and validate the credit card.

The POS need to know what is Acquiring Bank to processed the payment, so we know the range the BINs that Acquiring Bank have is very important, this way the POS identified what is payment processor should use and what is Acquiring Bank & Merchant Account.

In this process also is very important the differed payment management, the reason is because you can pay in multi payment term a credit card i.e. (Current, 6 Month without interest,etc)

When the costumer pay with credit card the payment is registered with Acquiring Bank & Merchant Account, this payment can have a payment term i.e. 6 Month without interest, this information is registered in a Schedule Payment.

Finality we need to matched each payment with information Acquiring Bank using the #Voucher and Autorotation Code.

Please Michael & Colin I am very interested in know you comment about this functionality and if other are interest please you idea and comment are welcome.

By: Colin Rooney (crooProject Admin) - 2008-02-05 14:39
This Credit Card management looks very interesting.

Alas, my only experience with dealing with Credit Cards is from a family restaurant business (admittedly a very large restaurant with 1500 covers a day and €8m per annum turnover) but I never dealt with processing credit cards in my development life.

But Mikes' point is a good one, Chip'n'Pin is very common in Europe (is it everywhere now?) so I think his experiences will be like most. But we still make purchases via the web without a PIN so ...???

But Mike I think this proposal from Victor is different from the AR Receipt batches we talked of earlier in this thread (or was it another thread??)... anyway as I see it there are now two proposals

1) a move to make all payments "Payments", with a summary document that is the Cash Journal. The cash Journal would be used to manage all payments to, for example, a specific POS station. But could also be petty cash, or the plain old cash journal. It cold be completed in which cash final transactions could be made to adjust balances. It might allow us to transfer from one cash book to another (when the different POS drawers are brought to the cash office perhaps?).. or perhaps to a bank and that takes us to

2) And it's this last transfer to a bank that the new AR Receipt/Deposit Batch is used for.
The payments could be auto created to include all CC payments in a given period, or in the case of a typical Cash Journal the summary of Cash & Cheques lodged with the bank.
I see no conflict Between this AR Receipt batch and Victors development... just the addition that any payment has a term. I guess it could do with a aging report to manage these monies due... I doubt the standard Aging will pick them up will it Victor?

Now, Victor's proposals deals with the CC payments on a transaction by transaction basis, while Karsten's scenario seems to be the CC Merchant batches the payments up and pays in a lump sum. I guess if the lump sum expected and the lump sum actually received don't match then Karsten must be able to check transaction y transaction what is included in that lump sum???? Either way there seems to be some difference in how this is handled and I guess we need a solution that, like the rest of the application, is flexible enough to be used either way!?

In summary I think things are moving [slowly :)] ahead and we seem to be getting diverse requirements in that should help us come up with a good overall solution!

By: Michael Judd (mjudd) - 2008-02-05 10:50
Your development goes part of the way to solve the problem, but unfortunately for me there are a few issues that are not resolved.

1. I need to batch up cash and cheques - the totals of these bank deposits should be reconciled on the bank statement - not the indivudal deposits as this is duplicated effort.

2. Your enhancement appears to match the payments individually which would work for us but leaves a lot of detail in the bank statement document in adempiere that doesn't really exist on the real bank statement. I think it would be better if the total was reconciled on the bank statement and the detail was reconciled somewhere else.

3. We aren't able to use the online payment gateway for cardholder present transactions because we have "chip and pin", and the merchant terminal must be used to read the chip and communicate with the gateway. We are looking at different hardware options, but that would possible create more integration issues (serial ports / ip etc) This means that the transaction is duplicated in the POS at the moment and we don't record the authorisation number and aren't able to match the detailed merchant remittances to the receipts automatically.

If it's acceptable to people, I'll load a first attempt at the functionality in to our Adempiere On Demand demo system and then perhaps if people could login and try it out then we can see what new problems it might cause and work out a plan for addressing those issues.

By: Michael Judd (mjudd) - 2008-02-05 16:02

We have the issue of no chip and pin on web stores too. The issue is one of charges to the client. If you process the transaction through chip and pin, the receipt is processed as card holder present - which has a different risk and hence the bank deducts a lower fee. If the card is processed via the webstore (with no use of the chip and pin) but perhaps some other method such as cvvs then it is a card holder not present transaction and the fees are higher. If we processed everything like a webstore transaction we would be increasing the customers fees and we like to work the other way around usually........

I like Victors proposal about the settlement terms and I was thinking of including that functionality as it helps predict cashflow. However, I think there is merit in batching the transactions first before reconciling the bank statement rather than using a matcher to match possibly hundreds of thousands of individual credit card transactions.

What was Karsten's scenario - is it referenced on this page?

I've been thinking out loud and originally I was suggesting to batch the payments in a super batch but this had implications for the bank reconciliation. After talking with Trifon, I am more in favour of going the other way and making a sub table on payment (perhaps called c_paymentline) and make the payment the batch I referred to earlier. In the case of payments (outflows) - it would be common to have only one c_paymentline association with one c_payment but in the case of receipts (inflows) we would have a number of c_paymentlines of the same type associated with one c_payment (the batch). This would differ from c_paymentbatch unless someone can think of a way to recycle this and make it relevant.

I apologise for talking technical sql level but I've had a few questions about exactly how it might be implemented and I thought I might bring the discussion to a level that we all feel more comfortable with.

Wouldn't this be so much easier if we could sit in the same room for an hour!

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-02-05 20:14
I think a Payment Line do not is necessary because in Payment Table you have all information Tender Type, Credit Card Number ,Expire MM, Expire YY , Authorization Code, etc.
But can be that the confusion is with the mach payment.

This is my business case:
My customer have a contract with Bank Emitter Credit Card this is a represent of Bank Acquirer (VISA, Diners, Master Card, etc), The Bank Emitter Credit Card set the commission rate to each transaction and payment term; Libero POS create each transaction into of ADempiere using Account bank of Bank Emitter. finally we my customer send a file with detail of payment to Bank Emitter this is a batch day and this have a reference.

When should pay Bank Emitter?

Bank Emitter paid accord with payment term and negotiation, Bank Emitter sent a file with statement account bank, so with this information I reconciled with my payment registered.

My customer need know what is AR aging, so we add a payment schedule with due date for each payment.

also I receipt payments in Account Bank own, so this other bank and other transaction with other number lot, even is necessary match the payment from Bank Emitter in Account Bank own.

Then is necessary have detail each payment to know the aging and due date the payment and reconciled the bank statement.

By: Colin Rooney (crooProject Admin) - 2008-02-05 16:45
Just some quick replies then it's bed for me :)

re: If the card is processed via the webstore ... the fees are higher
Got it Mike!!! :)

re: I like Victors proposal about the settlement terms
me too :)

re: What was Karsten's scenario
There are a lot of threads on cash books & payments so I thought *it might be* this thread but actually it was this thread
https://sourceforge.net/forum/message.php?msg_id=4754838

re: a super batch but this had implications for the bank reconciliation.

Well the karsten thread leads to the AR Receipts Batch enhancement by Alejandro & Joel (again guys ... very nice). But Joel did identify one issue with this approach and that is to do with a loss of details on the processing of the "batch" ... I'm still weighing up the options on that question.

re: Payment & new Payment line
I need to consider further.

re: Wouldn't this be so much easier if we could sit in the same room for an hour!
:) yeah I guess so ... should we arrange a meet in IRC or skype?
I won't be around tomorrow (wednesday 5th feb) but I'm okay again for any day over the next week after that ... all are welcome! I guess GMT evening time to allow for Victor to join... since I guess it's mostly he & you (and Karsten!) with actual customer requirements here!

By: Kai Schaeffer (kai7) - 2008-02-06 01:56
Hi to all payment struggler,

somehow we have now a big discussion around this. What I will try now, is to bring at least our problem (Karsten's case) back to the core. It's possible that I missed a part of the discussion and if I am talking about obsolete stuff now please let me know. :-)

The main event is quite simple: We get money - a certain amount and we get it of course from one business partner. Next step with ADempiere is simple, too: We create a payment with this amount and BP. Next step is clear: Allocate the payment with the invoice that where paid with it. Here begins the trouble. The business partner of the payment is not necessarily the business partner(s) of the payment. And this could happen in a lot of scenarios - we discussed only a few of them - in our case the batch payment of the credit card company. Do want another one? Here: We have an invoice to John Doe and one to Jane Doe. John is now paying the invoice for him and his wife together... Do want another one? Just ask. ;-)

And all these cases could be solved when we implement a feature to allocate invoices of different BPs and different types (AR and AP) to one payment. Actually the structure is already there. You could create a payment and allocate different BPs invoices - not in the standard form but you could hack this. But only the accounting is not working because it ignores the invoice BP and is only using the payment BP. If we fix this everything is fine for many cases we are discussion now. Is this really such a big deal?

So tell me what I have missed. ;-)

By: Colin Rooney (crooProject Admin) - 2008-02-06 02:53
Taking your specific scenario, I think the concensus is; the BP you get the summed payment from shoud not be treated as a BP but as a Bank!

When John & Jane Doe pay you with their credit cards, their invoices are paid. Just as when you accept a cheque from them you consider it paid. However, IF you waited on allocation from the CC Bank payment then this invoice would remain unpaid and this might result in your customers (who as far as they are concerned have paid you with credit card) being dunned for monies due.

So if your CC BP is a Bank, the task is how to manage the reconcilliation between payments due from the Credit Card Bank .. which is the Bank reconciliation process.

Where we have gone with this discussion is to talk of ways that this reconciliation process could be managed better or more easily at least. The main question being how best do you reconcile the one large sum deposited from the CC Bank with the individual credit card payments in the system from John & Jane Doe.

By: Kai Schaeffer (kai7) - 2008-02-06 04:40
I see your point. Let me sort everything a little bit perhaps there is still something I don't understand correct. I think we should separate the different ways of paying:
- CC & cheques:
There we are active. We charge the CC or we bring the cheque(s) to the bank. Actually we get the money from the bank and so the BP bank for this payment would be correct. OK, the CCs are charged and we brought the cheques to our bank and when I understand it right we already created the payments for these transactions. These payments are unreconciled for now what means they are pending and we are waiting for the money. When the money appears on our bank statement we reconcile it. So you would suggest that we create one payment for every cheque we get and when the sum is on our statement we assign (reconcile) the sum to all the payments. OK, fine could work for this.

But what can I do if I have the most common way in Germany:

- Bank transfer:
The customer just transfers the money to our account and it suddenly appears on it. And let's say this is the payment of John and Jane Doe. So I had to create two payments and assign them to the bank statement line?

If I understand it right here what I don't like with this (even I see the advantages): You have a lot of payments which we have only as a sum on our bank statement. So on the accounting side we have a lot of bookings which we don't find on the bank statement (only as a sum)... Hm, perhaps it's just the problem that in Germany accounting is mostly booking-orientated. Give me a night to get used to this way. :-)

But most important: Do I understand it right now?

By: Colin Rooney (crooProject Admin) - 2008-02-06 08:35
Yes I think you understand and see the problems ok - and this is the purpose of the neat new enhancement "AR Receipt Batch" (from Alejandro & Joel) to batch up Cash & Cheques that may be deposited and appear as sum on the statement. And Victor's enhancement to do the same but also manage the cash flow with the credit card handler re payment terms (i.e. does the CC agent pay next day or end of month etc). The two together should address all these problems you see.

As is, right now, you must indeed manage the problem of many payments one lump sum in the bank.. so these are both very useful enhancements.

Re: Direct Deposits
Direct Deposits are not lumped right?
Well they may be multiple payments from a single customer consolidated .. just as our payment selection does... but there are not a mix of payments from multiple sources. In this case you would create the Payments as you do the Bank Rec... I don't have a running system in front me as I'm at a cafe - but I think there is a button to do this in the Bank Statement Line. I don't want to say too much because I can't confirm here right now but I don't think this is perfect either because it can't handle automatically discounts & write-offs so if they appear you must go to the Payment window and create the Payment and explicitly define the what to do if the Invoice & Deposit sums differ. If the deposit amount is a payment for a number of invoices I think you must create the payment then the allocation separately. I could say more tomorrow when I have a working system in front me! :)

So in summary... yes I think you have understood.
And yes there are problems but this is what the discussion of the new enhancements was about.

By: Kai Schaeffer (kai7) - 2008-02-06 10:56
Yes, I think I have it now. Thank you for your patience. And now I see why Alejandros & Joels enhancement is so valuable. And there is some work Karsten has to do again now.

1.63 Org * and security restriction

Bazaar Open Discussion

By: Anh Han (anhhn) - 2008-02-11 01:04
I want to define a report that can be used by users from all organization. I defined it with org * , however, user with access to a specific org can only see the report, but cannot run it. If I set access right for user to org *, they can run the report, but they also can do anything with org * (e.g create business partner with org *,...), which is not allowed activities for their roles.

If you have any work-arount solution, please share it!

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-11 23:23
Probably you could add access right for specific Role to start your report.

By: Anh Han (anhhn) - 2008-02-13 07:22
Do you mean create a specific role for this purpose? If so, user has to log out and relog in?

1.64 PaymentTermDueDate error

Bazaar Open Discussion

By: juanka (jccaleta) - 2007-11-15 14:42
I've a problem with postgres PaymentTermDueDate function, it returns the date and month correctly, but 30 years less.
Any idea?
Running on Ubuntu 7.04, Postgres 8.2.5, jdk 5.0.11, pljava downloaded from this repository.
I tested from Adempiere and from SQL statement, and the result is the same.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-11-15 21:50
Did you test with GardenWorld data?
Can you pass us the SQL statement here for GardenWorld?

By: juanka (jccaleta) - 2007-11-16 03:13
The function is used in RV_OPENITEM view, if i do a "SELECT duedate FROM adempiere.rv_openitem ;"

i get the date with 30 years less, just the invoices with scheduled payment have right date. I indicated my OS version, postgres, etc.. because i think the problem isn't with data, i restored the database in other OS,Psg, JDK, configuration and the view is correct. I downloaded the AVA Adempiere and i have the same error.

By: Manoj (manoj_jain) - 2007-11-16 23:03
I had faced the same problem with date like yours in adempiere with postgreSql 8.2.5 on Suse Linux.I found this is due to postgreSql setup available for Linux. There is a configuration parameter

"integer_datetimes(boolean)" for PostgreSql that creates the problem.

This parameter is used on compile time of postgresql.

You have to download the source code of postgresql and then compile it. Install your compiled code. Default value for this parameter is off and it works you don't need to change anything.

Just build from the downloaded code.

In my case it works. I hope it works for you too.

By: juanka (jccaleta) - 2007-11-20 04:48
Thank Manoj, your help has been very valuable
Other way to solve it with debian package is:

cd /usr/src
apt-get install dpkg-dev
apt-get install gcc
sudo apt-get source postgresql-8.2
sudo apt-get buil-dep postgresql-8.2
cd postgresql-8.2-8.2.5/debian
sudo gedit rules
look for "--enable-integer-datetimes \" line and delete it
save rules
cd /usr/src/postgresql-8.2-8.2.5
dpkg-buildpackage
dpkg -i postgres-8.2_XXX.deb

By: Matjaž Godec (agenda_gm) - 2008-01-30 04:47
Here is described pljava solution.
http://sourceforge.net/tracker/index.php?func=detail&aid=1882107&group_id=176962&atid=879332

More specificaly here:
http://pgfoundry.org/tracker/index.php?func=detail&aid=1010251&group_id=1000038&atid=334

is real pljava fix for this problem.

By: Heng Sin (hengsinProject Admin) - 2008-02-13 09:49
Note that the fix for this problem is now part of the new pljava 1.4 release, you can get it here:
http://pgfoundry.org/frs/?group_id=1000038&release_id=1024

1.65 How can I restore missing parts in Menu?

Bazaar Open Discussion

By: busybee (gunda) - 2008-02-06 13:37
I have found similar problems in this forum but it did not really help me to solve this problem: the summary folder of the knowledgebase is in the menu but all the subfolders (knowledge category, group, etc.) are missing. We cannot recall having changed anything. I checked all the access rights (incl. window access) - its all active.
I can see them, however, when I log in as SuperUser. Could anyone please help with some suggestions?
Thanks in advance!

By: Colin Rooney (crooProject Admin) - 2008-02-07 04:08
I saw your post yesterday and thought well I've not use teh knowledgebase so I wouldn't even notice if it disappeared .:) ... I'll leave it to people who also had this problem. But so far it seems none have.

I did look in my clean "trunk" install and the menus are there for all users (superuser, gardenAdmin & gardenuser).
This is purely a stab in the dark but one thing I thought perhaps could cause somethng like this is;

I work in English but to get the correct dates & currency rules I used en_IE. Which while English is still technically a translation. I have noticed that sometimes when I made a customisation it would not appear (or sometimes did and sometimes not!).. after investigating I discovered this was caused by logging in with a different versions of English ... in the "standard" English it would appear and the "Irish" English not ... and the issue was the translations. So whenever I have such strange occurences now I check in the "standard" English version first and also make sure I run reload translations for my en_IE English.

But these are standard window so to be honest I would be surprised if this was the issue. but it's the only thing I can think of.

what doe sthe knowledgebase do? is it useful? how is it used?

By: busybee (gunda) - 2008-02-07 05:44
Thank you very much for taking the time to respond. We actually always log-in using the same "translation" ie English_UK.

I think this is not a fault specific to the knowledge base but could perhaps happen with any menu item. I have tried the following. I logged in as SuperUser and checked the menu tree. Unfortunately, now I could not find it there either. So I added the windows knowledge category, source and synomym as new records and logged out. I re-started the application, and the newly added items disappeared again. Subsequently, I think it has something to do with the links to the windows/tables itself. There is no error log either to help me tracing this problem. I have no idea how to solve this issue. I hope it will not happen with any other menu item.

You are asking about the knowledge base. We find it very useful to have a type of library of information relevant to our business. It actually has different access rights. For example, for tax/VAT information, health & safety regulations, adempiere processes, etc. Personally, I think that the KB is still "under construction". There is no search function, and no way to display topics or items by category (actually, I am not sure why using category at all).

By: Colin Rooney (crooProject Admin) - 2008-02-07 06:29
Well like me then with English (Ireland), English_UK is considered by the system to be a translation too!!

US English is the base system language.

So do make sure you run the translation step.
Login in with the System Admin role (with either SuprUser or System user)
go to System Admin->General Rules->System Rules and open the Language window.
Select en_GB and hit the "Language Maintenance" button and select "Add Missing Translations"

Also, I'm not 100% on what it actually does :) but when I made AD changes I like to run the processes "Syncronize Terminilogy" and "Sequence Check" in the System Admin->Gereneral Rules menu

re: SuperUser
You are probably aware of this but just in case... You have to be careful here because there are users & roles. SuperUser has

access to the Roles System Administrator, GardenWorld Administrator & GardenWorld User. So if you login with SuperUser but the GardenWorld User role that does not mean you have access to all things. The role is very important too!

By: Colin Rooney (crooProject Admin) - 2008-02-07 06:30
I mean to ask .. if you login with the US English - the option with just "English" in the login language dropdown .. do the items appear in th menu then?

By: busybee (gunda) - 2008-02-07 07:31
Thanks for trying to help! I have followed your instructions but there is still no difference. The menu items were also missing when I logged in with the English(_US) profile

I guess something is corrupted? May be that's a stupid question. I can't really see that anything else is affected besides these 4 sub-menu items of knowledgebase. Should there be any log-file which could be of help to find what the problem is?

By: Red1 D. Oon (red1Project Admin) - 2008-02-07 09:54
With latest instance, I just found out that the Role item is no longer in my GW client. I was trying to tweak that when in the SO i couldnt get to the Post 'accts' button. Been tweaking around trying to synch or do checks but cant resolve it. Anyone else have same issue with latest trunk version?

By: Red1 D. Oon (red1Project Admin) - 2008-02-07 16:21
The trunk seems ok. Prove that by ImportADempiere from oracle seed. Now trying to go back to ExpDat dump to see if the bug replicates. If so, will reimport seed and reapply DB changes from migrtion/331b-trunk

By: Red1 D. Oon (red1Project Admin) - 2008-02-07 17:07
Tested nightly build from testadempiere.com same issue (getting fun). Will restore trace via scipts from last working adempiere dmp above.

By: Red1 D. Oon (red1Project Admin) - 2008-02-07 18:14
From the step suggested above (importadempiere and reapply all DB scripts in 331b-trunk) i can get back my role. I then notice post migration scripts in the folder and apply those also. But i guess its an earlier mystery how come role doesnt show in nightly build too (i m sure its nightly build cos it tells on the login screen with a version 332 and prompting that the DB date is not same with dialog box to migrate).

Back to the Posting button, i notice (via the AD and beanshell fields) the @#ShowAcct@=Y is off ('N') in the windows. So where is that ShowAcct field kept or controlled? It is seen in the role windows which GardenAdmin's Show Accounting is checked ON. But this field is not seen in the C_Order or C_Invoice table. How that value reside in the Windows? Newbie nomadic journey continues..

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-02-07 19:44
> So where is that ShowAcct field kept or controlled?
Tools -> Preferences -> Show Accounting Tabs

Also commanded by Role -> Show Accounting

By: moyses (moyses) - 2008-02-08 06:24
Nightly build is not working properly, I tryed with the binary from testadempiere.com and the Latest Nightly Build for Download prior to Emily Edition available on adempiere.com and both have issues with the database seed.

Neither one can be used for testing, debugging, without applying manually the migration scripts.

By: Red1 D. Oon (red1Project Admin) - 2008-02-08 08:14
It shuld work now Moyses, cos i did a restart on the files in SourceForge/Download due to some mistake in the earlier dump. Just give it a try again and let me know :-)

By: busybee (gunda) - 2008-02-09 07:14
You have taken over my thread with essentially a related but different problem :) You obviously assume that it could be related to mine!

I am still running the Adempiere 3.2.0 with the Patch for this.

We vaccuumed the Postgres database. We checked the tables of the missing menu items - all there.

Can I just repeat: I have also tried to add them again manually. However, following the next login, they are also not showing. I cannot remember having done anything that could have caused to loose these three items. The only thing which might have had an effect in some strange ways: I accidentally linked an organisation to the client and I unlinked it again. However, it still is a branch of the organisation tree, and annoyingly, I cannot get rid of it apart from de-activating it.

Has anybody got any idea how we can get our knowledgebase menu items back?

By: Red1 D. Oon (red1Project Admin) - 2008-02-09 08:11
Sorry gunda for the violent takeover. Back to the original question, have u try stuff such as recreating your roles or users? Used to try something like that for old issues.

By: busybee (gunda) - 2008-02-09 13:41
I am grateful for any suggestion! I have tried this now: I created a new user and assigned full admin roles with access to all windows, etc. I exited Adempieren and started it up again. I logged in with the new user id- but there is no difference.

Any other? Is there may be a log-file which could help to identify the problem?

By: Colin Rooney (crooProject Admin) - 2008-02-10 06:07
Well this seems to be a data corruption problem.

Now there may be a bug corrupting the data (although it doesn't seem to be very common) but I think we'd do best to concentrate on actually getting the menus back for now.

Is it possible that you could run a client in debug mode via eclipse?
Or at the least do as red1 suggests and change the trace level to ALL

The classes you need to look to are; org.compiere.apps.Amenu, org.compiere.grid.tree.VTreePanel, org.compiere.model.MTree.

MTree in particular is responsible for selecting the actual nodes for the menu tree, but do ensure that the AMenu & VTreePanel are selecting the menu tree you expect... there is a System default client default menu & role menu (there might be asystem wide menu too!? but I'm not sure)
Look closely at what happens in Mtree.getNodeDetails() & Mtree.loadNodes()
that's about all I can suggest.

By: busybee (gunda) - 2008-02-11 07:23
I have not tried Colin's latest suggestions yet but would like to bounce off the following: we have a copy of the database which still gives us access to the knowledge base items. Could we copy (import) all tables that are menu related from this old database into the current database with the corrupted menu? If so, could you please provide me with a list of all tables related to the menu?

In order to identify the problem, which I am sure will be of interest to you, I will try to follow your instructions.

By: Paul Bowden (phib) - 2008-02-11 14:16
Have you checked whether the menu items still exist in the database? If you can run something like
SELECT * FROM AD_Menu where name like 'Knowledge%';

in sql developer it should return 5 rows (with AD_Menu_ID in range 388-392). If they are there you could check whether they have somehow been dropped from the tree. (I've previously encountered a situation where my entire custom menu tree was dropped for no apparent reason.) It seems as though your main menu tree still exists, so try something like:
select * from ad_treenodemm where node_id between 388 and 392;

Which should return 5 rows corresponding to the ad_menu records.

If both these sets of records are there then you are probably suffering security/role problems. If they're then not your database has been corrupted and you'll have to copy them over (if you haven't added any custom menus then you could just copy the whole ad_menu, ad_treenodemm, and possibly ad_menu_trl from a clean database.)

By: busybee (gunda) - 2008-02-13 13:06
A big thank you to everybody trying to help us! Its a great community!

We followed Paul's directions and think that we might have had user/role problems (all entries were still there). Since we were not sure, and could not restore it, we decided "to bite the bullet" and revert to an older version database which still has the knowledge base items. We will have to re-capture some transactions but this is still better than using more of your and our time to try to find the problem.

If it is a user/role problem, I might have an idea how it happened: I accidentally linked an organisation. So suddenly, I had HM Revenue & Customs being part of our organisation! I tried to unlink but it would still appear on the tree. I think that unlinking an organisation might either not work or cause problems with the user/role setup. You might want to test this.

By: Red1 D. Oon (red1Project Admin) - 2008-02-09 14:21
You can set the preference-trace to finest and see what is stated in there. Later i will try to check my menu and see if i have the same menu parts missing or not.

By: Red1 D. Oon (red1Project Admin) - 2008-02-09 14:32
I have checked Gunda, all my knowledgebase items are in there - category, soruce, synonym, etc.. i login as English (UK) and they still there.

The items are locatred under System Admin > General Rules and i locate them easily via a search box entry 'knowledge' for it.

1.66 Management Inventory in Transient

Bazaar Open Discussion

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-02-13 19:32

I am to finish with the new functionality the DRP and Material management in transit
http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Distribution_Resource_Planning ,
but I want get a feedback of a critical business issue.

currently, functionality for the management of material in transit is not completed,so I have 2 alternatives to solve this issue:

First Option:
for management of material in transit in Adempiere we use a move inventory with
confirmation documents, the issue current is that do not exist a way to know what is the inventory in transit.

so now you can generate a move inventory with confirmation, when the document is complete this is placed in a status of process and a new document of confirmation is generated, when you complete the confirmation the move inventory document can be completing.

we can see the quantity unconfirmed move in menu option "Product info" to each warehouse.

pros

1.-with this option is possible use the current infrastructure
2.-we only need create a move inventory with confirmation
3.-we can use "Product info" to know the inventory in transit

cons

1.-is necessary complete the functionality
2.-is necessary modify some report that we the quantity on hand
3.-is necessary rethink some functionality in special what is the way to show the quantity on hand and available
4.-The inventory is not right because the system show the quantity on hand but this quantity also included the quantity in transit.

so I can go by this way but is necessary modify the current functionality to show the quantity in transit some way, also will be necessary change the way that is show the quantity available.

second option
this option imply create a transit warehouse and move the inventory with two documents

the first movement is create a document to move from source warehouse to transit warehouse , the second document is create to movement from from transit warehouse to target warehouse.

pros
1.-is easy know the inventory in transit , we only need get a report of inventory to warehouse in transit
2.-do not need create new functionality because if we use two documents the inventory is always update.
3.-The quantity on hand always is right
4.-we can take a physical inventory of the transit warehouse.

cons
1.-We need create 2 move inventory document
2.-We need create a transit warehouse
3.-The unique way to know the inventory in transit is with a report
in both case I use a distribution order to have the control of backorder qty, ordered qty, promised date, the shipper.

The Distribution Orders are generated via DRP, this way the balance between inventory of warehouse is maintained. for know what are the possible supply warehouse we use a distribution network, with distribution network we list supply warehouse , shipper , % supply and transfer time. so you can defined multiple supply warehouse with different % the coverture.

What is the option more adequate to implement?

Colin and Ramiro please if you can give their opinion I will always be grateful

any suggestion is welcome

By: Teo Sarca (teo_sarca) - 2008-02-13 23:20
Here is my opinion about this topic.

Take the following example:
Movement 1: WH1 ---> <InTransit> ---> WH2
Movement 2: WH3 ---> <InTransit> ---> WH4

The requirements, will be:
1. accounting should reflect the current status of movement
2. able to know when the stock will arrive in WH2, WH4 (mandatory if you have a delivery contract on WH2/WH4, stock is perishable etc)
3. able to know which is my in transit stock, and which is the destination of each lot
4. OnHandQty, ReservedQty, OrderedQty should be correct for each warehouse at any moment

To be more concrete, you have the "Movement":
WH1 ---<transit=TRZ_WH>---> WH2, Product=P1, Qty=10 (with shipment confirmation and receipt confirmation)
1. complete the document,
* WH1.ReservedQty += 10, WH2.OrderedQty += 10
2. shipment confirmation
* WH1.OnHandQty -= 10;
* WH1.ReservedQty -= 10
* TRZ_WH.OnHandQty += 10
* accounting consequences:
ProductAcct.TRZ_WH DR:cost
ProductAcct.WH1 CR:cost
3. receipt confirmation
* WH2.OnHandQty += 10
* TRZ_WH.OnHandQty -= 10
* accounting consequences:
ProductAcct.WH2 DR:cost
ProductAcct.TRZ_WH CR:cost

Also we will need to introduce the following fields:
* M_Warehouse.WarehouseType - to tell if this is an InTrasit warehouse or not; InTransit warehouses should not be available in *any* MM document, it's just an internal warehouse that is created on "Client Setup".
* C_DocType.TransitWarehouse_ID - which transit warehouse should be used in case of InTransit movements.
* M_MovementLine.ArrivalDate - to tell when the stock will arrive, and also to compare the estimated arrival date with actual arrival date (receipt confirmation date)
* M_Storage.LocatorFrom_ID, LocatorTo_ID - used in case of InTrasit warehouses to know which is the source/destination of the stock

Other topics that are not handled:
* freight costs that at least sometimes are included in product costs
* resource reservation in case i transport with my vehicles
* correct handling the reversal/voiding (i.e. how we handle the mistakes)

This is just a draft idea that can be improved.

By: Colin Rooney (crooProject Admin) - 2008-02-14 04:49
I remember you asked this question before and I had intended to answer then forgot ... sorry about that!

The current move with confirmation is very basic and has problems which you identified. In some environments I'm sure it's simplicity make it useful but I have no doubt that in a big enterprise environment the second option with intransit warehouse to be used in the movement of goods is an absolute must.

The only thing I say is, the two document approach does make it fit in well with the Adempiere way ok. But really the movement, I think, should feed into the normal shipping & receipt processes. The warehouse (shipping) staff will need a pick list to select the product & package it then ship... potentially just as with a Sales Order, with the shipper indicated be that internal or some external shipper. Likewise, when the goods arrive at the "to warehouse", the receivers should really be following a typical receipt process. Only they might be required to select a different MM Receipt document!

So perhaps the intransit movement document should be more like an order document?

Certainly as it is, I always felt, the movement document header should have from & to warehouses. As it is this is automatic by selection the locator on the lines.. but you can create a movement today FROM multiple warehouses ... that just doesn't make sense to me.

I like Teo's comments on Freight Cost & resource reservation but again I think this is generic to the whole shipping aspect of Adempiere, i.e. you could say exactly the same for customer shipments.

On that topic of a client using their own fleet, I have work in companies that actually treated the individual trucks in their fleet as (moving) warehouses.

So I guess in summary the proposal is a huge improvement on the current options. But I would consider a new "movement" document type that is like a super order with both shipment & receipt links. It is completed just as with an order and nothing much happens except it feeds into the generate shipping processes (we could add the "delivery method" to ensure compliance with force or non-force movement!!) ... once shipped behind the scenes the product moves to the intransit warehouse as described. Then the movement is available for receipt on the other end.

The other point to consider is costing. The use of Shipment & Receipt documents would handle this, but at what cost should we use. Although movement shipments should increase the CoGS!

So these are some first thoughts... not sure if they all make sense :) just my first reaction.

1.67 Payment Processor

Bazaar Open Discussion

By: Cameron (kjcsb) - 2008-01-23 01:57

We want to process credit card payments i.e. charge a customer's credit card. Could someone please advise how a user creates a payment in the client (not the webstore) that will get passed to the payment processor?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-23 02:51
Invoice (Customer).
Set Payment Type (Button which by default is On Credit).
New window open and user can change payment Type to Credit Card.

Invoice Must be Completed in order to be able to set Credit Card Fields.

1.68 Workload estimation for a new project

Bazaar Open Discussion
By: pelgrim (pelgrimforever) - 2008-01-23 03:44

I'm not so new in ADempiere, but new in implementing it for a client.

I have a new client to do just that and I need some idea's how to estimate how much work it is for
- learning how to implement ADempiere
- basic installation
- developping a new module, best to split this up in adding tables, simple forms and complicated ones.

tons of experience with that around, so I hope some good input.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-23 03:59
It is hard to make any estimate with only this information.
If you can answer next question i think that some initial estimate could be done.

1) Do you need to transfer data from old system to Adempiere?
What is the format of Data?
Can Standard Import process be used or modification is necessary? Here you need to test import of (BPartner, Product, Orders, ...).

2) Installation of Adempiere + Db tooks 3-5 hours, but if you strike a issue it could be much more.

3) Define Users and access right in the system. Time depends on number of users and different roles which must be created.

4) >- developing a new module, best to split this up in adding tables, simple forms and complicated ones.
What do you need to develop?
Do you have any user specification or process description?
More information is necessary in order to be able to make any estimate. From 1 hour to months/years is development...

Sometimes creation of specification and process description is more valuable and more costly than actual development.

By: Red1 D. Oon (red1Project Admin) - 2008-01-23 04:59

There are materials for you to use in Files/Documents here
https://sourceforge.net/project/showfiles.php?group_id=176962&package_id=235962&release_id=517249

Checkout the Fastrack and CostingSheet pdfs. They are useful to help u calculate and act as an implementation tempate and checklist for the items Trifon spoke of above. But its more general yet comprehensive. U may extend further for yourself.

1.69 Management Distribution Inventory

Bazaar Open Discussion

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2007-10-03 11:47

I am analyzing what is best way to management the transit inventory?

Situation:

In a retail industry the environment are conform by multiple warehouses
, each warehouse need management his own Reservation, On hand inventory

generality a store warehouse get the supply from central warehouse, so is necessary to management the requirement supply as Distribution Order.

the distribution order should to have next information shipper, promised date, ship to , product , qty to transfer. warehouse source , warehouse transit , warehouse target , etc., with this new document we can create distribution order. between warehouse and have the management of internal supply.

new functionality proposed :

The functionality to management this need is crate a new document called distribution order where we set the warehouse source, warehouse transit and warehouse target, the store create a new distribution order to item that need supply to support you demand.

Also is necessary a good control of back order, promise date.

when a distribution order is completed the system generate a inventory move with a move confirmation from warehouse source to warehouse transit , you entry the real quantities that you send from warehouse central to warehouse target, it movement generate the transaction the issue to each item and inventory on-hand is updated.

When the material is receipt in warehouse target you entry the qty confirm into the move confirmation and when the confirmation is completed the System generate a inventory move from warehouse transit to warehouse target, also here the are generate the transaction and on-hand is updated.

The new distribution order allow future new functionality to MRP or DRP (Distribution Requirement Plan).

Current functionality

current Adempiere only management inventory move & move confirmation, but the functionality is very limit.

Issue with the current functionality:

1.- current do no exist a control the back order , the quantities in transit , promise date to each item, do no is possible management the demand and supply between warehouses .
2.- the current approach do not update the on-hand until you complete the move confirmation, it is big issue because the material in transit can take 2 to 5 days to been deliver, while it time the inventory do not show the real on-hand inventory.

here I want start a debate to know what is your perspective this subject.

the 2 way to solve it issue is :

1.- Modify the current functionality to support some way the back order , the quantities in transit , promise date and solve the issue with qty on-hand
2.- Create a new document called Distribution Order to management it business process.

Any comment or idea are welcome!

Collin I am very interest in your perspective, I hope you can comment.

Victor Perez
CEO
http://www.e-evolution.com

By: vmahajan (vmahajan9) - 2008-01-23 08:49

I just came across this post that you had made quite some time back.

I had done some work on DRP, a few years back. And then on SCOR Model for the Supply Chain management. I have been out of touch with all that stuff, (I have been working on Health Care Systems). Some issues that come to my mind are:

1. From a system dynamics aspect, to prevent oscillations in the inventory at the various earlier stages in the DRP, some sort of a Base Stock information system should be attempted. In essence this means that ALL the stages are driven by the end-user demand. Most of the buffer stocks are determined in terms of weeks/days of demand times the end-user demand (NOT actual sales but demand, including lost sales because of stock outs).

2. If we treat each stocking point, packing, transit and receipt as a stocking point, similar to a job shop operation, or a process sheet/routing we could have a more versatile system, which may also be relevant for the shop scheduling problem.

3. I do not know at what stage is this sponsored project in, and at this stage I do not want to butt in, this is just my proverbial two cents.

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-23 10:26

Current you can find the functionality to Distribution Management into branch Adempiere350.

The functionality was created to management the distribution between warehouse, so a new document was created called Distribution Order

This Document have the control of (backorder, reserved , ordered , date promise between warehouse).

Now you can generate a Distribution Order from replenishment report based in replenish rule , the next functionality I need create is generate Distribution Order based in a Distribution Plan and a distribution routings

you can see more detail here:
http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Distribution_Resource_Planning

other important process I manage is the Inventory move , current the functionality the is very limited , you can not know the inventory in transit and onhand is update only when you complete the Inventory Move Document

this do not is useful because a material in transit can take some days, so a Distribution Order always use a Warehouse in Transit.

This is a description the current functionality that I am implementing:

1.-Create a the Distribution Order from replenish report or Run a DRP

2.-The distribution Order is created with a warehouse in transit , locator and locator to, also the Delivery Rule is defined (Available, Complete Order, Line Complete)

3.-The Distribution Order have a Business Partner that have the role the consignee so this way is validated your credit limit, generally a consignee support your inventory level with a warranty

4.-You can create a Inventory move same way that in sales order process, The Inventory move is generate from the Warehouse HQ to the Warehouse in transit, so the Distribution Order is set with Document Status in process, this update qty reserver and qty ordered in each warehouse.

5.- When a distribution Order arrive your destination you can create a receipt similar Purchase receipt , in this case is create other inventory move from the warehouse in transit to the warehouse destination.

Current I need create a functionality as current distribution list but based in onhand , the reason is that a industry retail is necessary balanced the on hand limited between all stores based in sales volume. But I sure not what way right to implement this business issue.

If you have some suggestion is welcome :-)

about the routings to DRP I am agree with you vision.

In this moment I want balance the inventory the all warehouse of a organization

1.70 adempiere with ubuntu 7.10 on amd64

Bazaar Open Discussion
By: liakosantonios (liakosantonios) - 2008-01-04 13:09

I'm new in Linux, although I've tried many times in the past few years to use this system, i hadn't any success (internet problems-no dsl- Greek civilization). Fortunately, i do have today fast internet and i can't wait to live Linux. I have installed Linux ubuntu 7.10 on an acer aspire amd64. Since now I managed all problems and everything seems to work properly. Most difficulties appear because of the 64-bit processor and the new challenge for me is to install adempiere on my system. I've downloaded Adempiere_331b.tar.gz, i'm using java 7 icedtea and postgresql8.1-pljava-gcj. i haven't manage to make it work yet. Any help to guide me would be appreciated. Thanks to all and have a happy new year...

By: juanka (jccaleta) - 2008-01-07 05:10
You need a java jdk, i recommend you java-1.5.0-sun-1.5.0.11

By: liakosantonios (liakosantonios) - 2008-01-07 11:41
An unexpected error has been detected by Java Runtime Environment:

```
#
# SIGSEGV (0xb) at pc=0x00002b39a1397e11, pid=16797, tid=1074792784
#
# Java VM: IcedTea 64-Bit Server VM (1.7.0-b21 mixed mode linux-amd64)
# Problematic frame:
# V [libjvm.so+0x5c9e11]
```

By: moyses (moyses) - 2008-01-07 14:01
You are using a not supported Java version, you need to use java 1.5 for the application server and java 1.6 for the clients.

By: liakosantonios (liakosantonios) - 2008-01-08 01:47
i cant set up java home. i think thats my problem. take a look of this: echo $JAVA_HOME

antonios@poseidon:~/Desktop/Adempiere$ sudo update-alternatives --config java

There are 4 alternatives which provide `java'.
Selection Alternative

```
-----------------------------------------------
1 /usr/bin/gij-4.2
2 /usr/lib/jvm/java-1.5.0-sun/jre/bin/java
3 /usr/lib/jvm/ia32-java-1.5.0-sun/jre/bin/java
*+ 4 /usr/lib/jvm/java-6-sun/jre/bin/java
```

i changed to 2 but when running runsetup.sh i take this: Install Adempiere Server

```
===================================
Setup Dialog
===================================
RUN_setup.sh: 29: /usr/lib/jvm/java-1.5.0-sun/jre/bin/java/bin/java: not found
===================================
```

and when echo $JAVA_HOME i take this:
/usr/lib/jvm/java-1.5.0-sun/jre/bin/java

By: moyses (moyses) - 2008-01-08 07:00
There is a wiki document specific for Ubuntu an adempiere on the wiki.
Follow it to the letter.
http://www.posterita.org/mediawiki/index.php/PostgreSQL_Installation_on_Ubuntu_%28with_PL/Java%29_for_ADempiere

By: liakosantonios (liakosantonios) - 2008-01-09 01:38

i am using jdk-6u3-linux-amd64bin instead of jdk-6-linux-i586.bin. is it a problem?
i cant find pljava64bit......
i have postgresql-8.1-pljava-gcj and postgresql-client-8.2. which should i use. for now i am using 8.2

By: jmp (jmpiloq) - 2008-01-09 05:12
try to compile and install pljava directly from pljave-project svn repository (dont know exact link right now...)

By: Paul Bowden (phib) - 2008-01-09 14:47
Had trouble with the 64 bit jdk-1.5 -- it uses a version of zlib that conflicts with the one linked in postgres (was fixed in 32 bit jdk but not ported). Check the postgres logs for errors when you try to load an sqlj function. Had too many problems with 64 bit libraries so reverted to 32 bit which made life a lot simpler.

By: liakosantonios (liakosantonios) - 2008-01-10 10:13
java -cp postgresql.jar:pljava.jar:deploy.jar org.postgresql.pljava.deploy.Deployer -database adempiere -user adempiere -password adempiere -install
Exception in thread "main" java.lang.NoClassDefFoundError: org/postgresql/pljava/deploy/Deployer

I think i have fixed some things but still i am facing problems
running adempiere server setup it gives when testing the follow:
server setup error
error jdbc connection
error connencting:jdbcpostgresql://poseidon/5432/template1- postgres/adempiere (where adempiere is my system password)

By: kstan (kstan_79) - 2008-01-23 04:18
I faced this problem before, because adempiere/compiere setup can't reach the localhost.
You can try edit /etc/hosts file, create 1 entry for servername1 (example) and point to your LAN ip (not 127.0.0.1).
Then during RUN_setup choose servername1 as dbserver, application server.

By: liakosantonios (liakosantonios) - 2008-01-23 04:28
I fixed the last problem in a different way and the setup finished successfully. now i am in Adempiere connection and while testing application server i take "receive time out". i dont know the server, the port and connection what it should be

when testing data base it gives me ok

i hope that would be the last problem

By: kstan (kstan_79) - 2008-01-23 04:46
I'm using exactly same OS and database with you. So far every time I use same method in my previous post. It work all the time.
Can you share with us what is your 'Difference way' so we can figure it out the problem.

By: liakosantonios (liakosantonios) - 2008-01-23 07:20
also it say "server not active" and i must mention than Garden works ok

i cant explain what i did

```
but when running Run_setup it gives
setup:

BUILD SUCCESSFUL
Total time: 2 minutes 46 seconds

*** 2008-01-23 16:41:22.884 Adempiere Log (CLogConsole) ***
===================================
Make .sh executable
===================================
Set Unix Environment
===================================
Setup Client Environment
===================================
Please add ADEMPIERE_HOME and JAVA_HOME to your environment
```

You chould also have set LD_LIBRARY_PATH
.
For problems, check log file in base directory

if this helps
i am still working on it

By: kstan (kstan_79) - 2008-01-23 07:23
I'd go through your previous post and now I understand your situation,
So far you'd successfully setup your adempiere system. You can connect to application server because you not yet turn it on.
Remember there is 3 element, application server, database server, adempiere client.
To turn on your application server, in command prompt try following command:

cd $ADEMPIERE_HOME/utils
./RUN_Server2.sh

Then open another command prompt, start and test again the application server connection.

By: liakosantonios (liakosantonios) - 2008-01-23 09:48
both tests succeed

thanks a lot

By: liakosantonios (liakosantonios) - 2008-01-24 13:28
i thing i have damaged again
yesterday it worked ok and was connected to Garden
booting again today is not working
although when testing the application server and the database it gives me ok then it doesn't connect

and it gives in terminal this:
==========> MSystem.get: get [11]
org.postgresql.util.PSQLException: ERROR: relation "ad_system" does not exist; State=42P01; ErrorCode=0

1.71 problems with RUN_server2.sh-Run_Adempiere.sh

Bazaar Open Discussion

By: liakosantonios (liakosantonios) - 2008-01-25 06:16
when starting RUN_server2.sh it gives in terminal= not foundios/Adempiere/jboss/bin/run.conf: 51

also= 871 ERROR [[/admin]] StandardWrapper.Throwable
java.lang.IllegalArgumentException: Invalid PO Info - POInfo[null,AD_Table_ID=-1

and= 889 ERROR [[/admin]] Servlet /admin threw load() exception
java.lang.IllegalArgumentException: Invalid PO Info - POInfo[null,AD_Table_ID

i must mention that running Run_setup.sh the test gives me ok

but when running the Run_Adempiere.sh

it can't connect to Garden and in terminal it gives= MSystem.get: get [11]
org.postgresql.util.PSQLException: ERROR: relation "ad_system" does not exist; State=42P01; ErrorCode=0

By: Tobias Schöneberg (tobi42) - 2008-01-25 09:47

I recently had a similar problem.
It means that the java part of Adempiere can connect to your database, but can't find any data.
I assume you did import the dump into your database, didn't you?

Do you use PostgreSQL?
If so, do you connect to the DB with username (=login-role) "adempiere"? Because all the data is stored in a DB schema named "adempiere" and if you connect with a username of say "not_adempiere", the PostgreSql-DBMS will look for all the data in the (non existing) schema "not_adempiere". This yields exactly the error message you posted.

The easiest workaround would be changing the user name to "adempiere". The second easiest would be changing the "search_path"-variable for the adempiere-DB.

By: liakosantonios (liakosantonios) - 2008-01-25 12:39
how import the dump?
i give = psql -d adempiere </home/user/Adempiere/data/Adempiere_pg.dmp
is it right?

giving that i receive errors =

```
SET
ERROR: parameter "standard_conforming_strings" cannot be changed
SET
SET
SET
CREATE SCHEMA
ALTER SCHEMA
COMMENT
CREATE SCHEMA
ALTER SCHEMA
SET
ERROR: could not access file "pljava": No such file or directory
ERROR: function sqlj.java_call_handler() does not exist
ERROR: function java_call_handler() does not exist
ERROR: could not access file "pljava": No such file or directory

and much more..
```

By: xiaomj (xiaomj) - 2008-01-25 16:31
Verifying pljava for postgresql,
and Please follow by:

http://www.adempiere.com/wiki/index.php/Adempiere_Install_WinXp

http://www.adempiere.com/wiki/index.php/Manual_postgres_setup_in_linux

1.72 Migration from Compiere 2.60a to ADempiere

Bazaar Open Discussion

By: Doey (doey_green) - 2008-01-30 01:12

I'm looking for a little assistance in migrating Compiere 2.60a to the most recent build of ADempiere.
Can some give me some pointers on how to go about that task. My backend database is Oracle.
Any advice would be fantastic.

By: karsten-thiemann (kthiemann) - 2008-01-30 01:49

Migration from 2.60a is an easy task since the 2.60a Compiere database is equal to ADempiere 3.1.2.

So all you have to do is to apply all db migration scripts from ADempiere 3.1.2 to the current version. Before you start make sure that you have a backup of your database since the scripts will directly change the database.

Please follow the instructions here:
http://www.adempiere.com/wiki/index.php/Migration

By: nwessel (nwessel) - 2008-01-30 02:11

I just want to add that Karsten ís the creator of the migration scripts, because he was so modest to not mentioning it :-)

1.73 Adempiere 320 + Postgresql + Store Procedure?

Bazaar Open Discussion

By: kstan (kstan_79) - 2007-12-14 21:28

Due to adempiere (I use 321) lack of some common report (Like sales summary for sales representative, branches, customer groups), I would like to add in this functionality. However I found that the postgresql store procedure listing is empty. So, I would like to know whether in this version not yet support adempiere store procedure? If it not support when will going to support it?

I'm not a java programmer and I prefer generate report via procedure(Since we no need to change the source code and we no need to worry about version upgrade).

By the way, I wish to add few report which is I think necessary into official database(Especially summary report for c_order/m_inout which need to involve programming/storeprocedure), who should I refer to?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-12-15 06:05

I don't understand which list do you refer.

> So, I would like to know whether in this version not
> yet support adempiere store procedure? If it not
> support when will going to support it?

Adempiere store procedure?
AFAIK Adempiere support to run stored procedures in database (oracle pl/sql, and postgres pl/pgsql) via processes.
Also, for this purpose you can construct views using your specific postgres functions and stored procedures.

> I'm not a java programmer and I prefer generate report
> via procedure(Since we no need to change the source code
> and we no need to worry about version upgrade).

Agree about flexibility, you can change the report or view without recompiling and redeploying.
I think you always need to worry about version upgrade - you need to verify for changes.

> By the way, I wish to add few report which is I think
> necessary into official database(Especially summary
> report for c_order/m_inout which need to involve
> programming/storeprocedure), who should I refer to?

Summarized views on c_order, m_inout looks like the easiest.

To be included in official database the development must accomplish:
- to be database independent (preferred way)
- OR support the two current databases (oracle+postgresql)

Another possibility is develop reports in Jasper - extremely powerful.

By: kstan (kstan_79) - 2007-12-15 07:26

I mean, some report like

1. Sales/Purchase Summary By Branches (With parameter datefrom & date to, product, issotrx,)
    =========================
    With column branch, customers, product, qty, currency, amount, convertedamount (All this is grant total group by

customers, warehouse, product, and etc)

2. Sales/Purchase Summary By Product (With parameter datefrom & date to,issotrx,and etc)
==========================
With column product, productcategory, qty, currency, convertedamount (All this is grant total group by product, productcategory and etc)

3. Sales/Purchase Summary By salesman (With parameter datefrom & date to,product, issotrx,and etc)
==========================
With column salesman, customers, currency, convertedamount (All this is grant total group by customers, salesman, and etc)

Above report is some of the summary report which is very common and useful, how I can't find it in adempiere/compiere. To produce this kind of report I need to make a process to product the summary.

Due to I can't found any procedure in adempiere 312 (postgresql), so I suspect adempiere not yet support postgresql's procedure. If it already support can somebody point me to the documentation? Or is it working exactly like adempiere+oracle stored procedure?

By the way, I have a few summary report willing to produce and contribute into the official database, like:
1. Simplified version of trial balance (current version too long)
2. Few Sales/Purchase summary report (existing is detail report, too long!)
3. Few Material receipt/Shipment Summary Report (existing is detail report, too long!)
4. Few simplified in house Material Transaction report.
*I feel strange because it is very easy to produce more user friendly summary report, but the fact is in the official database, it don't have.

As my previous post, I'm not a java expert programmer and have not enough time to dig the code, the thing I can contribute most is report.

Finally I able to produce report via postgresql stored procedure, so I post what I'd done.
----
1. create following table:

```
CREATE TABLE adempiere.t_salessummary_product
(
t_salessummary_product_id numeric(10) NOT NULL,
ad_client_id numeric(10) NOT NULL,
ad_org_id numeric(10) NOT NULL,
created timestamp NOT NULL DEFAULT now(),
createdby numeric(10) NOT NULL,
updated timestamp NOT NULL DEFAULT now(),
updatedby numeric(10) NOT NULL,
m_product_id numeric(10) NOT NULL,
value varchar(40) NOT NULL,
name varchar(60) NOT NULL,
qtyordered numeric(10) NOT NULL,
qtydelivered numeric(10) NOT NULL,
qtyreserved numeric(10) NOT NULL,
qtyinvoiced numeric(10) NOT NULL,
c_uom_id numeric(10) NOT NULL,
c_currency_id numeric(10) NOT NULL,
linenetamt numeric(10,2) NOT NULL,
issotrx char(1) NOT NULL,
m_product_category_id numeric(10),
dateordered timestamp DEFAULT now(),
CONSTRAINT t_salesummary_product_key PRIMARY KEY (t_salessummary_product_id)
)
WITHOUT OIDS;
ALTER TABLE adempiere.t_salessummary_product OWNER TO adempiere;
```

----
2. create a procedure(or function)

```
CREATE OR REPLACE FUNCTION adempiere.rv_salessummary(p_instance_id "numeric")
RETURNS "varchar" AS
$BODY$DECLARE
--standard parameter
d RECORD;

--define your parameter
pissotrx char(1);
p_product_id numeric;
datefrom timestamp;
dateto timestamp;
reporttype numeric;
lastnumber numeric;
e RECORD;
f RECORD;
BEGIN
--pulling your parameter


FOR d IN SELECT i.record_id, p.parametername, p.p_string, p.p_string_to,
p.p_number,p.p_number_to, p.p_date, p.p_date_to
FROM adempiere.ad_pinstance i, adempiere.ad_pinstance_para p WHERE i.ad_pinstance_id=p_instance_id
AND i.ad_pinstance_id=p.ad_pinstance_id ORDER BY p.seqno LOOP


IF d.parametername='IsSOTrx' THEN
pissotrx := d.p_string;
ELSEIF d.parametername='DateOrdered' THEN
datefrom:=d.p_date;
dateto:=d.p_date_to;
ELSE
RAISE NOTICE 'UNKNOWN PARAMETER';
END IF;
END LOOP;
--complete collect parameter

--start your code
--empty the temporary table
delete from adempiere.t_salessummary_product;

--GET LAST t_salessummary_product_id number
FOR f in
select s.currentnext from adempiere.ad_sequence s where s.name='t_salessummary_product' LOOP
lastnumber:=f.currentnext;
END LOOP;

--get sales summary
FOR e IN
select ol.ad_client_id, ol.ad_org_id,
m.m_product_id, m.value,m.name,m.m_product_category_id, m.c_uom_id, o.c_currency_id, o.issotrx,
sum(ol.qtyordered) as qtyordered, sum(ol.qtyreserved) as qtyreserved,
sum(ol.qtydelivered) as qtydelivered, sum(ol.qtyinvoiced) as qtyinvoiced, sum( ol.linenetamt) as linenetamt
from adempiere.c_orderline ol
inner join adempiere.m_product m on ol.m_product_id =m.m_product_id
inner join adempiere.c_order o on ol.c_order_id=o.c_order_id
```

```
WHERE (ol.dateordered between datefrom and dateto) and
(o.issotrx= pissotrx)
group by ol.ad_client_id, ol.ad_org_id,
m.m_product_id, m.value,m.name,m.m_product_category_id, m.c_uom_id, o.c_currency_id, o.issotrx LOOP

RAISE NOTICE 'OK';
INSERT INTO adempiere.t_salessummary_product
(
t_salessummary_product_id ,
ad_client_id ,
ad_org_id ,
created ,
createdby ,
updated ,
updatedby ,
m_product_id ,
value,
name,
qtyordered,
qtydelivered ,
qtyreserved ,
qtyinvoiced,
c_uom_id ,
c_currency_id ,
linenetamt,
issotrx ,
m_product_category_id
)
values
(lastnumber,
e.ad_client_id ,
e.ad_org_id ,
now() ,
1000000 ,
now() ,
1000000 ,
e.m_product_id ,
e.value,
e.name,
e.qtyordered,
e.qtydelivered ,
e.qtyreserved ,
e.qtyinvoiced,
e.c_uom_id ,
e.c_currency_id ,
e.linenetamt,
e.issotrx ,
e.m_product_category_id
);
lastnumber:=lastnumber+1;
END LOOP;


update adempiere.ad_sequence set currentnext=lastnumber,updated=now() where name='t_salessummary_product' ;

return 'OK';
--end your code

END;$BODY$
LANGUAGE 'plpgsql' VOLATILE;
ALTER FUNCTION adempiere.rv_salessummary(p_instance_id "numeric") OWNER TO adempiere;
```

----
3. create the a table, report view, report & process

(Login as system administrator)
1. create a table t_salessummary_product, then generate column
2. create report view Sales Summary (Product), link to table 't_salessummary_product'
3. create report & process 'rv_salessummary', fill 'rv_salessummary' in procedure column,
tick 'Report', Choose 'Sales Summary (Product)' at Report View Column.
4. Insert Parameter Sales Transaction (DB Column Name=IsSOTrx, Reference=Yes-No, Default Logic=Y)
5. Insert Parameter DateOrdered (DB Column Name = DateOrdered, Range=Y, Mandatory=Y)
6. Add report rv_salessummary into menu.
7. Logout and login to garden world admin, then I can see the report working.

Thanks for adempiere developer because we no longer need to purchase oracle database.

By: KimB (kimob) - 2008-02-01 05:09

i need to know what databases Adempiere support (by version if possible) ?
what is more recommended and why?
is their a lsit of the module existing in Adempiere, Any online demos ?

By: jmp (jmpiloq) - 2008-02-01 05:25

look here : http://www.adempiere.com/wiki/index.php/ADempiere_Installing

and here: http://www.adempiere.com/wiki/index.php/AVA for a demo.

What exactly do you mean by modules?

By: karsten-thiemann (kthiemann) - 2008-02-01 05:26
çsupported dbs are oracle, oracle xe and postgresql. Oracle was the only db supported by compiere when ADempiere forked.
PostgreSQL is now as stable as oracle.

An online demo can be found here:
http://demo-adempiere.idalica.net/adempiere-demo/demoLog/demo

You could also use the ADempiere Virtual Appliance (vmware image):
http://www.adempiere.com/wiki/index.php/ADempiere_Virtual_Appliance_Install
More information can be found in our wiki:
http://www.adempiere.com/wiki/index.php/ADempiere

1.74 Postgresql 8.2 security patch breaks pljava

Bazaar Open Discussion

By: Paul Bowden (phib) - 2008-01-15 15:10
Just a quick note for those using postgres:

A recent security patch to 8.2 is incompatible with the build of pljava currently available on the wiki.
http://www.adempiere.com/wiki/index.php/Manual_postgres_setup_in_linux

Be careful about upgrading.

See:
http://groups.google.com/group/pgsql.hackers/browse_thread/thread/53e45a8faf67d548

By: Tony Snook (tspc) - 2008-01-18 01:07

The latest P/L Java CVS Head has now been updated to be compatible with the recent Postgresql security patch.

I have some notes of how I upgraded my system on my wiki page.
http://www.adempiere.com/wiki/index.php/User:Tspc#PL.2FJava_Info

By: dellph (dellph) - 2008-01-30 07:15

I have tried to compile pljava from cvs but no luck. Can you share your compiled pljava? :)

By: Tony Snook (tspc) - 2008-01-31 01:46

I have sent you a copy of my pl/java binary.
Let me know if you don't receive it soon.

A lot of work has been done by Karsten-Thiemann to move many of the functions to pl/pgsql instead.
So perhaps one day we won't have to rely on pljava. But there are no definite plans yet.

By: dellph (dellph) - 2008-02-01 03:19

Hello tony i have received you email. thanks a lot. but it does not work in my ubuntu. this is the error when i evoke this command sudo java -cp postgresql.jar:pljava.jar:deploy.jar org.postgresql.pljava.deploy.Deployer -database adempiere -user adempiere -password interbase -install. an error occured org.postgresql.util.PSQLException: ERROR: could not load library "/opt/pljava/pljava.so": /opt/pljava/pljavaso: undefined symbol: JNI_CreateJavaVM

```
    at org.postgresql.core.v3.QueryExecutorImpl.receiveErrorResponse(QueryExecutorImpl.java:1548)
    at org.postgresql.core.v3.QueryExecutorImpl.processResults(QueryExecutorImpl.java:1316)
    at org.postgresql.core.v3.QueryExecutorImpl.execute(QueryExecutorImpl.java:191)
    at org.postgresql.jdbc2.AbstractJdbc2Statement.execute(AbstractJdbc2Statement.java:452)
    at org.postgresql.jdbc2.AbstractJdbc2Statement.executeWithFlags(AbstractJdbc2Statement.java:337)
    at org.postgresql.jdbc2.AbstractJdbc2Statement.execute(AbstractJdbc2Statement.java:329)
    at org.postgresql.pljava.deploy.Deployer.initJavaHandlers(Deployer.java:474)
    at org.postgresql.pljava.deploy.Deployer.main(Deployer.java:269)
```

any tips?

By: js_pangloss (parakles) - 2008-01-30 10:11

one question, maybe off topic. Are there plans to run adempiere on postgres without pljava in the coming release?

By: Colin Rooney (crooProject Admin) - 2008-02-01 07:48
All java procedures from Oracle were migrated to oracle PL by Trifon. And I think Karsten Thiemann has now, already, translated all this oracle PL to postgres PL ...

So look closely in svn you may find scripts to convert the PL/java functions so PL/java is not actually needed.
Of course this make maintenance more difficult but with only two DBs for now it's not unmanagable.

1.75 Libero POS & Call Center

Bazaar Open Discussion
By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-25 15:31

e-Evolution is pleased to announce Libero POS & Call Center

Libero POS is a swing POS & Call Center created with netbeans and matisse, so the user can modify the layout screen easily, you only need know java & swing, so the user also have control the any evet.

The Libero POS & Call Center is totaly integrate with Adempiere, is multi language and multi currency , multi payment, also have function to create selling via call center with functionality to show information of substitute product, Up Sell (Related Product) and Product Detail include Product Image.

Payment Rule management

The Libero POS & Call Center also let create multi payment (Cash, Credit Card,Cheque,Credit Memo,Transfered ,Money electronic)

Print Document

Print Quotation
Print Sales Order
Print Shipment
Print Voucher

We want your comment and suggestion :-)

With Libero POS & Call Center and Adempiere Replication Management we have the totally functionality to retail industry that need work off line.

More information here:

http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Swing_Libero_POS
http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Replication

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-25 15:50
Forgot what this is matisse
http://testwww.netbeans.org/kb/41/flash-matisse.html
http://www.netbeans.org/kb/articles/matisse.html

By: Red1 D. Oon (red1Project Admin) - 2008-01-25 16:39
It is all very nice, Victor!!! But who to document?? Can you send me some more readmes even in spanish, i will use Babel AltaVista to help me.

Gee.. i wonder how many docs i have asked for.. i think i am buried with docs here... Pleaseeeee!!! HELP!!! Urgent!!! <-- no good way to ask

Volunteers Needed :) <-- Good way to ask

By: Terence Ng (ngterry) - 2008-01-27 08:36

Could I select whether the credit card is Visa, Mastercard, American Express, etc. in Credit Card tab?
What the payment terms mean in Credit Card tab?
Could I treat the tax ID as Customer ID to search customers?
Does sales representative require password to login? Does it has this feature?

Regarding to POS, I'd like to inquire about the changes in the panel setting of following:
1) Showing how much the bill(cost might be $8 and I received $10 bill) that I've received from the customer
2) Showing how much remains that I've to return to the customer.

By: William G. Heath (wght) - 2008-01-31 12:15

I have a couple of very cool suggestions:
1. Make it automatically work with paypal via the paypal api, also create abstract java classes so people can extend them to operate with their own payment gateways etc...
2. Spawn a thread that listens for something called Automatic Number Identification (ANI) events and then pop up the customer account information associated with that phone number
3. Create the ability to handle multiple client communication channels, email, chat, as well as voice, obviously hooking directly into asterisk is a no brainer.

Most call centers, which I have extensive experience with, have queues of callers waiting for reps who are not busy. You need a way to signal to the exterior call router that an agent/rep is available or not available as well.

By: Bepi Esposito Vingiano (bepivin) - 2008-02-03 04:38

how to install Libero Pos & Call Center.
Is integrated where? In 350 trunk?

1.76 Continuous Integration

Bazaar Open Discussion

By: Joel Stangeland (jssolutions) - 2006-12-08 23:17

This is in some ways an extension of the QA proposal:
http://www.adempiere.com/wiki/index.php/A_Proposal_for_a_QA_Process
but weaves through a couple of different ideas for comment....

In the XP approach, they require that code be integrated constantly.
(http://www.extremeprogramming.org/rules/integrateoften.html)

Here is a procedure we had put in place for custom development:

Continuous Integration
This means regularly building and testing checked in code. Continuous Integration is one of the key elements of quality control and major time saver for integration issues. To be successful, the process must be automated.

1. Procedure
1.1. Developer checks in stable, tested code.
1.2. Every 15 minutes the CI tool checks to see if new code has been checked in since the last build completed.
1.3. If yes, then the code is extracted and compiled.
1.4. If it compiles, then all unit tests are executed.
1.5. If all unit tests pass, the CI tool flushes the app server, builds the web app files, loads the app, and runs acceptance tests.
1.6. Updates the Project Build page.
1.7. If build or tests fail, e-mail the developers and they have to get it fixed by reverting to previous components until debugged.

2. Advantages
2.1. Continuous integration minimizes time hunting bugs where one developer’s work has stepped on another’s without either realizing what happened.
2.2. This problem is exacerbated by time. With continuous integration the vast majority of such bugs manifest themselves the same day they were introduced.
2.3. It becomes immediately obvious where at least half of the interaction lies. This greatly reduces the scope of the search for the bug.
2.4. If we can't find the bug, we avoid putting the offending code into the product, so the worst that happens is that you don't add the feature that also adds the bug.

Does it seem like it would be valuable to put a tool like that in place? Already if someone checks bad code in it turns up quickly because we have developers synching and building 24 hours a day! But it seems like there might be frustration when a bunch of us spend time downloading and building bad code....

If this sounds feasible and valuable, maybe there are volunteers to help put the mechanism in place? We could arrange the needed hardware, etc. It would be neat to have a build status page in the wiki, and also notifications could go out for failed builds.

Just to extend the concept a little further... Once we have the build procedure in good shape, maybe we could also automate the AVA. Then you could have a choice- download the stable AVA, or the 'latest' build. Maybe even one from the bug-fixed branch and one from the new development branch. This would greatly increase the opportunity for eyes to see and test fixes and enhancements. Our best testers are functional people and not inclined to building for themselves.

Any thoughts?

By: Timo Kontro (kontroSourceForge.net Subscriber) - 2006-12-09 05:14
Making system that checks out code and runs tests automaticly is easy. Hard part is writing test cases for a big project like adempiere. Anyway I do not see any advantage in that kind of automation since every developer tests that code compiles before commit (at least they should). Also running test cases (if they exists) is easy on developers workstation. That kind of procedure is good for large C projects which takes lot of time to compile. Using multicore build server allows developers work on cheaper workstations since they do not have to compile code locally.

In that sence you are right that commits should be small. If you cannot deliver changes that compile in one small commit make a branch and keep it in sync with trunk (merging daily or weekly).

My thesis:
1. Make small commits which are easy to document in svn's log message.
2. If you commit to trunk make sure it at least compiles.
3. If you can not make small commit that compiles make branch
4. If your work in branch takes long time keep it sync with trunk.
5. Ask others to review your branch before merging changes back into trunk.
(6. Write testcases for everything you commit)

Autogenerating ava is too tricky, but script in ava which downloads and updates adempiere jars could be possible. I do not understand why should I make it though.

I made ava for nontechnical bussiness people who are eager to evaluate adempiere. Now it seems that people are abusing it in so many ways :) Wildest suggestion was that if I could make a ava with eclipse to work as a development platform!

I am confused about popularity ava got. I have to rethink ava's target audience and use.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2006-12-09 08:35
> I made ava for nontechnical bussiness people who are eager
> to evaluate adempiere. Now it seems that people are abusing
> it in so many ways :)

Hahahaha, this is the very good of bazaar, most of the good inventions finish used in many different ways as originator can dream, Congratulations Kontro.

By: Teo Sarca (teo_sarca) - 2006-12-11 06:37
I agree with Joel Stangeland (jssolutions).

Also i would like to underline that the current build process is a big pain, and from my point is unusable for day by day development.
For example, if you have to modify a class (let's consider MInOut.java), your will build the "base" module, that base.jar, than unpack the whole jars in some temp directory and build the Compiere.jar/Adempiere.jar. After this, rebuild the war package and then the ear package.

Personally, after the first build, i drop the whole current "build process", keep the ears,wars and jars unpacked (excluding the ones for the webstart), copy all the classes directly in their places, and finally, touch the application.xml file.

I would like to know how are you guys working day by day, and i have some questions:
1. why we need a big fat Adempiere.jar instead of adempiere-dbPort.jar, adempiere-base.jar, adempiere-client.jar etc?
2. for the server side, why we need to pack the ear, war and jar files, even in production?
3. why we need to repack a lot of external libs in other big fat jars (see CTools.jar, AdempiereCLib.jar, AdempiereSLib.jar etc)? wouldn't that be easier to maintain the external in the original jars ?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2006-12-11 12:04

I'm not sure how to answer other two questions, but for 2 we have two approacehs.

A) Store one big ear file. This is good when developer wants to transfer application to other application server. In our case we do not have benefit from this.

B) Store unpacked ear and war files.

> 2. for the server side, why we need to pack the ear, war and jar files, even in production?

By: Teo Sarca (teo_sarca) - 2006-12-12 00:49

>I'm not sure how to answer other two questions, but for 2 we have two approacehs.
>A) Store one big ear file. This is good when developer wants to transfer application to other application server. In >our case we do not have benefit from this.

>B) Store unpacked ear and war files.
>> 2. for the server side, why we need to pack the ear, war and jar files, even in production?

i like the B) option. I currently used it, and the synchronization of client servers it's a breeze, it's fast and can be 99% automatized.

By: Red1 D. Oon (red1Project Admin) - 2008-01-25 03:41
Trifon,
Its good idea. We have a list of our members from wiki and .com. If someone can tell me how to add them to our maillist in SF, i be glad to do that. I m sure the members will be glad too to receive also news from time to time in html format and not having to visit our sites or remembering to.

By: Tobias Schöneberg (tobi42) - 2008-01-25 01:23
we now have a hudson (https://hudson.dev.java.net/) buildserver running that polls the ADempiere trunk at regular intervals (currently every hour, but could be adjusted to every 5 minutes). If something has changed, the build.xml file in utils_dev is executed to build and install the trunk.

Now in the short time we have this build server it happened twice that the trunk couldn't be build sucessfully. Imho not a big deal so far because it were minor problems that could easily be fixed. Also I think the commiters are doing a great job and it's just human to make a mistake from time to time.

However, the build server has a feature to send out emails if a build didn't succeed. Therefore metas offers to regularly check whether the trunk (or other branches as well) builds. If it doesn't build, we could send out an email to the person who committed the problem (if you want to a list of other persons as well) to warn them about it.

Anyone who wants to receive such an email would need to give his sourceforge login name and email adress to metas.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-25 01:49

I would like to propose creation of new sf.net e-mail list. Your build server can send emails to the e-mails list and everyone how wants to subscribe can do it from sf.net site.
What do you think?
You will save effort for adding new subscribers and email list is more visible as it is part of sf.net Adempiere project.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-25 07:30
Thanks Tobias, that's a great tool.
I would recommend to send the e-mail to the list adempiere-cvslog@lists.sourceforge.net

This list is a MUST to all committers. So, there are high possibilities that the person that put the failing code will be notified.

By: Tobias Schöneberg (tobi42) - 2008-01-25 09:34

I added "adempiere-cvslog@lists.sourceforge.net" to the list of recipients.

FYI, these lines are from the hudson help and tell us when an email will be send:

> 1. Every failed build triggers a new e-mail.
> 2. A successful build after a failed (or unstable) build triggers a new e-mail, indicating that a crisis is over.
> 3. An unstable build after a successful build triggers a new e-mail, indicating that there's a regression.
> 4. Unless configured, every unstable build triggers a new e-mail, indicating that regression is still there.

As we don't run automated tests in our build process (or do we?), there won't be unstable builds, just successful or failed ones. Currently every build fails due to the unavailability of adempiere.svn.sourceforge.net. So in order not to spam you too much with pointless failure emails I have set the schedule to only one build-attempt per day (at 1:00am cet) until further notice.

I hope we will have a lot of fun with this new toy ;-)

By: Tobias Schöneberg (tobi42) - 2008-01-26 01:09
as svn is up again I put the buildserver to schedule one build (targets clean-all and complete) every 30 minutes. This number is arbitrary, if you think another schedule is better, just tell us.

By: Teo Sarca (teo_sarca) - 2008-02-04 03:27
I think it will be good to run test.functional.FunctionalTestSuite class after compiling is done.
I know that there are only 8 tests but i think in future we will have more (to share Trifon's optimisms ;)).

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-04 03:35
I agree with Teo.
Let's run all test which we have till now.
Teo, to be honest i think that at some moment in time(after integrator companies have enough project) will start paying developers to create functional test as effort to test by hand will be too big. Let's hope that this moment comes early.

1.77 Multiple invoices per sales order

Bazaar Open Discussion

By: Goh Yan Chang (gohyc) - 2007-04-23 09:36
We have a requirement to create multiple invoices for a single sales order. Our customer request to bill them in stages. It is possible to configure Adempiere to do this?

By: Colin Rooney (crooProject Admin) - 2007-04-24 09:26
or perhaps an Invoice Payment Schedule is what you require.
THis is managed via teh Payment Terms ... see the examples in gardenWorld. specifically the "50:50" payment term.

By: Goh Yan Chang (gohyc) - 2007-04-25 07:09
For the case of 50:50 payment term, customer will like to receive 2 invoices on different months, each stating 50% of the total sum.

By: moyses (moyses) - 2007-04-24 07:35
You can create partial shipments, then those shipments can be invoiced.
So the answer is Yes is possible.

By: crimzone (crimzone) - 2008-02-03 07:56
Is it possible to invoice those shipments without using the "Invoice Schedule"?
Scenario:
Sales order for 100 units of product A(one Order line). Delivery rule is set to "Availability" and Invoice rule is "Immediate".
As 50 units of product A arrives from supplier(vendor), it is shipped to customer immediately. According to business practice the customer is invoiced for the "delivered" 50 units immediately - in fact, an invoice is delivered with the 50 units at customer location.
How could this scenario be handled in ADempiere now?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-04 02:29

>is it possible to invoice those shipments without using the "payment schedule"?

Yes.

>Scenario:
Create a Shipment for this Business Partner, set product and set qty = 50.
Generate Invoice From shipment, print invoice and send it to the client.

By: crimzone (crimzone) - 2008-02-04 02:51
This is what I'm currently trying to do:
1. Sales Order - 100 units (Doc Status:Drafted) Window:Sales Order
2. Create a shipment for 50 (Doc Status:Completed) Window: Shipment(Customer)
3. I can't Generate an Invoice for a "Not Completed" Sales order. So I complete the sales order to generate the invoice, but it invoices for the 100 units, instead of the 50(shipped) units. (Process:Generate Invoices)

What do you mean "Generate Invoice from Shipment" ? Am I missing something or skipping a step?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-02-04 02:59
>. Sales Order - 100 units (Doc Status:Drafted) Window:Sales Order
>2. Create a shipment for 50 (Doc Status:Completed) Window: Shipment(Customer)
>3. I can't Generate an Invoice for a "Not Completed" Sales order. So I complete the sales order to generate the invoice, but it invoices for the 100 units, >instead of the 50(shipped) units. (Process:Generate Invoices)

>What do you mean "Generate Invoice from Shipment" ? Am I missing something or skipping a step?
Yes, you have one missing step.
What is Invoice Rule on Sales Order and Delivery Rule?

If Delivery Rule is 'force' it will generate shipment for 100.
Set it to available and i think that it will generate shipment for 50, unless you have 100 in warehouse.

By: crimzone (crimzone) - 2008-02-04 03:32

Thank you very much! It worked perfectly!

By: Dimitri (dkambz) - 2008-02-03 23:18

Need the same functionality as Pete! Anyone know how to do this?

1.78 Adempiere print customer invoice in web

Help
By: sdhumak (sdhumak) - 2008-01-16 04:21
Hi,

I am newbie to Adempiere api and stucked on development where on my requirment is to render a customer invoice (Quote-to-Invoice>Sales Invoices>invoice (customer)) in a pdf and then print the same.
This functionality is very well available in the desktop client but not in Web.

I am using version 3.3.1b for this and would like to understand how can I can proceed further to include this functionality in web?

1.79 Sponsorship

Functional-Financials
By: racd (racd) - 2008-01-15 00:47
Hello everybody, as i am understood there is no specific module in the adempiere for receiving Sponsorship. Currently i got a customer which has receive sponsorship from third party by money. The Sponsorship cycle is more or less like this

Sponsorship cycle
1. Receive sponsorship from third party by cheque
2. Record the sponsorship amount in the cash book

3. cash the cheque to the bank

By the reason of no specific module for sponsorship in adempiere, so i planned to use Sale Order to enter the sponsorship. My idea is more or less like this

1. Product Setup

Name: Sponsorship
Product Type: "Service"
Price: set default sales price ="0.00"

2. Sales Order

Document Type: "POS Order"

* select product "sponsorship" in order line
....price = "actual sponsorship amount"exp:90,000.00

After processing the POS Order system will automatically create the shipment, invoice and cash collection at cash journal.

3. Create a new cash journal with in order to transfer the sponsorship amount from cash journal to bank
..cash type="Bank In Transfer"
..amount = -"sponsorship amount" exp:-90,000.00
..Process Cash Journal

4. Create Bank Statement and process in order to update the bank balance amount.

I hope anybody who more expert in the accounting can give their opinion on this issue. Is it o.k if i use the steps that i mention above to treat the sponsorship cycle.

By: Red1 D. Oon (red1Project Admin) - 2008-01-15 01:50
Give the details of the product you create for that SO.

By: Colin Rooney (croo) - 2008-01-15 06:18
Just to clarify; when you say sponsorship is that is in "advertising", i.e. a sports person wears a badge on their shirts or is it more as in a not-for-profit donation?

I know in accounts cash (as in legal tender) & cheques are, typically, all considered to be "cash".

But if it is always in the form of cheque or bank transfer (and maybe even if it wasn't)
I think I would simply created a charge and point it to a new "Sponsorship" account created & located appropriately in the CoA. Then create an "AR Payment" for the relevant bank to which the cheque will be lodged, for the amount sponsored and point the Payment to the new Charge. Then you need only do the Bank Reconcilliation via the Bank Statement. So you have only two documents to manage, the Payment & Bank Statement, and in my opinion a much simplier process. You could also customise an Payment Print Format to print a receipt to whom ever sponsored.

Now if we are talking sponsorship as in "sports" perhaps you wish to use the service product in order to do some sales analysis?? As in who made "the sale", what Sales region etc ... in which case your Service product approach might be more appropriate. But cheques don't typically go into the Cash book in adempiere ... only cash as in Legal Tender. So you would typically still create an AR Payment rather than a Cash Journal entry. A POS order would automatically create a Cash Journal entry ok, but if you create an "On Credit Order", then the Shipment & Invoice will also be automatically created but not the Cash Journal entry. Once the sales order is completed, however, you can press the "Payment Type" button on the Sales Order header and from the popup window that appears select Cheque (or Credit Card or any other type!). Filling in the Cheque details and pressing OK will create & complete an appropriate "AR Payment" ... which you would then reconcile with the Bank Statement once the payment is "cleared" by your bank.

Now having not had to do this I have not considered this problem a lot but this would be my first thought.
If this is non-profit scenario I would suggest that you speak with an accountant in your locale to determine how such donations should be legally accounted for... I could imagine the normal GAAP might not be applicable.

By: Alfred_Jones (alfred_jones) - 2008-01-15 16:49
You could create a product as a service (not stocked) and then use the Invoice (customer) window to record the 'sale'. Select the method of payment from the dropdown in the invoice. If there can be a tax on the transaction then do not use Payment/Charge. There seems to be little point using a POS Order to create a sales order and shipment as nothing is ordered and nothing is shipped ;-)

By: racd (racd) - 2008-01-16 01:12
sponsorship that i means here is non profit donation that receive from third party use to organize a big function. I agreed with all the suggestion. what i can see, all of u has give me better option to treat the sponsorship cycle. Actually before this i planned to use POS Order because, i try to totally follow the current customer process, where when they receive sponsorship they will record the amount to the cashbook before transfer to the bank. But now i think i got better option as suggested by all of u.

first option
----
create new charge called "Sponsorship"

create new AR Receipt to the collection for the charge
Charge = "Sponsorship"
Payment Amount = "Actual Sponsorship Amount" exp:90,000,00.00
Tender Type = "Check"

Create Bank Statement and process it in order to update the bank balance.

#it think this is the simplest way to treat the sponsorship. However by using this way its means after this the customer will not see the sponsorship amount in their cashbook detail report. is it right?

second option
----
create new charge called "Sponsorship"

Create New invoice for the sponsorship
Invoice line
>>Charge= "Sponsorsip"
>>Invoice Amount = "actual sponsorship amount" exp 90,000,00.00

Make a collection using payment module and select the sponsorship invoice.

Create Bank Statement and process it in order to update the bank balance.

#How about if i using this way but change from create and select product= "Sponsorship" in invoice line to create and select =Sponsorship".

Another thing, actually from the accounting view which one is better either create "Sponsorship" as new Charge or new Product with type ="Services". In this case sponsorship is non profit donation and given by cheque.

By: Colin Rooney (croo) - 2008-01-17 10:16
if you had to manage the collection process then it might be useful to use Invoices. So if you received pledges before the cheque, for example, and needed to manage who had paid and who didn't then you could use the Invoices and an open invoices report would tell you which invoices or pledges had not yet been received. But if you simply receive cheques in the post and wish to register these receipts then I don't see the advantage of the Invoice step... I would just jump straight to the Payment window to register the receipt.

re: no cashbook report
There is a Payment detail report too!

re: Charge versus Service Product.

Well again I proposed the Charge over service product because you can enter the charge on Payment header so there is only one window/screen .. no creating the header, then switch to the line tab and enter the product.

from an accounting standpoint I think you will need to review the GL Postings as from my little amount of googling on the matter it seems that the CoA and accounting for a not-for-profit does differ from a typical trading scenario which Adempiere is aimed at. That's not to say it's not usable for you situation, I'm simply suggesting you check the CoA and ensure the GL postings for the processing of documents are appropriate. Assuming this is not a new Not-For-Profit the must have an existing CoA an info on what & how transaction are recorded in this CoA.

So in summary I still think option #1 is simplest.

By: Red1 D. Oon (red1Project Admin) - 2008-01-17 15:36
Yes, the not for profit postings to accounts is defaulted differently, and this is what our chartered accountant (AAH who is in the remote team with Racd and me) will handle that for doc processing and accts postings.

I have told Racd to post here so that this know how can be shared and improved upon. Also i m training my locals to experience the nature and culture of the bazaar and build their confidence and resourcefulness back to it. An idea i suggest to any other team here to practice.

1.80 Make payment numbering configurable?

Functional-Financials
By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-17 06:20
Hi, two of our projects don't like the way Payment window behaves regarding to DocumentNo.

When you enter a payment or receipt with tendertype check, and you enter a check number - the document number is being replaced with the check, my customers have asked me to change this behavior to continue numbering with the normal sequence of payment and receipts.

Same behavior when you enter a credit card payment or receipt.

Is there a reason to have this behavior by default?

This is done within the MPayment->beforeSave->setDocumentNo trigger - can we do this configurable? How? Ideas? Maybe System Configurator?

By: Colin Rooney (croo) - 2008-01-17 07:48
>> Is there a reason to have this behavior by default?
I would speculate the reason is...

In a commercial scenario the customer is not typically provided with a receipt of the payment so an internal sequence number as per other documents would not be something they have - if it was a POS situation normally the Invoice serves as a receipt. So if there was a mix up and the customer said "I paid that invoice", he would not have a Payment document number to reference... But he could tell you I paid with Cheque Number .... or Credit Card Number. Also the Lookup popup for paymenst includes Document No but not Cheque or Credit Card etc and having one field to search for the reference might be easier than filling in different Bank Account/Credit Card/Cheque number fields.

But after saying that I can well imagine scenarios where the Document Sequence is better or even a must have requirement so I would think this would be a useful change.

As for how ... well thats a two fold question Functional & Technical.

The Technnically question I won't comment on because you can answer better than me... but if you are suggestion a before-save trigger simply to avoid changing the core - well I think this would be a valid change to the core itself.

Functionally; I don't know if any other Sequence no/Document no are over-ridden in this way? But maybe something generic that is applicable to all documents ... maybe a flag on the document sequence window saying this sequence can be over-ridden (programmingly [is that a word? :)] that is) anyway if we wish then to over-ride an auto assigned sequence number we must first check if this flag is set? But I haven't given any thought on how easily this might or might not be achieved or if it could be enforced! "Document No"s are Strings in the AD .. perhaps if we added a new "Reference" type of DocumentNo then maybe we could use the GenerateModel to auto produce code to enforce the check? or at least set the setDocumentNo as final there by enforcing the auto ssigend numbering... But I'm slipping into the technical side :) and anyway if this is the only place this occurs then it would be much simpler to just modify MPayment.setDocumentNo() to check a system config setting ...

Anyway I had just intended to say why it *might* be useful for it to function as it does now for some.

1.81 Cash Journal and charge issue

Functional-Financials
By: kstan (kstan_79) - 2008-01-15 05:56

From another topic I know that we can use cash journal+charge to input cash transaction into several account. I like this ideal and plan to implement it in my company.

However I found some issue when using this method, hope to get some advice here.
I have define 2 account,
Charge Expenses (Expenses account), link to charge accounting page as expenses account
Charge Revenue (Revenue account), link to charge accounting page as revenue account

1. When I post +ve amount in cash journal, it act as below:
Cash On Hand Debit +amount (of course)
Charge Expenses Debit -amount (I wonder why? Since it is revenue account, and why it post debit as -ve and don't post to credit?)
*Balance Debit & Credit = 0

2. When I post -ve amount in cash journal, it act as below:
Cash On Hand Credit +amount (of course)
Charge revenue Debit +amount (I wonder it is a cash out transaction, why it post to charge revenue account)
*Balance Debit & Credit = amount

My Confusion as below:
====================
Since I'd define the 'charge revenue' at charge accounting property page, and the account type=revenue (I'm sure in account element it is revenue as well), why when I have a cash out transaction it will post to charge revenue?
Hi everybody,

From another topic I know that we can use cash journal+charge to input cash transaction into several account. I like this ideal and plan to implement it in my company.

However I found some issue when using this method, hope to get some advice here.
I have define 2 account,
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My Confusion as below:
====================

Since I'd define the 'charge revenue' at charge accounting property page, and the account type=revenue (I'm sure in account element it is revenue as well), why when I have a cash out transaction it will post to charge revenue?

Same thing for cash in transaction, I'd define charge expenses at charge accounting page, why adempiere don't post credit +amount but debit -amount? 2nnd question is we have cash in transaction why it post to the charge expenses?

I use adempiere 321b(with latest patches), any help is greatly appreciated.

Regards,
Ks tan
Same thing for cash in transaction, I'd define charge expenses at charge accounting page, why adempiere don't post credit +amount but debit -amount? 2nnd question is we have cash in transaction why it post to the charge expenses?

I use adempiere 321b(with latest patches), any help is greatly appreciated.

By: kaca (katjakositer) - 2008-01-15 22:43
I do not know, what exactly is your problem, but Cash Journal works qute
OK for me.

For example: closing Open Items with CashJournal (for Invoices (Vendor or Sales), you can change Payment Rule on already Completed Invoices from "On Credit" to "ash". As soon as you make that, there will be CashBook line automatically provided. And when you complete CashBook, there is also Allocation for this Invoice automatically provided (Invoice is aloocated and will not apear in Open Items anymore). The only problem here is, that the amount in CashBook Line, provided based on Invoice Vendor (changing Payment Rule on Invoice Vendor to Cash), there should be negative value provided in CashBook Line(we made thir patch yesterday and will be added on my yesterday's Bug report), because in CashBook we write expense (money out) with - value, and receipt (money in) with + value.

1.82 How to perform internal use in newer version

Functional-ERP
By: kstan (kstan_79) - 2008-01-13 07:05

In Compiere we use document type 'internal use' to in transaction 'internal use', however currently I no longer see this document type. So my question is, am I need to choose document type 'physical inventory' in 'Internal Use' Windows?

I'd ask this question at open discussion topic but red1 ask me to come here.

By: Bahman M. (bmovaqar) - 2008-01-13 20:34
Yes. In fact that's the only document type accessible from that window.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-14 11:38
You can create your own documents with your own names based on "Physical Inventory".

1.83 Compile Adempiere source

Developers
By: jluiza (jluiza) - 2008-01-21 03:18
We have downloaded Adempiere sources revision from 30-11-2007. When we tried to compile it has found about 60 errors.
So we tried to update those files, where the errors have been found.
Please, give us an advice, what should we do? May be you can tell us, what revision is correct and stable? So we will update sources to this revision.
Or maybe you can tell us, where we can take sources, which are stable and work correctly when compiled?
We would like to create business processes (and we can't do this without sources) and add some functionality, for example, to create buttons for editing attachments online, enable digital signatures for attachments and so on.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-21 03:54
we are trying to keep trunk and all branches stable and compilable all the time.
I would recommend you to work with a tagged sources and avoid trunk as trunk keep changing every day and hour.

Generally you need Eclipse IDE, SVN plug-in and only to check-out projects from svn into your local Eclipse workspace. There must be a wiki page with description of all steps, please search for it in Adempiere wiki.

A small advertisement from my side. I'm providing Adempiere source, Eclipse IDE, JDK in one single DVD setup and ready for use. Developer just need to copy DVD to it's local HDD and start working.

By: Ngigi Waithaka (ngigiwaithaka) - 2008-01-21 04:34

Check whether you are using JDK 1.5. I seemed to have similiar problems with JDK 1.6

By: Red1 D. Oon (red1Project Admin) - 2008-01-21 04:39
I just updated source from trunk and detect no sourcecode errors. Maybe jluiza has to repeat the update from trunk few times to ensure all codes are updated.
Why dont u give some outline of what errors u got?

Adding to what Trifon is saying, i think our trunk is very stable. I hardly detect any error for a very long time and i often update just to observe. This is also due to very close monitoring from many developers around the trunk.

IF there are bugs, they are probably business logical ones and not source reference or syntax ones that affects compilation.

By: Red1 D. Oon (red1Project Admin) - 2008-01-21 04:42
Ngigi maybe right. Cos i checked mine and i m using jdk1.5 or Java5. But i thought java 6 is ok? anyone else has java 6 working with adempiere compilation?

1.84 Random messages on console while debugging

Developers
By: SCalderon (scalderon) - 2008-01-19 11:23

I am working with revision 4234 on eclipse.

While debugging with trace level "fine" I get continuously messages on the console, which interrupt when I am single-stepping.

I ignore the meaning of these messages, why they do annoy me so much and how they can be suppressed.

If someone can help me I would be very grateful.

Thanks and have a nice weekend

Susanne

PS/ an example of the messages I get:

AMenu.updateInfo: Total VM Memory 23,884 kB - Free 11,731 kB, Processors=2, Requests=0, Notes=58957, Activities=0,ws-ss-zb-01{ws-ss-zb-01-orcl-adempiere}# Connections: 5 , # Busy Connections: 2 , # Idle Connections: 3 , # Orphaned Connections: 0 [26]
13:13:34.424 MSystem.info: 26060@ws-ss-zb-01 (1.5.0_06-b05) Up=34:17.409 [26]
13:13:34.424 MSystem.info: VM: Init=8,352k, Used=30,981k, Free=1,274k 3%, Committed=32,256k 32%, Max=98,304k [26]
13:13:34.424 MSystem.info: Heap: Init=0, Used=11,868k, Free=12,015k 50%, Committed=23,884k 36%, Max=65,088k [26]
13:13:34.424 MSystem.info: Threads=14, Peak=19, Demons=10, Total=297 [26]
13:14:34.504 AMenu.updateInfo: Total VM Memory 23,884 kB - Free 12,001 kB, Processors=2, Requests=0, Notes=58957, Activities=0,ws-ss-zb-01{ws-ss-zb-01-orcl-adempiere}# Connections: 5 , # Busy Connections: 0 , # Idle Connections: 5 , # Orphaned Connections: 0 [26]
13:14:34.505 MSystem.info: 26060@ws-ss-zb-01 (1.5.0_06-b05) Up=35:17.490 [26]
13:14:34.506 MSystem.info: VM: Init=8,352k, Used=30,995k, Free=1,260k 3%, Committed=32,256k 32%, Max=98,304k [26]
13:14:34.506 MSystem.info: Heap: Init=0, Used=11,991k, Free=11,892k 49%, Committed=23,884k 36%, Max=65,088k [26]
13:14:34.506 MSystem.info: Threads=14, Peak=19, Demons=10, Total=297 [26]

By: Red1 D. Oon (red1Project Admin) - 2008-01-19 15:35
I tot that 'fine' means that above which u see. If its set to 'info' i dont think you would see that much. Have u tried that?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-20 08:05
Suzanne, I'm not sure but I think this must be related with the new thread that periodically update the counters on the main window. I'm not sure if such thread can have a different log level.

1.85 AccountingIT.csv

Developers
By: giafar (giafar) - 2008-01-19 05:32
Is it possible that since version 3.3.0 AccountingCSV.it isn't working ?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-19 05:42
What error do you get?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-19 07:48
Hi all, recently I added a new default account COMMITMENTOFFSETSALES_ACCT

I just fixed the AccountingUS.csv - but the rest of the files need that every "localization maintainer" (do we have that?) fix the corresponding file with a proper account and name for his country.

BTW, I think most of the AccountingXX.csv are broken since lot of time ago (i.e. AccountingES.csv) - I think it would be better to put those broken files in a separate area until a maintainer appears.

By: giafar (giafar) - 2008-01-19 08:56
I have downloaded the account editor and updated the AccountIT.csv schema. Now it works fine.

By: Red1 D. Oon (red1Project Admin) - 2008-01-19 15:55
To get a movie idea of the Accunts Editor, u can catch it in my latest movie series (my latest hobby now that i have found snagIt, and 7z) here: http://downloads.sourceforge.net/adempiere/C_DefaultAcct_Change_ReImport.7z?use_mirror=optusnet

It runs only on windows media player it seems.. sorry for that.

1.86 Manage migration with 2pack

Developers
By: Fernando Lucktemberg (fer_luck) - 2008-01-18 08:50

Well, I once talked to Carlos about developing some functionality to handle the migration scripts that have/haven't been applied in the adempiere installs that we deal with. It's not an easy task, because I wanted this functionality to be self-contained, meaning that somehow a pl/sql or pl/pgsql would load the script file and then check to see if the script is eligible for installation.
I abandoned the Idea and now was starting to work again with it. But then I was wondering, why dont we all use 2pack to handle the new db stuff instead of the migration scripts. We're using it here in my company for 2 months already. Then all of the sudden no more need to write db scripts for oracle and for postgresql. Unless it's a function, but hey, it's much easier to keep track of small migration scripts while 2pack doesn't inherit function in packaging, and also, we could add a description of the changed columns/fields or whatever on the description for the package. I think 2pack is stable enough to handle this task.
Quoting Karsten, when talking to him about the subject.
"karsten-thiemann: it's easy to understand what is changed by a migration script - 2pack is much more 'magic'"
The main problem with migration scripts, in my pov, are: having to rewrite them for pg/oracle and to know wich scripts have/haven't been applied..
Let's think about a situation here that will surely happen for all of us that do consultancy business or work directly with adempiere as employees:
Your acquires a customer or start to work in a new enterprise that has adempiere, and it was installed by some consultancy company. How in heaven are we able to find out wich migration scripts have/haven't been applied?
I know that it's harder do find out what was changed with 2pack than with migration sripts, but hey, I guess the benefits of using 2pack are greater than use migration scripts.

By: Red1 D. Oon (red1Project Admin) - 2008-01-18 08:59
I noticed that Xiaomj also put a label in his Setup Wizard GUI for 'migration' option, and wonder really off the wall here if 2Pack can be part of the Setup Wizard.. just wondering aloud.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-18 11:05
First a little comment: IMHO having a production customer sync with trunk is a real risk, I don't recommend such approach - production sites must be in stable releases. If you follow this policy then management of migration scripts for production sites is not really an issue.

==
2pack packages to replace migration scripts
----
yep, that's an idea that has been around us in circles (I remember Victor also talked me about this).
Some reference threads:
http://sourceforge.net/forum/forum.php?thread_id=1772205&forum_id=610548
http://sourceforge.net/forum/forum.php?thread_id=1844739&forum_id=610548

I still see too much problems, there are still stopper issues open in 2pack, i.e.:

- Trx management
Postgresql and Oracle are different in management of trx DDL - we have same problem with migration scripts
2pack is committing changes when a DDL statement is issued in oracle so you can have packages applied partially

- management of the official dictionary ID's
I keep thinking the centralized ID for official dictionary is a good thing to ease support
2pack doesn't respect the ID's in a package - it assigns new ID's when you're importing
Also, suppose you need to generate the 2pack for the GardenWorld entries on Calendar, year, period and period control. We need migration scripts for all tables, not just AD
I've heard several opinions about getting rid of centralized ID's - but nobody still has made a complete analysis of the situation benefit/cost/risks/collaterals.

- 2pack doesn't support all the necessary dictionary entries
There are operations hard to represent in 2pack - i.e. moving a menu, also, every new element on AD need changes on 2pack sources

- Currently you can't generate packages for small changes
I mean, if you change a field, the generated package includes the complete window+tabs+all-fields+tables+references+etc

- manage "versioning" of tables - for example if we add a new column to AD_Field I think 2pack could fail managing scripts with and without the new column

- we would add a new step: create a package with packout to reflect the changes every time you touch dictionary

==
Other possible approach discussed for migration

Single XML file representing official dictionary database
http://sourceforge.net/forum/forum.php?thread_id=1844739&forum_id=610548

This would have a great advantage - the changes on DB will be very clear to follow with SVN.
But the POC I did to generate the XML had very bad performance, and we would still need to construct the tool to sync the database with a modified XML.

================================
The problem presented by Fernando

Independent of the approach followed, I think with some policies and order we can achieve what Fernando needs to control.

- We could create a table AD_MigrationScript.

- We can complement the table with an adempiere process that finds newer migration scripts in a configured directory.

- When the process find a newer migration script it can:
a) register the migration script in table AD_MigrationScript
b) execute the migration script logging the output
c) if everything went right - commit and mark the migration script as applied
d) if something was wrong - rollback and mark the migration script as error (Oracle DDL commit problem)
e) attach the log of the output to the record

Just a new idea - not thought enough.

==
Some words about current migration script approach

Well, finally I must say I never liked completely the migration script approach, but that was the most straightforward and easier way we found when we started Adempiere - and now I think it has worked very well.

And now with the centralized ID management and the automatic generation of migration scripts I found the hardest pain of this approach, almost has gone.
In fact I consider that is REALLY EASY NOW to maintain the database.

There are some issues still with this approach:
- Bug [1840010] Some statements are not passing through convert
- The generation of foreign keys must be done manually
- When running against oracle I have found some strange convert to postgres on ALTER TABLES (still not opened bug)
- The script is generated even if the statement fails

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-18 13:07
Fer the unique way to use 2Pack to migration is this generate xml script migration to any database.

I review way we can to do this is use http://db.apache.org/ddlutils/

Data
http://adempiere.svn.sourceforge.net/viewvc/adempiere/trunk/db/ddlutils/data/AD_ALERT.xml?view=markup

DDL
http://adempiere.svn.sourceforge.net/viewvc/adempiere/trunk/db/ddlutils/model/AD_ALERT.xml?view=markup

So if 2Pack can read and Current Script Migration generate this XML we have a 2Pack Migration to any database.

1.87 Handling Imprest in Adempiere

Developers
By: Ngigi Waithaka (ngigiwaithaka) - 2008-01-16 09:48

I would like to know how best to handle Imprests in Adempiere.
Impressts allow someone to account for funds given after spending. As an example.
An employee who is travelling out of town requests and is approved to be given $1,000 as imprest. He signs for it. At that moment he owes the organization $1,000.
When he reports back later, he accounts for the $1,000 with receipts of the costs that he has incurred. He refunds any remaining funds thereafter and signs for it.
How best would you handle this?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-16 18:42
As we have managed this is opening a Cash Book, and a Cash Journal for the traveler. When he returns it's needed to record all the invoices and pay them via another Cash Journal, including any reimbursement.

By: Ngigi Waithaka (ngigiwaithaka) - 2008-01-18 07:11
Thanks I will go through the entire process and then let you know whether it will suffice.

By: Colin Rooney (croo) - 2008-01-18 09:54
In the Partner Relations->Service menu are windows related to entering Employee Expense reports.
Here your employees may specify expenses incurred and you can choose to, in turn, flag these as expense that should be invoiced to the customer.

Running the "AP Expense process" in this menu will generate AP Invoices in your Employees name which you can then pay as with any other vendor. And as with any other vendor you can choose to create a payment without specfiying the invoice but then later allocate the payment to the invoice in question.

So you could create a Payment to your employee to provide the initial monies... then later when they enter their expense & process these reports allocate the this pre-Payment to the AP Invoice generated.

The problems might be; at the moment the Payment can't handle Cash but there is some discussion ongoing about to address this. What to do with any balance? I guess if you create a AR Receipt type Payment for any balance being returned by eth employee, then use the "Payment Allocation" form in the "Open Items" menu and with the Employee as the BP, allocate the initial AP Payment, the Expense generated AP Invoice & the AR Receipt Payment all one one go and the balance should then be Zero. Should work but you'd need to test to be sure!

And of course it all depends on the Payments being enhanced to handle cash... but it looks like we will be taking that route.

By: Ngigi Waithaka (ngigiwaithaka) - 2008-01-18 12:12
Thanks a lot, I will definately try this one out, but for the interest of simplicity, I would think that a Window dedicated to Imprest should be the way to since this happens to be quite key in most implementations.

The reason is, at any one time you need to know how much money has not been accounted for and by Whom.
As a Suggestion

(i)New Imprest Window:
-Specify Business Partner
-Dates
-Amount (Could be in different currencies. e.g If I am travelling I could get some money in $ others in KES)
-Description
-Max Date by When to Account the funds
-Choose Imprest A/C from the various Cashbooks or the various A/Cs
-Process (Workflow -> Approvals etc)

(ii)Business Partner
-Max Imprest
-Overdue Imprest
-Default Imprest A/C to use
(iii)Imprest Report
-All outstanding Imprest and transactions
-Individual BP Imprest Total and transactions
(iv)New Imprest Accounting Window
-Previous Imprest DropDown
-Dates
-Amount to account for (Attach invoices, receipts etc)
-Description
-Process (Workflow ->Approvals)

This would be Imprest Nirvana.
Wondering what guys have been using to *attack* the problem above
If anyone knows how Adempiere handles accounting, I could actually do this, but I need a mentor :-)

1.88 Could not save changes

Developers
By: m__j (m__j) - 2008-01-18 07:09

i'm getting a strange error and i've got no idea how to handle this:

"Could not save changes - data was changed after query.

System will re-query record. PaidBy= 11156(java.lang.String) != DB: 11156(java.lang.Integer) -> New: 10651(java.lang.Integer)"

PaidBy holds a C_BPartner_ID. This happened when i tried to change the value of PaidBy. Any suggestions?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-18 08:47
It looks like type is wrong.
Please try to change it and test again.

1.89 Java Functions in Oracle

Developers
By: SCalderon (scalderon) - 2008-01-16 11:03

I wonder how I can create new Oracle functions who refer to a java method.

For example, there is an Oracle function named "InvoiceOpen", which refers to the method "org.compiere.sqlj.Invoice.open(int,int) return java.math.BigDecimal".
The method "Invoice.open()" exists in Adempiere.
Within a SELECT, this method can be called and it returns the expected result.

My question is: how is this accomplished?

I want to create my own Oracle functions which refer to Adempiere Methods.

I extended the class invoice with a function openDate and created a new Oracle function OpenInvoiceDate in the database, like the Oracle function openInvoice.

I built a new version and installed it.

But I can't use my new function, because I don't know how to link the database function to my code.

By: Paul Bowden (phib) - 2008-01-16 15:42
You need to create a oracle pl/sql function that references the sqlj function you have created. See the Adempiere/utils/oracle/createSQLJ.sql for examples.

By: SCalderon (scalderon) - 2008-01-17 05:30
thanks for your hint. I had created this pl/sql function, but I get the error:
"no method "opendate" in class org/compiere/sqlj/invoice. But in this class I created the new method.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-17 06:53
You need to rebuild the sqlj.jar (RUN_build does it), put the new sqlj.jar in $ADEMPIERE_HOME/lib directory, and issue a loadjava against the DB (see i.e. sqlj/oracle/create.sh)

By: SCalderon (scalderon) - 2008-01-17 16:50
I tried two different ways:

1. sqlj.jar
a.- I created the new method sqlj.Invoice.openDate() in Eclipse

b.- I created a new function in Oracle invoiceOpenDate with the path
org.compiere.sqlj.Invoice.openDate(int,int,String) return java.math.BigDecimal

c- I made a new build of the whole program and installed it.
In Invoice.class I can find my new method.
In $ADEMPIERE_HOME/lib/sqlj.jar this very class is included.

d.- Then I executed
loadjava -user adempiere/adempiere@orcl -verbose -force -resolve $ADEMPIERE_HOME/lib/sqlj.jar
(see in the PS the results, I don't know if the result "Classes generated: 0" is the desired.)

e.- Happy that I got no error message I executed my new function in SQLDeveloper. But I got the error message:
select invoiceOpenDate(i.c_invoice_ID, 1, '01-nov-2007')
from c_invoice i
SQL Error: ORA-29531: no method openDate in class org/compiere/sqlj/Invoice
29531. 00000 - "no method %s in class %s"

2. RUN_BUILD
a.- So I installed ANT, executed adempiere_trunk/sqlj/RUN_build.sh, but I got the exception:
java.lang.NoClassDefFoundError: org/apache/tools/ant/Main

Now you see me rather desperate and with no more ideas of what to do.

Mario is already happy to include this thread in his documentation, but that doesn't help me now.

Do you have an idea of what I am doing wrong?

Regards and thanks a lot for your help

Susanne Calderon

PS/
Result of the execution of
loadjava -user adempiere/adempiere@orcl -verbose -force -resolve $ADEMPIERE_HOME/lib/sqlj.jar:

```
arguments: '-user' 'adempiere/adempiere@orcl' '-verbose' '-force' '-resolve' '/data2/app/Adempiere/lib/sqlj.jar'
creating : resource META-INF/MANIFEST.MF
loading : resource META-INF/MANIFEST.MF
creating : resource deployment/sqlj.ddr
loading : resource deployment/sqlj.ddr
creating : class org/compiere/sqlj/Account
loading : class org/compiere/sqlj/Account
creating : class org/compiere/sqlj/Adempiere
loading : class org/compiere/sqlj/Adempiere
creating : class org/compiere/sqlj/BPartner
loading : class org/compiere/sqlj/BPartner
creating : class org/compiere/sqlj/Compiere
loading : class org/compiere/sqlj/Compiere
creating : class org/compiere/sqlj/Currency
loading : class org/compiere/sqlj/Currency
creating : class org/compiere/sqlj/Invoice
loading : class org/compiere/sqlj/Invoice
creating : class org/compiere/sqlj/Payment
loading : class org/compiere/sqlj/Payment
creating : class org/compiere/sqlj/PaymentTerm
loading : class org/compiere/sqlj/PaymentTerm
creating : class org/compiere/sqlj/Product
loading : class org/compiere/sqlj/Product
skipping : resource META-INF/MANIFEST.MF
skipping : resource deployment/sqlj.ddr
resolving: class org/compiere/sqlj/Account
skipping : class org/compiere/sqlj/Adempiere
resolving: class org/compiere/sqlj/BPartner
resolving: class org/compiere/sqlj/Compiere
resolving: class org/compiere/sqlj/Currency
resolving: class org/compiere/sqlj/Invoice
```

resolving: class org/compiere/sqlj/Payment
skipping : class org/compiere/sqlj/PaymentTerm
resolving: class org/compiere/sqlj/Product
Classes Loaded: 9
Resources Loaded: 2
Sources Loaded: 0
Published Interfaces: 0
Classes generated: 0
Classes skipped: 0
Synonyms Created: 0
Errors: 0

By: Paul Bowden (phib) - 2008-01-17 20:24
Perhaps you could try dropping the previously installed classes first.
Something like:

dropjava -user adempiere/adempiere@orcl $ADEMPIERE_HOME/lib/sqlj.jar

Don't know if it will help any though.

1.90 FR: Allow jasper reports in customization.jar

Developers
By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-16 19:15
Currently jasper report can be defined as:

http://
https://
attachment:
file:/
or a direct file_directory path

An easier way to deploy jasper reports could be putting the .jasper in the customization.jar

For that we could add a new prefix like:
resource:org/adempiere/jasper/MyReport.jasper

Any suggestion? I can implement this but first want to know your opinions about.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-16 19:27
It would be nice to have.

My opinion is that http://, https:// and file:// are the easiest ways, but i suppose that there are cases when resource:// is better.
More options are better customization.jar requires signing when report file is changed.

1.91 Scoping Exercise

Bazaar Projects
By: Aziah (nor07) - 2008-01-19 07:38

I'm working on a project where the client has a number of branches in diferent locations. I was supposed to write a proposal for an ERP system to be implemented for the client. This is my first experience writing such a proposal. However, thanks to the costing sheet given to me by Red1. It serve as a helpful guideline to help me conducting my first meeting with the client. You can download the costing sheet at http://adempiere.red1.org/forms/CostingSheet.zip.

The costing sheet helps me focus on the important issues in scoping exercise. And when I start writing the proposal, it serve as a main reference as to what the client wants. I also had another proposal paper suggested by Red1 as an example for the proposal content.

Other tools used to complete my proposal are google.com and ask.com to search for more information, and, other proposals and working papers for more examples. I also use a free software called Freemind to mind mapped my ideas as I progress with the proposal.

The costing sheet is a good starting point for a scoping exercise, nevertheless there is always a room for improvement. Hope to hear some comment and suggestion for improvement. Thanks in advanced.

By: Red1 D. Oon (red1Project Admin) - 2008-01-19 15:56
The files i usually uploaded to SF and that template is already there...
http://downloads.sourceforge.net/adempiere/ProposalCostingTemplate.zip?use_mirror=optusnet

By: Aziah (nor07) - 2008-01-20 18:52
What do you think of the costing sheet. Any ideas to expand it further? Really appreciate it if you could give me some feedbacks and ideas.

1.92 Adempiere Docs

Bazaar Projects
By: ama (ama71) - 2007-09-26 06:47

I want to integrate Adempiere (or some of its functions) into another business tool and vice versa, and would like to know, if it can import and export XML format? Further, plz tell me, where I can find detailed docs including data model od adempiere and user manual.

By: Red1 D. Oon (red1Project Admin) - 2007-09-29 01:34
Yes it can export XML as these are open stds. For import AFAIK its only CSV or tab delimited format. But it shuld be difficult to convert XML back to those.
Manuals u have to click on the links from http://www.adempiere.org concerning Manuals. Do be patient as there are lots of it around and u may not find what u want easily.

Data model u have to look into the source folders for the ADM file and open it with a 3rd party tool such as ER Studio.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-09-29 10:06
Please remember that 2pack is very capable to export / import XML DATA.

I think it deserves some testing - I think 2pack can be easily a complete tool even for making data XML backups (like those jira backups) on Adempiere.

By: ama (ama71) - 2008-01-14 09:38
Has some one tried out 2pack to export and/or import business documents like order, invoice, ..?
There are 2 directories in the 2pack. CopyAct and Fack006. Are both downloaded in the Adempiere/packages directory?

Many thanks to u all. All the given information was helpful for me. Unfortunately, I could not find, where adempiere saves the data e.g; Invoice, Clirnt information, Oder, ...

By: Colin Rooney (croo) - 2007-10-11 04:30
You mean in which DB tables?
If so; in Adempiere go to the window of the entity you wish to find (e.g. Client or Invoice). In the bottom right corner is a blue [1/n] referring to which record of the "grid" you are on; "n" being the total number of records. Anyway, click on this and the "Change Log" will be displayed. Now even if the change log has not been enable for this table the minimum data of when & who created/last updated this record is displayed as well as ... *and this the important bit for you Ama* ... the DB table name!

Using this you should be able to find the table name where most entities [but not all :(] are stored.

By: Red1 D. Oon (red1Project Admin) - 2007-09-29 01:35
If u want to see how to export to XML, just call up a Sales Order, click on PrintPreview, then click on the export button on the top bar menu. It shall allow u to choose the format you want. You will see that XML is one of them (besides PDF, HTML, CSV, etc)

1.93 2Pack Installation

Bazaar Open Discussion
By: ama (ama71) - 2008-01-21 03:29

I have downloaded 2pack from OSLabs and trying to install it in Adempiere.

I have replaced compiere with adempiere in the build.xml and also changed the run_build.batch file in C:\Adempiere\packages\2Pack

The Run_Build.batch is as follows

Start of Run_Build.batch

1 @Title Build Tools
2 @Rem $Header: /cvsroot/compiere/tools/RUN_build.bat,v 1.14 2004/02/13 06:38:53 jjanke Exp $

3 @CALL ..\..\utils\myEnvironment.bat
4 @Rem @IF NOT %COMPIERE_ENV%==Y GOTO NOBUILD

5 SET CLASSPATH=%CLASSPATH%;%cd%\lib\ant-swing.jar

6 @echo Cleanup ...

7 @"%JAVA_HOME%\bin\java" -Dant.home="." %ANT_PROPERTIES% org.apache.tools.ant.launch.Launcher clean

8 @echo Building ...

9 @"%JAVA_HOME%\bin\java" -Dant.home="." %ANT_PROPERTIES% org.apache.tools.ant.launch.Launcher dict

10 @Echo Done ...
11 @sleep 60

12 :NOBUILD
13 @Echo Check myDevEnv.bat (copy from myDevEnvTemplate.bat)
14 @Pause

End of Run_Build.batch

When I execute the Run_build.batch, it runs untill line 6 and then it gives an error that the given path is not found.

%JAVA_HOME% = C:\Java\jdk1.6.0_03 and %ANT_HOME%=C:\apache-ant-1.7.0

%PATH%=C:\Programme\ActivePerl\Perl\bin\;%SystemRoot%\system32;%SystemRoot%;%SystemRoot%\System32\Wbem;
C:\Programme\ATI Technologies\ATI Control Panel;C:\Programme\Gemeinsame Dateien\Teleca
Shared;C:\Programme\Gemeinsame
Dateien\GTK\2.0\bin;%JAVA_HOME%\bin;C:\Java\jre1.6.0_03\bin;C:\Java\jre1.6.0_03\bin\client;C:\PostgreSQL\8.2\;
C:\PostgreSQL\8.2\bin;C:\apache-ant-1.7.0\bin

Can some one tell me what is missing in the path, please?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-21 03:56
Adempiere has it's own version of 2Pack which is integrated in the system.
you must login as System Admin and you can find package folder with all 2Pack related windows.

1.94 Cash v Payment Deficiencies

Bazaar Open Discussion
By: Michael Judd (mjudd) - 2008-01-17 05:12

I've been having a think about the way cash works at the moment and it seems it has a few deficiencies. For example, if you take cash against an invoice (i.e. POS order) then a cash journal is created but not closed. Therefore, the invoice open balance is not updated (until the cash journal is closed - typically at the end of the day) and if you add the open balance to the invoice, it will not recognise the cash. The open balance does work for payments. A possible reason for this design is that cash is not 'accepted' as correct until it is closed and the day closed off - but this prevents receipts being issued to customers at point of sale when they have paid in cash - and we like it when they pay in cash ;)

When cash is received against an order, it is recorded in the cashline as an entry against general expense which is different from the treatment of payments which are recorded as prepayments (in my view the correct accounting treatment).

When doing an end of day report, you need to include the payments and the cash lines, and when looking for a customer receipt - you need to check both payments and cashlines.

Orders link to one cashline with no reverse association. i.e. You can receive only one cash receipt against an order. You can receive any number of payments against an order which is useful if you off layby (the product is held for the customer whilst they make a number of partial payments and when they pay the final payment you deliver it to the customer)

We have made a number of changes to 'fix' these issues but I wondered if:
- other people have these issues
- and whether it might be a good idea to merge cash as a form of payment and then 'backend' the cash implications to preserve the cash book.

What do people think?

By: Colin Rooney (croo) - 2008-01-17 06:03
I've been reading a lot of posts these last couple of days trying to catch up again and there have been quiet a few around this subject of cashbooks & payments.
The "cash book", as it is, seems well suited to something like petty cash. But as I said recently in another post (and you, I think, would be more qualified to say if it is correct or not) a cash book as a journal normally includes ALL payments received, i.e. cheques as well as cash?

I was thinking about it this morning and coming to much the same conclusions are yourself.
that is..
1) the payments of cash versus "everything else" being in different places makes it difficult to create a consolidated reports of payments AND have accurate "current" status (as you must wait on the cashbook to be completed).
2) the cashbook as a journal of receipts for say managing "till/register" receipts only has cash but not cheques/checks and/or Credit Card slips.

My initial thoughts on how to improve this were along the lines of

ALL payments (including cash) should create a Payment record.

In terms of the "cash book" I would guess in accounting terms it doesn't matter WHERE (i.e. in the till or the cash office) the cash is it's still an asset. As is, it only becomes an asset when the cash book is completed. Now some cash book transactions do already create Payment records but they are hidden (i.e. think they have a type X) so we could extend on this so as not to "pollute" the Payments windows with lots of cash transactions for the normal office based debtors & creditors depts.

The closing of the cash book would then be more like the process of taking the register/till drawer to the cash office... there the cash is counted and any discrepancies account for by some kind of adjustments.

Is this the kind of thing you already did?
Perhaps you could elaborate?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-17 07:02
Hi Colin, just having a new idea about this.

WARNING: DRAFT IDEA - NOT THOUGHT DEEPLY

I think the root core problems with cash journals is that it summarizes many different events in just one transaction - so for example
- if you want to revert just one line of the cash journal, you need to revert all the lines (something like Victor recently added in branch350).

- if you want to print a receipt from one line of the cash journal - that's hard because the cash journal is still not completed

I suppose most of the problems can be solved if (for payments and receipts) we issue cash journals of one line each.

I mean, every cash payment or receipt must generate one cash journal by itself, not added to the "day-general" cash journal.

This way the single-line-payment-cash-journal can be completed, printed, reversed, etc without affecting other transactions.

Now, we would need some sort of "consolidation" of the cash journals of one day in order to make a closing process at the end of the day. For that we can add a new summarizing table (not necessarily a document) to control such process.

This sounds easier, and can solve most of the problems I've seen with cash journals.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-17 07:57

I'm involved in Cash modification at this moment too, so i would like to write what i have done till now.
I think that it is now the time to solve this functionality in Adempiere and i would like to use the moment moreover i have financial support from Adempiere friend.

So this is what i have done till now:
- meant that task is not finished
+ means that task is finished

-01) Implement requirements described here:
http://sourceforge.net/forum/message.php?msg_id=4160120

+02) 'Payment' window, make 'Bank Account' not required field.

+03) 'Payment' window, add tender type "Cash".

-04) 'Payment' window, add field 'Cash Book'.
'Payment' window ask for 'Cash Book' and 'Date' and generate a cash journal line automatically.
- System try to find 'Cash Journal' with given 'Cash Book' and 'Statement date'
if 'Cash Journal' is not found then create new 'Cash Journal'
else use existing 'Cash Journal'.

+05) Modify org.compiere.model.MPayment.beforeSave() method and check if 'Bank Account' or 'Cash Book' field is set!
If not set show error message to user!

+06) Research why created payment with Tender Type = 'Cash' has IsAllocated = true?
class org.compiere.model.MPayment, method public boolean testAllocation() set IsAllocated = true when transaction type is Cash.

My description is more technically oriented but i hope that you can get the idea.
do you think that this is move in the right direction?
and what else do you think that have to be done?

I will re-read your previous posts, but now have to provide fix to Victor, sorry have to hurry.

By: Armen (armenrz) - 2008-01-17 19:45

>-04) 'Payment' window, add field 'Cash Book'.

With this approach, you keep Cash Journal as a "day" basis which is (I think) best applied only for POS cashier. The concern with this "day" basis Cash Journal has been raised by Mike earlier that the open invoice balance is not corrected until you close the cash journal by the end of the day.

>+06) Research why created payment with Tender Type = 'Cash' has IsAllocated = true?
Please correct me if I'm taking you wrongly. We have to support "open cash payment" that will be allocated at later time

(perhaps by different user role). So we can't assume to set IsAllocated = true when transaction type is Cash.

I prefer that we have to support a "one transaction" cash payment, working like cash voucher (i.e. Cash In or Cash Out).
Cash v Payment Deficiencies
I have done part of these works:
+ Add Balance column to Cash Book (for maintaining Beginning Balance and Ending Balance automatically)
+ Add Over/Under Amount (to support open cash payment)
+ Add auto-numbering Document No (against using Name per day mechanism)
- Create a Cash Allocation (not fully done - it's not so difficult but a lot of things I need to consider)

With this "one-trx" cash journal approach, one will need s sort of "Statement of Account" report to list all cash transactions for the day, shown with Beginning Balance at the top and Ending Balance at the bottom.

Temporarily, I'm just using Statement of Account that pick for the cashbook account. The weakness is you have to make sure it's all posted to the acct engine.

By: Colin Rooney (croo) - 2008-01-18 07:52

> keep Cash Journal as a "day" basis which is (I think) best applied only for POS cashier.
Good point. And I remember the standard POS orders processing was changed to create a Daily CashBook journal which was not always the required functionality.
I guess a simple flag on the “Cash Book” definition would resolve this?
The logic to check if a Journal already existed or must be created new would then be;
Is there a Journal for this CashBook with Status = Draft AND StatementDate = if CashBook.daily() = TRUE then “transaction date” else <= “transaction date”

where CashBook.daily() = true ... is the check of the new cashbook flag. “transaction date” is the date of the source document creating the journal entry.

> I prefer that we have to support a "one transaction" cash payment, working like cash voucher (i.e. Cash In or Cash Out).
Armen, why a Cash Payment as a separate document and not simply a AR Receipt or an AP Payment (as now) but one in which the tender type can include Cash? The GL Postings for this new Payment doc would need to be changed to account for the new Cash TenderType ok but other than that nothing changes. The processing of a Payment with TenderType Cash would make the same postings as currently when a Cashbook journal is completed.
Is this too complicated though for something like a “petty cash” cashbook?

> "one-trx" & "Statement of Account"
What I was suggesting was each transaction, regardless of tendertype, is a Payment.
But the cashbook Journal still exists (as single or multi-day doc as described above) but it is basically this summary or Statement of Account you mention, i.e. each Journal line points to a Payment – each payment points to a journal line.

I also think it is common in bookkeeping for a Cash Book to include ALL payments not just Cash payments, i.e. it includes receipts of cheque, cash, credit card slips or what ever other tender types are applicable. Here (in Ireland) at least paying with Cash includes paying with a cheque!
(although the EU is pushing for the end of using cheques! SEPA is also something we here in Europe should maybe start considering).

As it is now, in a retail type environment, if a cheque is mislaid before it goes from the cash register to the cash office (who will count & lodged it in the bank) then this will not become apparent until someone notices that the cheque didn't turn up on the bank statement .. and who knows when that might be. I can imagine that typically the cash drawer is taken to the cash office who count the cash , cheques & perhaps credit card slips to ensure all is accounted for!?

I don't work in a retail environment so I'm just trying to use some “common sense” here .. but something that strikes me as I write the above is .. the cashbook journal can record a transfer to a bank but not to another cashbook. If there are 10 cash registers bringing in cash drawers to a cash office to be counted a checked before lodgment into the Bank.. how currently are the contents these cashbooks transferred to the consolidated cashbook represented by the Cash Office?

> The weakness is you have to make sure it's all posted to the acct engine.
Yes the Completion of the Journal would mean looping through and completing all the Payments not already completed and that might cause a conflict. One person is entering a Payment another is Completing the Journal!

Of course, (and perhaps this is actually what you were proposing Armen?) the Journal lines could simply be readonly views of the Payments themselves so there is not two items (Journal line & Payment) to keep in sync... they are simply the same thing.

I do think the Journal could also use an “Actual End Balance” and create adjustment postings for any discrepancies between the calculated “End Balance” and actual.
Then as Armen says the completion of the Journal would simply verify all Payments were completed. The only GL posting would be a possible adjustment between Calc & actual balance.

With such a scenario two points that would require closer scrutiny is;
1) Accounting Reset and
2) Existing implementations and any old data (that could be reprocessed by a reset).

Anyway it seems Mike, Armen & Trifon have all done considerable work on this issue... perhaps we should statrr by look at merging all these ideas first then fill any remaining gaps to, once and for all, produce a solution that suits all and addresses both the typical bookkeeping & retail requirements in which cashbooks are being used.

By: Armen (armenrz) - 2008-01-19 06:15
>Good point. And I remember the standard POS orders processing was changed to create a Daily CashBook journal which
>was not always the required functionality. Well, I've just thought the same thing. We also need to add Balance field in CashBook.

In Trifon's work, probably he may add dynamic validation if the CashBook is not a "daily cash book", thus you won't need to generate a cash journal line. The payment also get isReconciled="Y" automatically.

>Armen, why a Cash Payment as a separate document and not simply a AR Receipt or an AP Payment (as now) but one in
>which the tender type can include Cash? The GL Postings for this new Payment doc would need to be changed to >account for the new Cash TenderType ok but other than that nothing changes. The processing of a Payment with >TenderType Cash would make the same postings as currently when a Cashbook journal is completed.

>Is this too complicated though for something like a “petty cash” cashbook?
I agree with you. A Payment is a payment. and it's simplest thing to achieve but let's not forget that Payment lacks of "payment line", this will be quite annoying, for example, in real world, a single cash-out voucher can be allocated to many charges/expenses. I once wrote such "payment line" functionality. What do the others think ?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-19 08:16
Hi all, this is looking like something completely new in adempiere :-)

Three different contributions competing for trunk - in past we struggled to find at least one contribution. IMHO it's an indication of the maturity reached by this project - now most people are working instead of just flaming.

As far as I see the current situation is:
- Armen has already developed fixings for cash journals attending a specific need
- Trifon is making a sponsored development with a different approach for some similar needs and other new
- Victor is fixing the same programas with a different approach for some similar needs and other new

[Something similar is happening with Swing POS - Trifon and Victor working on swing pos covering similar and different needs]

The better would be to join efforts and consolidate just one good and strong solution - but I know that's really hard to achieve - anyways I invite the involved parties to convoke an IRC meeting to at least discuss if it's worthy and ways to do that.

Well, without the consolidation of "one-good" solution - I'm sure the resolution of the becoming conflict will be hard to manage
I'm being pessimistic for the most possible scenario:
- Armen will contribute a patch and nobody will have time to review it :-(
- Trifon will upload his modifications in his contributions/253b/comxe/ branch
* He'll upload his contributions in his own format and will refuse to construct a 2pack package to at least ease the testings
- Victor will be on the lead, he'll upload his changes to branches/adempiere350, and this branch has the most attention and developers
- which one will reach trunk? possibly none, or possibly the more tested adempiere350 (but it will be incomplete so Armen

and Trifon's customer will still need to customize his own installations)

As well as other habitual collateral effects :-)
- Some people will complain about Carlos Ruiz and Heng Sin because of opposing to bad or unstable or unmaintenable code, or code that break another things
- Some people complain about the project becoming another Compiere :-))))
- It will be a new flame with threats of forking because of the policies that avoid bad code to reach trunk

Excuse me the redundancy and uppercase, but it's important to repeat the most important on this message:
I INVITE THE INVOLVED PARTIES TO CONVOKE AN IRC MEETING TO AT LEAST DISCUSS IF IT'S WORTHY TO JOIN EFFORTS AND WAYS TO DO THAT.

For those "sponsoring" development I would advice also to "sponsor" some functional and technical TRUNKABLE design.
[Not for me - I'll avoid to participate in this "sponsored design" to avoid conflict-of-interests, but I'm sure that i.e. Colin's design POV and discussion on forums will be good - and that some times spend more time than development]

By: Armen (armenrz) - 2008-01-19 21:01

I agree that an IRC meeting will be needed. I'll be happy to hear other opinions.

My contribution is more like a fixing, than a new development of its own, I don't see any competition here, we're hoping for the best. so I'll support anyone who can deliver real solution.

So I invite Trifon, Victor, Mike, Colin, Bonev, and any interested party to setup a schedule. Hmm.. I'm afraid I'm the only one in Asia, I have to sleep very lately :-D

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-20 07:18
i also would like to participate in IRC meeting.

My task is to enhance current functionality and to find the best desing which could suite all Adempiereans. That's why i'm write in this forums.
For this functionality we do not need big Db changes so pure SQL scripts will be able to transfer changes.

By: Colin Rooney (croo) - 2008-01-17 08:42
Carlos, I think you are on the right track ok making each cash journal transaction "atomic" but a journal by its very definition (I don't speak French but I think jour is day, right?) is what I have always known as a "day book" - BUT I think, as Trifon is suggesting, the underlying entities here are a "cash book" which is a journal which is a list of transactions and each transaction in the cash book is itself a Payment.

So (and like you, Carlos, I'm just thinking aloud here) each entry in the Cash Journal should create and complete a Payment document. Now the cash Book is simply a summary of what happened .. when it is completed we can allow for an "adjustment" for a situation such as; the cash register is emptied and brought to the "cash office" and there is a difference between the Total supposed to exist in the cash book and the actual sum of cash, cheques & credit card slips... but other than that all GL postings have already occured when the individual Payments were completed so in GL terms our cash assets are all updated as it happens.

But since each Payment is atomic it could be reversed in theory without effecting the other payments .. but what happens to the journal & any adjustment!?

Trifon, I think you are on the correct road ok. I see no obvios problem and it seems to be similiar to what I said above. I do think it could be a two way process ... so creating an Payment creates a cashbook entry but creating a cashbook entry is also creating a Payment. The journal (I am suggesting) is simply a list of Payments records.... with *perhaps* the addition of an adjustment record... But that could be simply a difference on completion of actual versus what should be there (the total of the list of payments).

colin
ps. a customer receipt would simply be a print of the Payment!
Normally when people talk here of receipts I think they actually mean the invoice. But if they required an explicit receipt then a print of the Payment would be just that ... ALSO since the Payment is being craeted and completed imemdiately (it would also be allocated) so the invoice would be flagged as paid which nmight be useful when printing the Invoice in a POS situation!?

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-17 13:38
this is very interested.
I now want set my current case:

I have a retail customer, my customer receipt payments with different credit cards(VISA, MASTER CARD, DINERS, AMERICAN EXPRESS).
each credit card have a bank operator, it can be local or international. my customer have negotiation with each bank operator next way:

1.-All payment with VISA current are payment to bank operator each 30 days
2.-All payment with DINERS to 6 payment terms to bank operator each 60 days
here my customer and bank operator can be any negotiation.

Business issue:

My customer need know what is total money that need receipt to bank operator?
My customer need have a way to re-conciliate automatically payments to each credit cards?
My customer need know what is cash flow that have to each bank operator?

Implementing a solution.
My customer need know what is total money that need receipt to bank operator?
My idea is create a bank to each operator,each bank can have a payment processor , It is perfect to me because I cat set credit card that bank operator can processing. here I have a java class to get the autorotation the bank operator.

How receipt the payment from POS to credit card?
My POS implemented a window where can set different payment rule, that way I create a payment for each payment rule, next is create an allocation with all payments vs the Invoice.

When the payment rule is credit card I get the bank account that process it credit card, with this bank account is create the payment.

So this way I have a bank statement to each bank operator and sum of all payment do not conciliate is my AR with this bank operator, when I conciliate a payment is marked, so do not is show in next statement bank account.
I only need print the report Unreconciled Payments to get this data.

My customer need have a way to re-conciliate automatically payments to each credit cards?

Each bank operator send me an electronic file with voucher number and autorotation code that they are paid, I use Bank Statement Matcher to create this reconciled easy way.

My customer need know what is cash flow that have to each bank operator?

Is here where i need some suggestion or comment the great issue is because exist credit card pay with payment term ie

A Payment with credit card DINERS and payment term to 6 mouth without Interest .

I need know what due this voucher conform negotiation with bank operator. and when I can get the money

here exist 2 alternative.

Fisrt Alternative

Create a invoice to each voucher with the payment term that the bank operator have to pay me , so bank operator is the Business Partner, this way I created a aging to it bank operator and use the standard functionality (aging, statement to Business Partner).

When I create a invoice with payment term Adempiere create a payment schedule, with this payment schedule I can get the cash flow.

This alternative complicate the bank statement and re-conciliated process because I need pay each invoice generate in this case each voucher.

This alternative so not is very natural.

Second Alternative.

Adding new fields (Payment Term to Bank Operator, Is Differed, number payment) in window Payment, create a new tab with payment schedule, so the idea is can have payment differed with payment term and schedule payment to each payment differed of bank operator.

Is necessary create a new report to show a bank statement as an aging where show each voucher.

Some body have other idea to management payment differed to bank operator?

Colin I happy if you can set some comment :-)

By: Colin Rooney (croo) - 2008-01-17 15:58
Well to be honest it looks like you already did all the hard work! :)
I think the second options seems to be the way to go.
You could define Payment Terms as per now and add a selection per Payment processor to indicate which Payment Terms they use. Would a payment schedule really be possible? That would make it much more complex ok. But if it was a straight forward 30, 60 or 90 days type terms I don't see any great issue.

You could then store (but not necessarily display) the credit terms of the payment processor in question on the Payment table as it is completed. Then you could easily create an ageing type report based on unreconciled Payments, the payment date and this new payment processor payment terms field - Cash flow is simply ageing looking forward! Similar to Due fields (as opposed to PastDue) that exist on the T_Aging table now.

I was thinking it may be tricky if the Payment Terms were to change (which they may very well do over long periods so of time) then the Account reset might have issues - but actually when I consider it I don't see any issues at all... since it is simply the Fact account records that would be re-created ... the old credit terms would still (rightly) be on the Payment record. So I can see no problem there!

So yeah I would go this way. The only complex issue I could see is if complex schedule type payment terms could be applied.

Also, if the terms were going to change then a "date from" type indicator as with the pricelists & exchange rates would simplify such changes from a user perspective... they would not need come in early on the day in question to change terms before any sales were made! But the terms are probably pretty fixed so it's probably not worth the hassle.

So in summary; yeah I think you are doing it the right way!

And I would imagine this cash flow report will have been the least complex of what you've had to do!

By: Red1 D. Oon (red1Project Admin) - 2008-01-17 16:22

Hi Colin - yes, i think you may be bias. We are all bias cos we are here all the time. But listening to others (taking the cue from Hillary Clinton's remarkable comeback formula against Barak Obama), i wonder why people keep voicing the same converns, unless of course it is a real concern. And thus i say we must be bias if we do not resonate with those same concerns.

So here goes another bias response from bias me to Peter:

I read with equal concern and notice the also equal concern said by Armen (but in different angle as he is a veteran here). Thus i interjected and then of course as usual Trifon always hijack whatever i do very well (havent lost my jealousy of him) and cast the biggest stone to get Armen well noted.

The condition here i have to support Colin's remark is entirely bazaar, where you find peers coming together to put forth ideas and code change suggestions and this leads to a real political process where it does get submitted to trunk and become the next official (?) release of The Great ADempiere Bazaar. You can see our codes now plastered all over and due credit hardcoded into those patches and commits.

The crucial debate is whose codes goes first or goes trash if rejected. And this is where peer participation such as yours is so vital and i personally am happy that Trifon inducted you well (i assumed so, cos Trifon also hijacked the jedi to padawan concept right out of Star Wars).

Thus there should not be we vs others here. It is all WE and no one else. Anyone who doesnt speak up is the NO ONE ELSE, cos they didn't say anything and let things pass. Now you have spoken up and my advice is that you don't quit doing that - having fruitful conversations to get things going. I am happy that even some old faces return from their yachting trips.

But we also should not be biased to the quiet good ones. They may only comment or contribute once every time the Halley's comet cycle but theirs still count due to its merit and importance to the sourcecodes. The bottom line is an age old (in cyberspeak) mantra hijacked from Linux which is "SHOW ME THE CODES" and not "show me the money". Thus the importance of writing here for longetivity purposes as many do read and they are invited to comment when they see fit. All individuals must be respected.

By: Peter Bonev (bonev) - 2008-01-17 11:14

Yes, this is a very important functionallity.
I have posted a feature request some weeks ago:

http://sourceforge.net/tracker/index.php?func=detail&aid=1844148&group_id=176962&atid=879335

Please note that there is a already a solution which is developed by Armen from Goodwill.co.id
According to many opinions in this feature request thread, it seems, that he is experianced developer whith deep accounting knowllage.
He is asking to be allowed to submit changes to the repository and I think, that these who are responsible should give him this rights.
At least his solution has to be checked.

If we read the whole request thread, we'll notice that Victor Perez from e-evolution needs and is developing something similar, Triffon is developing his solution too.
This is not good at all!

I'like the Adempiere project very much and was observing the Compiere project from the early beggining too.
I'm agraid, that the Adempiere team is starting to make similar mistakes as they did :(

Please try to be more open.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-17 11:27
Armen was added as developer in Adempiere project after positive community vote.

Username Real Name CVS Subversion Shell Release Tech Manager Task Forums Doc. News Screenshots Wiki
armenrz Armen Yes Yes Yes No A Admin&Tech - - - - None

Committing code changes is not so easy in big project as Adempiere. That's why we are trying to gather as more as possible details for given subject and find the best solution for all stake holders.

Moreover having commit right do not means that modification will be in the next release automatically. If modification destroy existing functionality it will most probably be reverted by other committer.

By: Colin Rooney (croo) - 2008-01-17 11:36
Yes I saw your FR it was one of the posts I was thinking off when I mentioned I saw lots of discussion on the topic! :)
Really? I don't see that myself, though perhaps I'm biased :)
There was only one developer in Compiere there are many in Adempiere!
But feel free to take the lead to improve where you think we are failing! ;)

By: Red1 D. Oon (red1Project Admin) - 2008-01-17 17:01
After giving that short Obama's speech, i now like to address specific concern stated by Peter here:

The issue is the trunk can never be open. Now that is shocking news, but there is always this paradox i notice about existentialism. For example everything is possible with god with regard to everything else but not him. It is impossible for god

to be something else or not powerful. So is it with the trunk or source. It is open to peer review and changes but not open to lost its trunkness. The key word meaning of trunk is oneness. As unlike patches. You have many patches but you have only one trunk. Another paradox here is about the Information is Free concept. Information is meaningless if there is an eternity of it. It leads to Attention Poverty (a theory i read from some eminent professor and there u have it, i forgot where is that free information located! So pls google if you wish..ah i did and here it is..
http://features.slashdot.org/article.pl?no_d2=1&sid=01/06/28/1522228).

So in essense we have to manage what goes into trunk as a single release each time. Note the word single and not many. You can only have one version each time. And the each successive time is not independent from each previous release, unless you re talking about a fork or rewrite which is another matter for another bazaar on another day. You would have to ensure that each successive release carries all the goodness and should i say junk of the last version. And who to go through each change and impact to other passive codes that is sleeping and wished not to be upset by your change?

Now ERP is very unlike Linux in its treatment. Another shocking news, but let me say that Linux is not interlinked in subject matter coherence. A device driver need not know what materials it is devising for as long as it is in bits and bytes. All manual documents are reducible to electronic form cos they are just bits and bytes - a very epistemological concept binary maths has brought to the cyber age. A DocType in ERP is in the form of meaningful paper you see in your office. Yep papers are also made of that binary language, but not so. A paper can cos toliet cents and also cos USD1.6 billion, if its a legal document from Google to Youtube. They are treated differently with vast impact across the integrated ERP and its that difference that ERP resides in. Take a while to consider why SAP cost tons and MS Office is peanuts.

The discussion here reflects this. You do not see such dicussions in Linux or Apache forums. Those are more syntax like. Here its is more context like. Bottom line is that the comitters's job of linux is vastly different from the committers of ERP. You will get a taste of it as you draw closer to the management of the source. You can do so right now by voluntering for the Bug Day here http://www.adempiere.com/wiki/index.php/Bug_Day_January_2008 .

And after that everyone is invited to help with making it into a next release such as here
http://www.adempiere.com/wiki/index.php/Steps_To_Release

By: Peter Bonev (bonev) - 2008-01-18 10:00

Well, I will not argue, because, as we all know, there is not one and only truth. We can spend all of our time writing wisdoms in the forums, but this is not very productive.

I would like to ask
1. What is the idea with the release numbers 3.31, 3.31b?
2.1 How to understand the writing in the user's manual of Posterita - chapter ' 1.1 Overview of the system', where stands "Posterita is an ERP system build upon ADempiere and Web technologies" ?
2.2 Posterita is in 3.31b and id the trunk, that there are changes in the data structure because of this.
2.3 The SwingPOS (which should remain!) is still in development.
and so on
2.4 The installation manual of Posterita is following their own way.
All this ... , and the "oneness" trunk?

No, I don't want just to make noise. I need to understand the policy of the project.

By: Colin Rooney (croo) - 2008-01-18 11:12
Yeah, but are all scattered out around the world, we live in different cultures, we work in different business areas and play different roles there. What seems obvious to one person may seem ridiculous to another... so we "argue" (or discuss is probably a better word) here (and we often to a lot of it :)) to get across these different points of view!
If you choose not to argue .. then most likely we won't learn your point of view!

> We can spend all of our time writing wisdoms in the forums, but this is not very productive.
It is for the person reading the wisdom for the first time!

> I need to understand the policy of the project.
It's very simple... and I'm not being sarcastic or saying one thing but meaning something else.
If you want or need something you do it yourself.
If you can't do it alone, you can look for others in the community with similar needs and try to build an alliance/team to tackle it together.
If you simply don't have the skills you can sponsor (pay) someone from the community who does to do it for you.

So if, for example, you don't like the Posterita manual .. then write a better one! And as I say I don't mean that in an attacking way... but this is the principle of the project.

The wiki is a perfect example. Many woudl say it's too disorganises but a few stars will try to organise it better. If you think it's disorganise it then don't complain but organise it is the approach here.

And as red1 says we are always happy to have new contributors joining to help.
My own personal approach is .. if someone suggests something and asks for comment I will give my opinion. and may critic the approach - assuming this is why they asked!? But if someone is contributing new code or a manual or whatever... unless that contribution breaks something already existing I will make no comment other than thank you (which actually I don't say enough!). I might suggest a change if it's small :) but by and large my attitude is if I want it different it's up to me to make it so and then submit it back to the project in the hope that others like my idea too and will integrate it. Integeration of course removes the burden of maintenance for me .. so it's a win win situation.

The "oneness" trunk is more a result of not having the resources to manage multiple development & release respositories. With limited resources we opted for one main trunk which we attempt to keep stable - or stable enough so that people can actually run & test it! Things like the swing POS can be labelled "Beta" in the Application Dictionary so is not typically available for a production environment. The use of Beta tagged functionality must be specifically selected for the client to use it so the meaning is ... use at your own risk.

Every few months we draw a line and freeze the addition of new functionality in an attempt to stabilise the functionality that has been added since the last stable release and when all identified top priority bugs (i.e. those that can corrupt data) are addressed we call it stable. It's simple, straight forward and doesn't require a whole lot of resources to maintain. But we are always open to ideas and perhaps more importantly the resources to implement the ideas for without resources to implement an idea isn't really all that valuable.

And that's my take on things... and as I said if I come across as agressive or pushy then I apologise as this was not the intent.

By: Peter Bonev (bonev) - 2008-01-18 12:52
My intent is also not to sound aggressive, but if so, I apologize too.
I think, I asked concrete questions (but might not be the case) and wanted to have some other kind of information.
Anyhow, thank you for your time.
I like the project and I'm sure everybody is doing his best.

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-18 15:48
I think each people try solve your issue, if it people know the functionality he try solve with this , if this is a Development try solve with code.
But I think best is validate fist the functionality and if this do not solve you go to create new functionality.
In this case i have same issue with current Cash Journal have a functionality very basic.

I need to management multi payment rule (Cash,Cheque,Payment with Credit Card current,Payment with Credit Card differed, Bonus or prepay card, Credit Note) in my Libero POS ;-)

To receipt cash we create a normal payment unallocation unreconciled with a new account bank called "My Cash Bank", add a tender type called "Cash", so we know all payment in cash into the bank "Cash"

It solve next case:

1.-Receipt cash to reserve a Order and print document to receipt
2.-Receipt payment to credit card(Internal credit card) of my customer
3.-Allocate the payment to a Invoice
4.-Receipt Payment with bonus it is a payment in other currency
5.-Cancel any payment in any moment if is necessary return cash or any other reason.

for close the cash journal, I only print a report of payment group by payment rule and I have automatically my close the cash journal.

The Cash Journal we are use to create prepay card reload or bonus, So in cash journal i have the balance the each prepayment card reload

We add the Account Bank in the Terminal POS window to know what is the Bank Cash as current cash book.

Cash journal the finish day is transfer to bank are into the Bank Cash is very easy create a transfer.

By: Heng Sin (hengsinProject Admin) - 2008-01-18 19:44
This (create Bank 'Cash') is the approach I've use in the past (Not compiere, other ERP product) and it is working well for me. I haven't tested this on Compiere/Adempiere but if it work for other ERP product, it might be a good approach for Adempiere too.

1.95 Postgresql 8.2 security patch breaks pljava

Bazaar Open Discussion
By: Paul Bowden (phib) - 2008-01-15 15:10
Just a quick note for those using postgres:

A recent security patch to 8.2 is incompatible with the build of pljava currently available on the wiki.

http://www.adempiere.com/wiki/index.php/Manual_postgres_setup_in_linux

Be careful about upgrading.

See:

http://groups.google.com/group/pgsql.hackers/browse_thread/thread/53e45a8faf67d548

By: Tony Snook (tspc) - 2008-01-18 01:07

The latest P/L Java CVS Head has now been updated to be compatible with the recent Postgresql security patch.
I have some notes of how I upgraded my system on my wiki page.
http://www.adempiere.com/wiki/index.php/User:Tspc#PL.2FJava_Info

1.96 Cash Sales without Business Partner

Bazaar Open Discussion
By: kstan (kstan_79) - 2008-01-15 07:22

I have a very simple question, I have a cash sales, I don't want to create bpartner for each customer (I have some retail shop transaction). So what is the best way to enter the transaction?
Can I create a bpartner 'Cash', and everytime new new customer come in my retail shop I simply use bpartner 'Cash' and proceed to sales order POS?

If it is not recommended, what is the most recommended way to solve this kind of scenario?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-15 08:01

>I have a very simple question, I have a cash sales, I don't want to create bpartner for each customer (I have some >retail shop transaction). So what is the best way to enter the transaction?
>Can I create a bpartner 'Cash', and everytime new new customer come in my retail shop I simply use bpartner 'Cash' and >proceed to sales order POS?

Yes. I think that this is a good approach.

>If it is not recommended, what is the most recommended way to solve this kind of scenario?

I do not see reason why not recommended.

By: Colin Rooney (croo) - 2008-01-15 08:51
Seems like a practical enough solution to me too!
Another option might be to create a Cash BP for each retail staff member .. but there is already the Sales Rep field so that might not be an advantage.

By: Red1 D. Oon (red1Project Admin) - 2008-01-15 17:25
There is already a 'Standard' Business Partner in the system which u can use or else in my case i used that idea likewise to create 'Walk-in Customer' for my first POS project as told in POSred.pdf.

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-15 20:54

Current ADempiere use POS Terminal you can use a Default BP, I now a using a BP to each Terminal (Store) this way I know who many sell in a store

By: kstan (kstan_79) - 2008-01-17 08:08
OK, after I tried POS, seems like it quite complicated. Is it stable enough?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-17 08:17
Siwng POS is in process of improvement. Please check
http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Swing_POS
for status and more information.
Support, ideas and reports are welcome.

Victor is cooking new Swing POS and you can check WEB based POS to compare functionality and user experience.

1.97 SaaS - Any current service providers?

Bazaar Open Discussion
By: avdalen (avdalen) - 2007-12-21 01:45

Are there any service providers offering Adempiere SaaS (Software as a Service)? I have a potential customer who is interested in this option.

Just an idea: How about Adempiere (the organization) offering SaaS? It could help with funding.

By: albert (albertachen) - 2007-12-23 03:19
Are there any service providers offering Adempiere SaaS ? Yes, we do...
(Software as a Service)? Yes, Software is a Service ....

And Service is free too,

But you need buy a IBM X-Server

And free on-line support 24Hrs x 7 Days

By: Michael Judd (mjudd) - 2008-01-17 05:11
Yes - we have offered adempiere on demand for about 18months, 14months in production with customers.

I thought it would be a good idea to suggest to the team to have a central service that we provide together but from the people I've spoken to, there doesn't seem to be the 'will' to do so.

In the interim, we're continuing to offer the on demand service (which includes integrated service offerings like the UK address lookup from the postcode)

1.98 331b Reference Overwrite, for what ?

Discussion Forums: Bazaar Open Discussion
By: RareMunchen (raremunchen) - 2008-01-15 00:32
How can i use the following :

1. Reference Overwrite.
2. Heading Only.
3. Field Only.
4. Mandatory Overwrite.
5. Obscure.

6. Encrypted.

By: Paul Bowden (phib) - 2008-01-15 04:02
The overwrite fields allow you to overwrite the column definitions set in Table and Column on a per window basis. The heading only and field only cause either only the heading or the field to display for that field. I believe "obscure" is hides entered text with *************** (like a password field). Presumably "encrypted" has something to do with encrypting the field.

1.99 *Can Adempiere use Oracle 9 ?*

Help
By: freeboth (freeboth) - 2008-01-13 08:15
Can Adempiere use Oracle 9 ?

If cannot, why?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-13 10:28
Oracle dump is not backward compatible.
But it can be done to work, it depends how strong you wat to make it.

By: Andrea (rnd4) - 2008-01-14 01:31
If you need to import an Oracle 10g Adempiere DB into an old Oracle 9 DB you can:

* import adempiere dump into a 10g server
* export the DB with Oracle 9 exp util
* import this new dump into an Oracle 9 DBMS with Oracle 9 imp util

1.100 *Collapse grid as default?*

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-10 14:35
Hi community, what do you think if we change all field groups to be collapse on the seed?

That's a real simple migration script:
UPDATE AD_FieldGroup SET FieldGroupType = 'C' WHERE FieldGroupType IS NULL

That give better presentation to the default installation.

1.101 *Adempiere 3.31 on Oracle11g*

Bazaar Open Discussion
By: victorceja (victorceja) - 2008-01-08 09:01
Can oracle 11g be used in Adempiere 3.31 ????

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-08 10:16
I think yes, just test it and please give us feedback about.

By: victorceja (victorceja) - 2008-01-11 09:44
It runs perfectly!!

1.102 *331b Client field selectable, why ?*

Bazaar Open Discussion
By: Matjaž Godec (agenda_gm) - 2008-01-12 00:19

On version 331b I see, that Client field in BP and Product and many other windows are selectable ?!

Is this on purpose or is it a BUG ?

I believe this should not be the case for Client.

(Tried clean install/dbImport on Oracle-XE and Postgres and it's the same on both).

If it is a feature, where can one read reasoning and docs why this changed ?

It looks like all those columns lost:
ad_dyn_val=AD_Client Login (116) value.

But still don't see why is this good and done ?

RE: 331b Client field selectable, why ?
By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-14 21:08
Hi community, this looks very weird - please post comments here:

[1869844] CLIENT_ID not ReadOnly any more ?!?
http://sourceforge.net/tracker/index.php?func=detail&aid=1869844&group_id=176962&atid=879332

1.103 *Where is internal use document*

Bazaar Open Discussion
By: kstan (kstan_79) - 2008-01-13 00:15
I found that there is not internal use document in windows 'Internal Use', so how I going to perform internal use in adempiere? Using document type physical inventory?

By: Red1 D. Oon (red1Project Admin) - 2008-01-13 02:01
Should ask this in ERP Functions ~ forum.

Yes, Internal Use window is tied to Physical Inventory table.

1.104 *Developers*

Production in libero
By: parveen (parveen_lukha) - 2008-01-10 01:50

i'm trying to use adempiere's binary release libero by following libero manual given at adempiere wiki:

http://www.adempiere.com/wiki/index.php/Libero_Manual

but unable to sum up the things
what i got from this is :
*we define manufacturing resource where a product is manufactured
*then we define workflow to specify the steps followed to manufacture the product
*then define bill of material formula to specify contents of product to be manufactured.

but there is no production window to use this definition of 'Bill Of material'.
As i know that:
the 'Material Management>production' window can not be used for this purpose. so what we have to do?

1.105 *How To Create A Manual Document?*

Functional-Financials
By: Bahman M. (bmovaqar) - 2008-01-12 05:45
Is there some way to create a manual document? For example, suppose I import a new account into the system for which there is no DocType to do the automatic document creation; now, is it possible to create relevant documents manually?

Is making Fact_Acct writable sound for this purpose?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-14 21:16
I suppose you can use GL Journal for such purpose.

> Is making Fact_Acct writable sound for this purpose?
It doesn't sound as a good idea - with GL Journal you can generate the Fact_Acct's you need.

1.106 *RUN_Server2.bat*

Functional-Posterita
By: mmh (muhammadmh1) - 2007-12-29 06:03

my system is windows XP Professional, Oracle XE,

1. I'm installing Posterita using this file: PosteritaAdempiere315.zip. Followed everything in http://www.posterita.org/mediawiki/index.php/Installing_Posterita_from_Zip .

until step 4. where I hae to run the the Adempiere server. I clicked on RUN_Server2.bat but it ended with

---

at org.jboss.mx.server.AbstractMBeanInvoker.invoke(AbstractMBeanInvoker.
java:249)
at org.jboss.mx.server.MBeanServerImpl.invoke(MBeanServerImpl.java:644)
at org.jboss.mx.util.MBeanProxyExt.invoke(MBeanProxyExt.java:177)
at $Proxy5.deploy(Unknown Source)
at org.jboss.system.server.ServerImpl.doStart(ServerImpl.java:434)
at org.jboss.system.server.ServerImpl.start(ServerImpl.java:315)
at org.jboss.Main.boot(Main.java:195)
at org.jboss.Main$1.run(Main.java:463)
at java.lang.Thread.run(Thread.java:619)
19:51:29,890 INFO [EARDeployer] Init J2EE application: file:/C:/Adempiere/jboss
/server/adempiere/deploy/adempiere.ear/
19:51:51,562 INFO [EjbModule] Deploying adempiere/Status
19:51:51,656 WARN [EjbModule] Could not load the org.jboss.webservice.server.Se
rviceEndpointInterceptor interceptor
19:51:51,687 INFO [EjbModule] Deploying adempiere/Server
19:51:51,703 WARN [EjbModule] Could not load the org.jboss.webservice.server.Se
rviceEndpointInterceptor interceptor
19:51:52,015 INFO [EJBDeployer] Deployed: file:/C:/Adempiere/jboss/server/ademp
iere/deploy/adempiere.ear/adempiereRoot.jar
19:51:52,109 INFO [TomcatDeployer] deploy, ctxPath=/adempiere, warUrl=file:/C:/
Adempiere/jboss/server/adempiere/tmp/deploy/tmp46637adempiereApps-exp.war/
19:51:52,359 INFO [STDOUT]
*** 2007-12-29 19:51:52.359 Adempiere Log (CLogConsole) ***

---

2. Then when I tried to access posterita via http://dd-6b438752f53f:80/posterita/
I get this massage on the browser (mozilla firefox):

HTTP Status 503 - Servlet action is currently unavailable

type Status report

message Servlet action is currently unavailable

description The requested service (Servlet action is currently unavailable) is not currently available.
Apache Tomcat/5.5.9

By: Laetitia (laetitia29) - 2008-01-08 05:04
Please click on the following link for further information :
http://posterita.org/index.php?option=com_content&task=view&id=96&Itemid=189

1.107 *Account element import for new client*

Help
By: Peter Cserna (peter_cserna) - 2007-12-28 08:39
I have got the following trace (I pasted the first section only), when I was about to import the account data for a new client (postgres 8.2, Adempiere 3.3.1b):

```
-------------------------------
-----------> X_I_ElementValue.saveUpdate: #-1 - [SvrProcess_e18bbdf0-bed9-44b5-a1cb-4a9d12ea8dbe] -
I_ElementValue.I_ElementValue_ID=1001751 [12]
===========> DB.executeUpdate: UPDATE I_ElementValue SET
I_IsImported='Y',Updated=TO_TIMESTAMP('2007-12-28 08:03:51','YYYY-MM-DD
HH24:MI:SS'),UpdatedBy=1000000 WHERE I_ElementValue_ID=1001752 [SvrProcess_e18bbdf0-bed9-44b5-a1cb-
4a9d12ea8dbe] [12]
org.postgresql.util.PSQLException: ERROR: current transaction is aborted, commands ignored until end of transaction
block; State=25P02; ErrorCode=0
at org.postgresql.core.v3.QueryExecutorImpl.receiveErrorResponse(QueryExecutorImpl.java:1548)
at org.postgresql.core.v3.QueryExecutorImpl.processResults(QueryExecutorImpl.java:1316)
at org.postgresql.core.v3.QueryExecutorImpl.execute(QueryExecutorImpl.java:191)
at org.postgresql.jdbc2.AbstractJdbc2Statement.execute(AbstractJdbc2Statement.java:452)
at org.postgresql.jdbc2.AbstractJdbc2Statement.executeWithFlags(AbstractJdbc2Statement.java:351)
at org.postgresql.jdbc2.AbstractJdbc2Statement.executeUpdate(AbstractJdbc2Statement.java:305)
at com.mchange.v2.c3p0.impl.NewProxyPreparedStatement.executeUpdate(NewProxyPreparedStatement.java:105)
at org.compiere.util.CPreparedStatement.executeUpdate(CPreparedStatement.java:197)
at org.compiere.util.DB.executeUpdate(DB.java:806)
at org.compiere.util.DB.executeUpdate(DB.java:713)
etc.
-------------------------------
===========> DB.saveError: DBExecuteError - ERROR: current transaction is aborted, commands ignored until end
of transaction block [12]
```

I am new to this ERP system, and I would go on with PostgreSQL.
I would be grateful if you could provide some solution.

By: Peter Cserna (peter_cserna) - 2008-01-12 17:24
The error message would not emerge under oracle!

1.108 *AVA for 331b released*

Contents of Web Site
By: Red1 D. Oon (red1Project Admin) - 2008-01-05 07:09
Pls get it at http://sourceforge.net/project/showfiles.php?group_id=176962&package_id=249213&release_id=547389

RELEASE NOTES:
This is a Virtual Machine called ava_331b of the latest binary release 3.3.1.b dated December 5, 2007.

All you need is VMPlayer to open the vmx file and you have the whole machine working within your machine. Pls follow the instructions on AVA from our wiki http://adempiere.com/wiki

Since this AVA is huge about 1.7gigs, I zipped it up with sevenzip (7z) and then split it into 6 smaller files of 79Mbs each.

So you have to download those together with the Create_ava_331b.exe

To extract the combined 7z file (466Mbs), you can either double click it to see if winrar does it for you or you need to install 7z.exe first. (This is already included and tested. Pls refer to http://sourceforge.net/projects/sevenzip for background info). Reason for using 7z is of its higher compression ratio than winrar or winzip.

I shall make better AVAs in the future. If you like to lend me a hand visit http://www.adempiere.com/wiki/index.php/Howto_Create_AVA.

Can anyone help me locate a compressor for Virtual Machine. I am using Vmware and found a few compressor, optimizer etc but they mostly used for windows based machine. What i need is or compressing debian linux machines which AVA is based on.

By: manpex (manpex) - 2008-01-07 02:23
try this http://www.programurl.com/software-parallels-workstation-for-linux-downloadnow.html

By: Red1 D. Oon (red1Project Admin) - 2008-01-08 17:24
That doesnt help - took me back to square one... now i am trying this >
http://www.vmware.com/support/ws5/doc/ws_disk_shrink.html

1.109 *Menu reorg for new windows*

Developers
By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-10 14:56
Hi community, yesterday I created 2 new windows and struggled a little about where to accomodate them.

I think the best would be to accomodate the new ASP windows in System Admin -> Client Rules.

Do you agree?

Also, I would prefer the Posterita menu to be dropped and the POS windows to be accomodated in the Sales Order menu - besides the old POS, and maybe change the Posterita name by Web POS in menu, what do you think?

I would commit the migration scripts if your votes are positive.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-10 15:37
I'm working on Swing POS (so called old POS).
Hope to improve it in next weeks.

By: Red1 D. Oon (red1Project Admin) - 2008-01-10 16:31
I support Trifons's enhancing Swing POS [+1]
Also support suggestion on naming in menu to be more clear [+1] . The use of brand names can be resolved thru proper and more visible publication. I will help in this direction.

By: mario_cal (mar_cal_westf) - 2008-01-10 18:53
yesterday I noticed the inclusion of the new code for ASP (code, tables). Someone told me the new word for it was "SaaS".
Whats doest it exactly do?

Is there a description of its functionality?

By: Heng Sin (hengsinProject Admin) - 2008-01-10 19:23
SaaS - Software As A Service, new term for ASP (Application Service Provider), i.e hosted Adempiere where your client will subcribe at different level (Basic, Enterprise, etc).

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-10 19:55
I preferred the name ASP because of this:
taken from http://en.wikipedia.org/wiki/SaaS
"The reason for moving away from the term ASP or application service provider is that the ASP generation was merely traditional client-server applications with HTML frontends added as an afterthought."
We're exactly in such position - a client-server application with HTML frontend added as an afterthought.
Anyways, we can change the name whenever we want - maybe better to On-Demand Adempiere to be in the front of the wave :-)

http://adempiere.com/wiki/index.php/ASP

By: Red1 D. Oon (red1Project Admin) - 2008-01-10 19:55
IMHO SaaS is an attempt of the failed ASP era. But why did it failed? Here are what i think the reasons were (and then lets examine if this SaaS is gonna work):
1) Limited web access and speed (today we have quantum leap in speed and more access, so this reason is gone)
2) Cost of web access (today is very much cheaper)
3) Culture of users going to the web for their office work (still the same, ppl are hard to change unless its a new breed of office workers, again today ppl may not be working in the office)(What i mean is that office staff are pretty set about their docs flow and also the mgmt turns off their IMs, IRCs, and web access to outside sites to explore).
4) Culture of management not to trust their data outside their walls what more to 'share' them. (still the same)
5) Accuracy and wealth of features to their exact needs (subjective holy grail - no one has a perfect system, unless you re talking about DHL)

This brings us to what Carlos did as a module controller where u can set certain clients to have certain preset modules with differentiated windows and features.

Now lets think for a moment why business wants to consider ASP (SaaS) in the first place:

1) Cost of setup is high (has gone lower now, so many are trying to setup Adempiere etc)
2) Hassle of setting up yourself (still is, and thus many look at Saas model of paying per usage)

So in conclusion there is a dynamic tension between DIY and Saas. With the way things are going, with more guides and wizards, ASP configs, there will still be a boom for both ends.

Also with someone contributing Saas here (i told u that if u dont, someone else will :->), there wont be anyone able to corner the market and thus in bazaar-speak create a new disruptive chaos to the market of Saas. As we know, big guns such as SAP with Salesforce.com, Google, MS is looking at attacking this space fastest. The best answer is still the bazaar way, disruption and all.

1.110 *adempiere with ubuntu 7.10 on amd64*

Bazaar Open Discussion

By: liakosantonios (liakosantonios) - 2008-01-04 13:09
hi to all, I'm new in Linux, although I've tried many times in the past few years to use this system, i hadn't any success (internet problems-no dsl- Greek civilization). Fortunately, i do have today fast internet and i can't wait to live Linux. I have installed Linux ubuntu 7.10 on an acer aspire amd64. Since now I managed all problems and everything seems to work properly. Most difficulties appear because of the 64-bit processor and the new challenge for me is to install adempiere on my system. I've downloaded Adempiere_331b.tar.gz, i'm using java 7 icedtea and postgresql8.1-pljava-gcj. i haven't manage to make it work yet. Any help to guide me would be appreciated. Thanks to all and have a happy new year...

By: juanka (jccaleta) - 2008-01-07 05:10

Hi, please could you be more specific, the step you can't resolve.

You need a java jdk, i recommend you java-1.5.0-sun-1.5.0.11

By: liakosantonios (liakosantonios) - 2008-01-07 11:41

An unexpected error has been detected by Java Runtime Environment:
#
SIGSEGV (0xb) at pc=0x00002b39a1397e11, pid=16797, tid=1074792784
#
Java VM: IcedTea 64-Bit Server VM (1.7.0-b21 mixed mode linux-amd64)
Problematic frame:
V [libjvm.so+0x5c9e11]

By: moyses (moyses) - 2008-01-07 14:01

You are using a not supported Java version, you need to use java 1.5 for the application server and java 1.6 for the clients.

By: liakosantonios (liakosantonios) - 2008-01-08 01:47

i cant set up java home. i think thats my problem. take a look of this: echo $JAVA_HOME
antonios@poseidon:~/Desktop/Adempiere$ sudo update-alternatives --config java

There are 4 alternatives which provide `java'.

Selection Alternative
----
1 /usr/bin/gij-4.2
2 /usr/lib/jvm/java-1.5.0-sun/jre/bin/java
3 /usr/lib/jvm/ia32-java-1.5.0-sun/jre/bin/java
*+ 4 /usr/lib/jvm/java-6-sun/jre/bin/java

By: liakosantonios (liakosantonios) - 2008-01-08 03:03

i changed to 2 but when running runsetup.sh i take this: Install Adempiere Server

===================================
Setup Dialog
===================================
RUN_setup.sh: 29: /usr/lib/jvm/java-1.5.0-sun/jre/bin/java/bin/java: not found
===================================

and when echo $JAVA_HOME i take this:
/usr/lib/jvm/java-1.5.0-sun/jre/bin/java

By: moyses (moyses) - 2008-01-08 07:00

There is a wiki document specific for Ubuntu an adempiere on the wiki.

Follow it to the letter.

http://www.posterita.org/mediawiki/index.php/PostgreSQL_Installation_on_Ubuntu_%28with_PL/Java%29_for_ADempiere

By: liakosantonios (liakosantonios) - 2008-01-09 01:38

i am using jdk-6u3-linux-amd64.bin instead of jdk-6-linux-i586.bin. is it a problem?
i cant find pljava64bit......
i have postgresql-8.1-pljava-gcj and postgresql-client-8.2. which should i use. for now i am using 8.2

By: jmp (jmpiloq) - 2008-01-09 05:12

try to compile and install pljava directly from pljave-project svn repository (dont know exact link right now...)

By: Paul Bowden (phib) - 2008-01-09 14:47
Had trouble with the 64 bit jdk-1.5 -- it uses a version of zlib that conflicts with the one linked in postgres (was fixed in 32 bit jdk but not ported). Check the postgres logs for errors when you try to load an sqlj function. Had too many problems with 64 bit libraries so reverted to 32 bit which made life a lot simpler.

By: liakosantonios (liakosantonios) - 2008-01-10 10:13
java -cp postgresql.jar:pljava.jar:deploy.jar org.postgresql.pljava.deploy.Deployer -database adempiere -user adempiere -password adempiere -install
Exception in thread "main" java.lang.NoClassDefFoundError: org/postgresql/pljava/deploy/Deployer

1.111 *virtual field*

Bazaar Open Discussion
By: RareMunchen (raremunchen) - 2008-01-07 03:02

My story is that me using adempiere 3.3b at since 2 months ago, my problems occurs when i need to get some data(field_X in table_2) from a different table which i refered to specific tab_1 (table_1), the problem is if i need to do that, i have to add the field_X to table_1, and i don't want doing that, i need someway instead of this way to get display value of field_X by addind the field_X and to display the field_X just on the tab_1 without add it to table_1.

Question : is there some field like (virtual field) ??

Note : of course there's a relation between table_1 and table_2

ex : select a.name,b.name
from table_1 a, table_2 b
where b.table_1_ID = a.table_1_ID

By: albert (albertachen) - 2008-01-07 03:17
Use Reference
SET table is table_Reference
DISPLAY_FIELD table_Reference.field_Display
KEY_FIELD table_Reference.field_Key

ex : select a.name,b.name
from table_1 a, table_2 b
where b.table_1_ID = a.table_1_ID

By: RareMunchen (raremunchen) - 2008-01-07 04:49

but this is not what i mean, in this case i have to add the field_X to table_1 and configure it as a table reference, to clear my idea, imagine yourself working with JBuilder or .Net and want to create a form (frame), your form will includs many textbox,field ...
after that, you will use some views (sql view) to set the values of this texts and fields, i mean that you don't need to create this fields and texts into DB table, it just a fields in form.

By: Red1 D. Oon (red1Project Admin) - 2008-01-07 08:04
i did a search for
http://sourceforge.net/search/?forum_id=610546&type_of_search=forums&group_id=176962&words=virtual+column
Found out about http://www.adempiere.com/wiki/index.php/Table_Prefix#Virtual_Columns
and wonder if they are the same thing.

By: albert (albertachen) - 2008-01-08 09:06
My Great Software Country Friend RareMunchen :
After Skye Adempiere We have Chat the really issue.....

You question is notthing about Virtual Column and AD_Ref_List Table's Key or Display,
You need moodify X_C_Order/X_C_OrderLine/X_C_OrderTax

Then your MOrder/MOrderLine/MOrderTax

Can Read Relative-Link's Name / Value or Discription ...etc...

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-08 10:14
> You need moodify X_C_Order/X_C_OrderLine/X_C_OrderTax
Warning!! X_ classes must not be touched - they are generated.
And indeed it's not recommended to generate X_ classes with customized columns.

> Then your MOrder/MOrderLine/MOrderTax
And also it's not recommended to modify these M core classes.
The recommended way to extend Adempiere is via ModelValidators.
This way will avoid you future headaches when changing version or integrating other modules.

Maybe the Colombian Localization to manage withholdings is a good example:
I managed the whole things affecting Invoices, Payments and Allocations without touchinga single core class.

You can see it here:
http://adempiere.svn.sourceforge.net/viewvc/adempiere/contributions/Localizations/Colombia/extend/src/org/adempiere/model/LCO_Validator.java?view=markup

Now, with the current adempiere status is almost impossible not to touch at least some core classes in a project (things that must be configurable but they aren't - i.e. generating the payment file for banks).
My advice in these cases is keep those classes in a project apart and pack them in customization.jar

By: Heng Sin (hengsinProject Admin) - 2008-01-10 20:57

I think you should create FR for those area that can't be extend without touching core as a step forward making the core product more extensible.

1.112 *Considering migration from Compiere*

Bazaar Open Discussion

By: miguel rojas (mrojasaquino) - 2008-01-09 15:54

we currently are using a compiere253b based solution with several modifications/additions from e-evolution (hi victor), and currently we are in the process of presenting our budget to the directors board in order to migrate to adempiere and to expand our hardware infrastructure to keep up with the current requirements and growth expectations, but we have some concerns:

our current setup is:
- a sun fire v40z, suse enterprise 9, 4 amd opterons, 8 gb ram, 4 73db scsi hds,
this is the application server
- a sun fire v40z, suse enterprise 10, 12 gb ram, 2 amd opterons, 12 gb ram, 4 73gb scsi hds,
this is our database server (oracle 10g r2, an oracle dba helped us to reinstall and tune the db)

we have about 20 local users (in the corporative offices) plus about 40 remote users that access the app server via nomachine's nx server/client, so we are speaking of about 60 concurrent users in a given time

now, the problem is that we constantly get deadlocks on the orders, in-out, invoices and sequences tables, and when our users run some reports, say a inventory value report, or a b. partner account statement, the load in the apps server gets very high to the point that the system is almost unusable (that is for the remote users, as they run the app via nx on the app server)

so, the questions are:

- has anybody else run into the same deadlock problems?
- has the mechanism for getting sequences been improved in adempiere?
- has the report engine been improved?

we don't want to run into the same (or worst problems) now that we are going to buy new equipment and migrate to adempiere, as the justification is that we expect to resolve the problems previuosly mentioned

oh, by the way, in my previuos workplace i have worked with the compiere source code, and we ran into the same deadlock problems when several users run the app, so i guess it has been a long standing issue, but i'm wondering if nobody has run compiere/adempiere with more than 10 concurrent users?

well, thanks in advance for your suggestions and advices
greetings

(p.d., sorry by my terrible english :-S)

By: Heng Sin (hengsinProject Admin) - 2008-01-09 18:43
Comparing to 253b, we have fixed many transaction and concurrency issues. Having say that, many of your current problems might still required further optimization and one options here is you can consider sponsoring that as part of the adempiere core improvement.

By: albert (albertachen) - 2008-01-10 00:39

Use AD_SEQ_YMD_DOCTYPE for Document every year/month/day own self Sequence..

```
PROCEDURE AD_SEQ_YMD_DOCTYPE
(
p_DocType_ID IN NUMBER,
p_Date IN DATE,
p_Org_ID IN NUMBER,
p_ID IN NUMBER,
p_DocumentNo OUT VARCHAR2,
p_AccDocNo OUT VARCHAR2
)
AS
```

Out client over 60 terminal........

By: miguel rojas (mrojasaquino) - 2008-01-10 15:39
at the time we can't sponsor the adempiere development :-(but we'll try to cooperate trying to identify the problems and doing some modifications and sharing them with the community, but we hope to grow and maybe doing some sponsoring in the near future

1.113 *Replication Functionality*

Developers

By: karvesh (karvesh) - 2007-10-03 05:39

I have seen that there has been a sponsored development in adempiere on data replication.

http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Replication

The project has been undertaken by Victor Perez and Trifon Trifonov.

I want to know what is the current status of the project. Is it completed and working properly?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-10-03 13:18
First of all i would like to thank you for your interest in Replication project.
I'm extensively working on the projects and hope in next weeks to finish main functionality.
Status at the moment:
User can define in newly developed 'Export Format' table format of XML message which will be exported. I have defined example formats (Sales Order and Business Partner). At the moment when new record is created system creates xml files on local hard drive. There is import process which reads xml file and imports into the system. This is initial functionality as a Proof of Concept that export and import can be done automatically just based on Export/Import format defined by Administrator of the system. What i'm working on is transport layer. Idea is xml file to be sent to Local JMS Server or other destination (System will be flexible and will allow developer to define Export Processors and develop his own java implementation). When Local JMS Server has connection to Central JMS Server messages will be transfered.

By: karvesh (karvesh) - 2007-10-04 00:35
The information you provided has been really helpful. thank you!
I can see that you are using the import/export loader formats in adempiere and communicating the data in xml files. It is a very good idea indeed.
I am dealing with such a project currently too... however, i have been thinking much more in the direction of the replication strategy framework in adempiere. (half completed)
What do you think of this method of replication? I mean why did you not use it?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-10-04 05:16
I'm not sure that i understand well your question?
Are you asking about existing tables in Adempiere concerning replication?

Tables described here:
http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Replication#Existing_functionality

Any existing functionality will be used.

By: karvesh (karvesh) - 2007-10-05 04:31

my replication project will mostly deal with the replication of orders, bps and products from branches to HQ and vice versa.
To do it, i was planning to use the existing replication framework with the tables listed in
http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Replication#Existing_functionality
I understand that it is half way done but i was planning to complete the current framework... (hopefully)
I was planning to use an EGB layer on server beans.
I want the branches or HQ to read directly into the tables of the remote location and do the replication within so predefined strategy. I am not too keen to use files to make the replication (csv)
In fact i want to know why did you choose loading files in import loaders instead of the replication framework? (i mean what do you think might be the pros or cons?)

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-10-05 14:18

I think that you mean EJB?

Sorry if my description wasn't clear.
I do not plan to load Files into import Loaders or to use files for replication.
Files are generated now only as an example and Proof of Concept that system can export data into XML format and import data from XML format only by reading Export format defined in Application dictionary. I divided Replication project in two parts as wasn't' sure if system can create automatically xml and import them properly into the system.

Dividing of development minimizes the risk in case of failure and in case that initial assumptions appear to be non real or very hard(impossible) to implement.

XML messages will be sent to external Server (JMS Server) which will take care for delivery to other JMS Server.
Adempiere will just need to send message to JMS Server and read message from JMS server. JMS will take care for management of transportation.

By: karvesh (karvesh) - 2007-10-12 00:03

I have been reflecting on the description of the project you have have provided.

For the 2nd phase:
You will be using JMS: messages will be queued in XML format.
There will be Local and Server JMS servers.
I have a question concerning the functionality:
The replication will invlove
Records created on Central server: Product, Price, Term Credit, Business Partner.
Records created on Remote servers: Sales Order, Shipment, Invoice (Customer), Payment, Journal Cash and Business Partner , Inventory

Will it be possible to implement the replication of additional features in the future? I mean how flexible is the implementation. Is it a lot of hard coding or rather configurations?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-10-12 00:44

It will be matter of configuration only.
No coding.
Power of Application dictionary is to decrease developer effort and give more freedom and tasks to users.

By: karvesh (karvesh) - 2007-10-15 02:23
I have another question concerning the replication development:
for what database are you planning to deploy the project: oracle or postgres?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-10-18 01:39
both and any DB which Adempiere supports in future.

By: Frans Thamura (fthamuraAccepting Donations) - 2007-10-16 23:38
anyone have try funambol,
the project is based on syncml, and i can see they move to become 2 new market, push mail and data sync, they have db connector to sync 2 database.
but i never success install it, but scalix.com did integrate the mail with funambol.

By: Mutha (wangaruro) - 2007-10-18 00:29
Funambol is and I believe is an application server that provides push email, Mobile email (Blackberry like), address book and calendar (PIM) data synchronization, and device management, you cannot use it to synchronize to databases.

http://www.funambol.com/
http://en.wikipedia.org/wiki/Funambol

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-12-01 16:33

i would like to inform you that Replication is in test phase now.

By: Tobias Schöneberg (tobi42) - 2008-01-03 07:58
I'm just starting to work on a project that requires replication as described in
http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Replication#Requirements.

Therefore I would like to help in making replication stable.
I also have one (or maybe two) question(s):
Is it correct, that from adempiere's point of view replication is just exporting and importing xml strings via server processes?
So transporting these xml data between different servers is handled outside of adempiere (e.g. by jms or shell scripts), right?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-03 08:54
I will answer as i'm responsible for development of replication.
Yes. Replication is export and import of data. I implemented xml import/export but any other format is possible too.

>So transporting these xml data between different servers is handled outside of adempiere (e.g. by jms >or shell scripts), right?
Yes. Currenlty i have implemented JMS and FTP transport, but any other transport is possible too.

RE: Replication Functionality
By: Ngigi Waithaka (ngigiwaithaka) - 2008-01-13 15:12
Is this to say that currently as long as you use the two modes you have specified Adempiere functionality is good to go?

Are there any caveats that we should know of?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-13 16:16
I'm sorry but question is not clear for me.

>Are there any caveats that we should know of?
Every application/functionality has strong and weak side. Tests will show which are good and bad side of current functionality.

By: Ngigi Waithaka (ngigiwaithaka) - 2008-01-13 16:50
Sorry my question was not clear enough.

What I would like to know is whether Adempiere replication is production quality?
I am looking at setting up Adempiere for central office and then at least 2 remote offices with POS.
The products are defined(Requisition, Purchase) in Central office while the sales are in the remote centers.

Is the current functionality able to replicate this. If not, what in your opinion do you think would not be possible?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-14 01:59
Current phase is test. Functionality is working.

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-14 08:10
I am try test the replication but current a get a error with current trunk when load the data test.
please can you review this issue for I can continue with the test.

trifon: 5) Open a shell console and execute commands:
[3:12pm] trifon: "build-ID-001.[bat|sh] createDB" or "build-ID-001.[bat|sh] createDBpg" for Postgre
[3:12pm] trifon: "build-ID-001.[bat|sh] alterDB" or "build-ID-001.[bat|sh] alterDBpg" for Postgre
[3:12pm] trifon: "build-ID-001.[bat|sh] model"
[3:12pm] trifon: "build-ID-001.[bat|sh] view"
[3:12pm] trifon: "build-ID-001.[bat|sh] model"
[3:12pm] trifon: "build-ID-001.[bat|sh] imp_AD_Window_Access"
[3:12pm] trifon: "build-ID-001.[bat|sh] imp_AD_Client"
[3:12pm] trifon: "build-ID-001.[bat|sh] imp_AD_Process_Access"
[3:12pm] trifon: "build-ID-001.[bat|sh] imp_AD_Message"
[3:12pm] trifon: 9) If you would like to import example records, please execute:
[3:12pm] trifon: "build-ID-001.[bat|sh] imp_EXP_Format"
[3:12pm] trifon: "build-ID-001.[bat|sh] imp_EXP_Processor_Type"
[3:12pm] trifon: "build-ID-001.[bat|sh] imp_EXP_Processor"
[3:12pm] trifon: "build-ID-001.[bat|sh] imp_EXP_Format"
[3:12pm] trifon: "build-ID-001.[bat|sh] imp_EXP_Format"

[3:12pm] trifon: "build-ID-001.[bat|sh] imp_IMP_Processor_Type"
[3:12pm] trifon: "build-ID-001.[bat|sh] imp_IMP_Processor"
[3:12pm] trifon: data is not part of tasks

I tried import the example data, but the it try connect as Oracle and I am use PostgreSQL

$ sh ./build-ID-001.sh imp_AD_Window_Access
Buildfile: build.xml
[echo] compiere.dir = /Users/e-evolution/workspace/ad350/install/build/Adempiere
[echo] project.classpath = ${project.classpath}

imp_AD_Window_Access:
[java] *** 2008-01-17 00:08:13.184 Adempiere Log (CLogConsole) ***
[java] 00:08:13.184 Adempiere.startup: Adempiere(r) Release 3.5.0b_2007-12-05 -Smart Suite ERP,CRM and SCM- (c) 1999-2007 Adempiere (r); Implementation: ${env.ADEMPIERE_VERSION} 20080116-0843 - ${env.ADEMPIERE_VENDOR}
[java] 00:08:16.480 Ini.loadProperties: /Users/e-evolution/workspace/350/install/build/Adempiere/Adempiere.properties #30
[java] [INFO] MLog clients using com.mchange.v2.log.FallbackMLog logging.
[java] [INFO] Initializing c3p0-0.9.1.2 [built 21-May-2007 15:04:56; debug? true; trace: 10]
[java] 00:08:20.031 CLogMgt.setLevel: ALL
[java] mappingFile = ./xml/data/AD_Window_Access.xml
[java] mappingFile = /Users/e-evolution/workspace/_Project-ID-Replication/xml/data/AD_Window_Access.xml
[java] xsdFile = ./xsd/importer.xsd
[java] xsdFile = /Users/e-evolution/workspace/_Project-ID-Replication/xsd/importer.xsd
[java] outputFile = ./result/compiere/data/AD_Window_Access-out.xml
[java] outputFile = /Users/e-evolution/workspace/_Project-ID-Replication/result/compiere/data/AD_Window_Access-out.xml
[java] jdbcDriver = oracle.jdbc.driver.OracleDriver
[java] jdbcURL = jdbc:oracle:thin:@localhost:5432:replication
[java] jdbcUserName = adempiere
[java] jdbcPassword = adempiere

What i need fixed to connect with PostgreSQL?
I only happened with $ sh ./build-ID-001.sh imp_AD_Window_Acces , because I used $ sh ./build-ID-001.sh model and this work perfectly .

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-17 10:22
please update project _Project-ID-Replication.
I committed new version. It upgrades to core plug-in version 320.03.
Please let me know if you find other issues.

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-18 22:49
I imported Replication Functionality successfully, Now I am try to test, so I reviewed the Export Format and the way as build a document export.

So also I saw the way as setup a Export Processor using the class that are into the Export Processor Type
If it is true, this class is a client to JMS that send a message to Replication Server.
The client use the Strategy Replication to know that model will export
Now I have not sure if need create a Import Processor in Replication Server.
Have you a example as in case the Export Processor?
Should I define a Export Processor for each store?

When I have s bidirectional replication I suppose that need Export Processor and Import Processor

Now I have some doubts.

What happened if a record cat not replicated?
What happened if the Server is down?
How is mark into DB that that record was replicate?
What happened if JMS server is down?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-19 01:08
I add4ed your questions to wiki page of Replication project:

http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Replication

>So also I saw the way as setup a Export Processor using the class that are into the Export Processor Type
Yes.

>If it is true, this class is a client to JMS that send a message to Replication Server.
Yes. This class sends JMS message to 'Local JMS Server'.
'Local JMS' Server stores received messages and will transfer them to 'Remote JMS' server when network connection is online. If 'Local JMS' server is down then 'Local Adempiere' instance will not be able to work as sending of JMS messages from 'Local Adempiere' instance to 'Local JMS' server will fail.

>The client use the Strategy Replication to know that model will export
Yes.

>Now I have not sure if need create a Import Processor in Replication Server.
Yes. You must define Import Processor in 'Local Adempiere' instance. This Import Processor import messages from 'Local JMS Server'. We need to define new Import Processor for each Adempiere Organization/Store.

>Have you a example as in case the Export Processor?
Yes. Two examples are provided: JMS Import processor and HDD Import processor.
Can you find them in Import Processor Window?

>Should I define a Export Processor for each store?
Yes. Each Store/Organization needs it's own Export/Import processor as it is different Server.

>When I have s bidirectional replication I suppose that need Export Processor and Import Processor?
Yes.

>Now I have some doubts.
>What happens when record can't be replicated?
>What happened if the Server is down?
>What happened if JMS server is down?
Record can't be replicated when 'Local JMS Server' is not working. In this cases Adempiere will show error message to the user.
Answer of this question is the same as answer of question: 'What happens when my Database server stop working?'

>How is mark into DB that that record was replicate?
It is not necessary to mark record as exported. Marking record as exported can be done but this is redundant step. Once JMS message is sent to 'Local JMS Server' we are guaranteed that record will be transfered to 'Remote JMS Server'. JMS protocol is responsible to handle this. Of course we can create functionality which send confirmation from 'Remote Server' to 'Local Server' when record is saved, but this will require additional development effort.

By: Red1 D. Oon (red1Project Admin) - 2008-01-20 06:19
like to know the followin:

1) Can the replication module handle migration of data from one server instance to another? Such as we have one 'Master Data' system that has been keying in master data such as POs, BPartners, Products while waiting for the accountant to finish the Chart of Accounts. When his COA is finished it cannot be setup in the master data as it will stop the master data and COA testing may corrupt the POs and repeat work is needed. By letting the two systems as separate system allow a 'decentralised' environment where replication can be useful. So that after the COA server is confirmed ok, it can be reset or flushed and all the POs from the other server be transfered over. If there is error, the transfer can be repeated without stopping non-stop PO entry.

2) Can such replication be done repeatedly, which if the record exists already in central server, it is updated, and if not it is inserted.

If so, then our present commercial project needs it, and so our company shall add to the sponsoship list.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-20 07:14
>2) Can replication be done repeatedly, which if the record exists already in central server, it is updated, and if not >it is

inserted.
Yes. It this behavior is tested and working.

>1) Can the replication module handle migration of data from one server instance to another?
Yes. This is the main idea of the replication project Victor defined and sponsored.

> Such as we have one 'Master Data' system that has been keying in master data such as POs, BPartners, Products while >waiting for the accountant to finish the Chart of Accounts. When his COA is finished it cannot be setup in the master >data as it will stop the master data and COA testing may corrupt the POs and repeat work is needed. By letting the two >systems as separate system allow a 'decentralised' environment where replication can be useful. So that after the COA >server is confirmed ok, it can be reset or flushed and all the POs from the other server be transfered over. If there >is error, the transfer can be repeated without stopping non-stop PO entry.

I'm sorry Red1, but this is not clear for me. Could you please describe more?

Replication from Master to Slave and from Slave to Master is possible.

By: Red1 D. Oon (red1Project Admin) - 2008-01-20 06:25
Forgot to ask the 3rd question:
3) By when is the estimated time this replication feature be of production quality? Pls leave instructions on how best to test it or we shall test it as our scenario above. We shall publish our works in SF.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-20 07:31

>3) By when is the estimated time this replication feature be of production quality?
3-4 week.

>Pls leave instructions on how best to test it or we shall test it as our scenario above. We shall publish our works in >SF.
Documentation can be found in SVN Server:
http://adempiere.svn.sourceforge.net/viewvc/adempiere/contributions/253b/comxe/_Project-ID-Replication/ReadMe.txt?view=markup
and wiki as description and screenshots.

Improvements ans suggestions are welcome.

By: Red1 D. Oon (red1Project Admin) - 2008-01-20 07:31
>I'm sorry Red1, but this is not clear for me. Could you please describe more?

Can we have repeated replication fail-safe attempts of the same master data file? For example today there are 300 POs entered, and we replcliated 300 over. Tomorrow we realise that we keyed in 100 more and there were corrected faults in some of the 300. Do we have to start all over again, or just replicate where same records can be toggled to update/overwrite.

i m off to bed... if there are more iterations i shall be back to respond in 8 hrs time. Thanks for your very visible working collaboration, and i hope the sponsorship system shall continue to become a win-win to us all.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-20 07:39
>Can we have repeated replication fail-safe attempts of the same master data file? For example today there are 300 POs >entered, and we replicated 300 over. Tomorrow we realize that we keyed in 100 more and there were corrected faults in >some of the 300. Do we have to start all over again, or just replicate where same records can be toggled to >update/overwrite.

Each time a record is saves, export message is generated and sent to Local JMS Server which has the task to transfer Message to Remote Server. I think that if today you manage to replicate 300 POs and tomorrow you modify/create 10 POs at the moment when internet connection is established 10 POs will be replicated.

It is fire and forget technology. Once message is sent to JMS Server it will be transfered to Remote Server and replicated.

>i m off to bed... if there are more iterations i shall be back to respond in 8 hrs time. Thanks for your very >visible working collaboration, and i hope the sponsorship system shall continue to become a win-win to us all.

Sweet dreams. we need happy customers to support development and constant improvement of Adempiere project. It must be win-win else some could parties will leave the ship.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-20 09:00
> Improvements ans suggestions are welcome.
Well, it's hard to suggest without testing it before.

I just want to ask some questions:
1 - Is the queue constructed with records or transactions?

Maybe an example can help better with my question, suppose the next set of transactions happen in the master:

- Create a Business Partner Group
- Create a Business Partner
- Create an Order
- Create an OrderLine
- Update the Order (complete)
- Create an Invoice (based on the Order)
- Create corresponding Invoice Lines
- Update the Invoice (complete)

How are those events being sent to the queue?

a) like single records?
Insert BPGroup XML
Insert BP XML
Insert Order XML
Insert OrderLines XML (one for each record?)
Update Order XML
Insert Invoice XML
Insert InvoiceLines XML
Update Invoice XML
Update BPartner? -> maybe to update the openbalance because of the invoice completed?

b) like transactions?
transaction inserting BPGroup
transaction inserting BPartner
transaction when completing the order sending the order + lines in one single XML?
transaction when completing the invoice sending the invoice + lines + BP in one single XML?

2 - What happens if a record fails to be replicated on slave?
i.e. in the previous example what will happen if the BPGroup can't be inserted (i.e. because of primary key broken)

This question is important because:
a) if the process continues then the rest of the records can fail (because of foreign key issues)
b) if the process stops then it needs special attention to failures - because one failure stop all the replication process
--> I suppose is better and safer a)

3 - How do you solve the ID's issue on bidirectional replication?
I mean if you can for example import BPGroups on master and slave at the same time, you'll have conflict with ID's.

Sorry for asking too much, I didn't find design details in wiki or requirements.txt.
Obviously you're free to answer or not (I know I could simply download and review your code).
These questions are trying to figure also the answer for the next one:

4 - What's the status and plan of this development?
a) what's the status? alpha? beta? release-candidate?
b) is Victor planning to include it in adempiere350?
c) are there plans to be included in trunk before 3.4 - we're on a freeze with possible votings for new functionalities
d) are there plans to document the steps needed to set up replication?
e) are there plans to document the scope of replication?

By: Heng Sin (hengsinProject Admin) - 2008-01-20 09:21

Just curious is conflict resolution part of the scope ? For e.g, day1, site A export customer X to site B (Insert). day2, site A user modify Name field for customer X while site B user modify the Description field of customer X. day 3, site A export customer X to site B again (Update), what will happen for one way replication ? Also, what will happen if this is a two way replication ? The situation can be more complicated if the modification in day2 by site A and site B user have conflict.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-20 10:30
Everything is part of the scope. Client needs working replication process.

>For e.g, day1, site A export customer X to site B (Insert). day2, site A user modify Name >field for customer X while site B user modify the Description field of customer X. day 3, >site A export customer X to site B again (Update), what will happen for one way >replication ? Also, what will happen if this is a two way replication ? The situation can be >more complicated if the modification in day2 by site A and site B user have conflict.

Conflict resolution process must be created.
Fastest approach is BPartner, BPGroups and other records to be created from local server has connection to remote server.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-20 10:26
Export can be configured as per record export or as per Document export.
Queue is inside JMS Server. JMS messages are stored in Queue.

This is link to xml file which defines current example Export formats.
http://adempiere.svn.sourceforge.net/viewvc/adempiere/contributions/253b/comxe/_Project-ID-Replication/xml/data/EXP_Format.xml?view=markup
At the moment below examples are provided

>- Create a Business Partner Group
>- Create a Business Partner
>- Create an Order
>- Create an OrderLine
>- Update the Order (complete)

Replication allows Export message to be created when Order is completed or on each OrderLine save.

>How are those events being sent to the queue?
All cases are possible it depends how export format is defined.
Developer can even export complete AD_Client record if define appropriate Export format.

>a) like single records?
Export format must defined to export only BPGroup/BPartner.

>transaction when completing the order sending the order + lines in one single XML?
Export format must be defined to export Order and all lines.

>transaction when completing the invoice sending the invoice + lines + BP in one single >XML?
Export format must be defined to export invoice + lines + BP in one single XML.

>2 - What happens if a record fails to be replicated on slave?
Record will stay on JMS Server. Notification mechanism must be created in order to notify administrator and take appropriate actions.

>This question is important because:
At the moment dependent transactions will fail.

>3 - How do you solve the ID's issue on bidirectional replication?
I mean if you can for example import BPGroups on master and slave at the same time, you'll have conflict with ID's.
Problem can arise when Value columns are duplicated. Replication do not transfer IDs. IDs are internal for DB and i do not Export/Import them.
Conflict resolution process must be created.

>Sorry for asking too much, I didn't find design details in wiki or requirements.txt.
In progress. test phase at the`moment.
I provide a working example records. User just need to import them. imagine db dump but in xml format in user readable form.
aim is: replicate data from 38 stores to central server. BP, bp group and other central records from central server to remote servers.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-20 10:47
All of this looks very promising.
With your answers I can give small suggestions now.
Excuse me, just rereading I noticed I gave wrong advice.
I think is SAFER to stop the replication process when a transaction fails (or at least make it configurable).

Failure of dependent transactions is just optimistic scenario.
The worst scenario is that continuing the process can insert corrupted data.
I mean, suppose process fail to insert BP CarlosRuiz because the ID is already used for BP Trifon.
If the next record is an invoice to CarlosRuiz in master - it could finish in slave as an invoice for Trifon (this is just a supposition example, but you can find more data corruption possibilities in more cases)

By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-20 16:45
I created a small presentation to show the ADempiere Replication Management, so I hope it show a overview general.
http://www.adempiere.com/wiki/images/3/35/Replication.pdf

The XML Format is use without IDs dependences is similar to 2Pack, but transfered data, if a XML Msg is sent with BP CarlosRuiz and this exit in database the Central node is update conform the Replication Strategy (Merge,Reference), if BP CarlosRuiz do not exit then is create.

Thanks a lot Victor and Trifon for the doc and answers.
I hope to see this functionality soon integrated on adempiere350 branch for testing.

By: Red1 D. Oon (red1Project Admin) - 2008-01-20 17:13
Great! I found out that there is already lots of info online done by u and Victor (that is the beauty of bazaar), i will try to help editing into one single document (that is the beauty of bazaar).

You speak of 3-4 weeks to complete. Can our client just use those that we need as described above, just to transfer over master data right away? Then we arrange the client to agree to be additional sponsor and make payment right away. Otherwise client may ask for inhouse programmer which we wish to avoid. So we best manage the bazaar way to support your (and victor's) good work.

I read that u want to make this replication also handle auto invoicing from imported orders (from wiki: - Create an Invoice (based on the Order).. -- TO BE DONE). Does this sound like overkill with more headache to maintain? Why not just create Batch DocWF processors as separate module? So that invoicing creation can be batch done for any type of orders be they imported or not. This gives better simplicity, flexibility and maintain the rule of loose coupling for large general systems.

Appreciate what you done so far. I will discuss with the client's project coordinator this morning to convince company that what is done here is what is needed.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-20 22:50
>You speak of 3-4 weeks to complete. Can our client just use those that we need as described above, just to transfer >over master data right away?
Yes. Current Replication can be used to transfer master data.

>I read that u want to make this replication also handle auto invoicing from imported orders (from wiki: - Create an >Invoice (based on the Order).. -- TO BE DONE). Does this sound like overkill with more headache to maintain? Why not >just create Batch DocWF processors as separate module? So that invoicing creation can be batch done for any type of >orders be they imported or not. This gives better simplicity, flexibility and maintain the rule of loose coupling for >large general systems.
I understand it more like Example Invoice replication has to be done.

1.114 *Remote debug for WebUI work too hard*

Developers
By: vinhpt (vinhpt) - 2008-01-04 17:25
I try to debug WebUI with eclipse by followed the tutorial 'RemoteDebug.pdf' of red1.
Debug run but it is the hard-work. When I modify the source code of WebUI, the remote-server is not update with my modification. So I have to re-compile an re-setup Adempiere from source code. It take about 15 minutes to do - workhard!
Please tell me other better way to debug WebUI with eclipse.

By: omid (omidp) - 2008-01-05 10:50
In ServerApps Folder there is build.xml file you can use your ant window
in your IDE to build and compile your webUI in adempiere
Then Replace new Jar files with old and run server again
this take a min

1.115 *Patch for FinReport.java*

Developers
By: Matjaž Godec (agenda_gm) - 2008-01-06 14:20

Here: http://sourceforge.net/tracker/index.php?func=detail&aid=1865283&group_id=176962&atid=879334
You can find a patch for base/src/org/compiere/reportFinReport.java with comments.

When I tried to create mandatory profit/loss report I stumbled on problem, that some calculated fields using other calculated returned 0.

I found, that Adempiere just lineary resolves calculations adn we have to be very careful that we have all calculated results above lines where we are using them.

In our case, when we have quite complicated mandatory reports, where on the firs line we are using caluclated results of lines below it becomes realy messy and problematic, if we can't just use sequnces as required in mandatory report.

Since I made simmilar calulations in 90's in Pascal I give it a try and do it also in Java.

What we have to do is first produce a list of dependend calculated lines, so lines which depends on some other calculated lines are resolved later than their dependency.

Patch is quite simple, uses one recursion and it does the job for us.

However, since I'm not quite Java programer I would be glad if somebody could check on it.
I would be also very happy if it could be included in trunk, since I believe it would be useful fo many people.

1.116 *Adempiere 3.3.1b and Oracle XE problem*

Developers
By: Sergey Vishniakov (sergeyv) - 2008-01-05 17:57
I have a problem with OracleXE and Adempier 3.3.1b.

First step: RUN_Server2.bat started succesfully

Second step: RUN_Adempiere.bat

Third step: Login with SuperUser name... and I got errors in Adempiere clients console.

Full Adempiere client console log:

```
-------------------------------------------------------------------
*** 2008-01-06 01:45:18.453 Adempiere Log (CLogConsole) ***
01:45:18.453 Language.getLanguage: Adding Language=lv, Country=LV, Locale=lv_LV
01:45:18.468 Adempiere.startup: Adempiere(r) Release 3.3.1b_2007-12-05 -Smart Suite ERP,CRM and SCM- (c) 1999-
2007 Ademp
iere (r); Implementation: ${env.ADEMPIERE_VERSION} 20080106-0132 - ${env.ADEMPIERE_VENDOR}
01:45:19.640 Ini.loadProperties: C:\Documents and Settings\User\Adempiere.properties #37
[INFO] MLog clients using com.mchange.v2.log.FallbackMLog logging.
[INFO] Initializing c3p0-0.9.1.2 [built 21-May-2007 15:04:56; debug? true; trace: 10]
[INFO] Initializing c3p0 pool... com.mchange.v2.c3p0.ComboPooledDataSource [ acquireIncrement -> 3,
acquireRetryAttempts
-> 2, acquireRetryDelay -> 1000, autoCommitOnClose -> false, automaticTestTable -> null, breakAfterAcquireFailure ->
fa
lse, checkoutTimeout -> 0, connectionCustomizerClassName -> null, connectionTesterClassName ->
com.mchange.v2.c3p0.impl.
DefaultConnectionTester, dataSourceName -> AdempiereDS, debugUnreturnedConnectionStackTraces -> false,
description -> nu
ll, driverClass -> oracle.jdbc.OracleDriver, factoryClassLocation -> null, forceIgnoreUnresolvedTransactions -> false, i
dentityToken -> 1hge15w7rl6ky48qzyjmp|ba8602, idleConnectionTestPeriod -> 1200, initialPoolSize -> 1, jdbcUrl ->
jdbc:or
acle:thin:@//hobbit:1521/xe, maxAdministrativeTaskTime -> 0, maxConnectionAge -> 0, maxIdleTime -> 900,
maxIdleTimeExces
sConnections -> 1200, maxPoolSize -> 15, maxStatements -> 0, maxStatementsPerConnection -> 0, minPoolSize -> 1,
numHelpe
rThreads -> 3, numThreadsAwaitingCheckoutDefaultUser -> 0, preferredTestQuery -> SELECT Version FROM
AD_System, properti
es -> {user=******, password=******}, propertyCycle -> 0, testConnectionOnCheckin -> false,
testConnectionOnCheckout ->
false, unreturnedConnectionTimeout -> 0, usesTraditionalReflectiveProxies -> false ]
ModelValidationEngine[Validators=#1, ModelChange=#1, DocValidate=#4]
[WARNING] com.mchange.v2.resourcepool.BasicResourcePool$AcquireTask@13c952f – Acquisition Attempt Failed!!!
Clearing pe
nding acquires. While trying to acquire a needed new resource, we failed to succeed more than the maximum number of
allo
wed acquisition attempts (2). Last acquisition attempt exception: java.sql.SQLException: Listener refused the connection
with the following error:
ORA-12516, TNS:listener could not find available handler with matching protocol stack
The Connection descriptor used by the client was:
//hobbit:1521/xe

at oracle.jdbc.driver.DatabaseError.throwSqlException(DatabaseError.java:125)
at oracle.jdbc.driver.DatabaseError.throwSqlException(DatabaseError.java:280)
at oracle.jdbc.driver.T4CConnection.logon(T4CConnection.java:319)
at oracle.jdbc.driver.PhysicalConnection.<init>(PhysicalConnection.java:344)
at oracle.jdbc.driver.T4CConnection.<init>(T4CConnection.java:148)
at oracle.jdbc.driver.T4CDriverExtension.getConnection(T4CDriverExtension.java:32)
at oracle.jdbc.driver.OracleDriver.connect(OracleDriver.java:545)
at com.mchange.v2.c3p0.DriverManagerDataSource.getConnection(DriverManagerDataSource.java:134)
at
com.mchange.v2.c3p0.WrapperConnectionPoolDataSource.getPooledConnection(WrapperConnectionPoolDataSource.ja
va:
182)
at
com.mchange.v2.c3p0.WrapperConnectionPoolDataSource.getPooledConnection(WrapperConnectionPoolDataSource.ja
va:
171)
at
com.mchange.v2.c3p0.impl.C3P0PooledConnectionPool$1PooledConnectionResourcePoolManager.acquireResource(C3
P0Po
oledConnectionPool.java:137)
at com.mchange.v2.resourcepool.BasicResourcePool.doAcquire(BasicResourcePool.java:1014)
```

at com.mchange.v2.resourcepool.BasicResourcePool.access$800(BasicResourcePool.java:32)
at com.mchange.v2.resourcepool.BasicResourcePool$AcquireTask.run(BasicResourcePool.java:1810)
at com.mchange.v2.async.ThreadPoolAsynchronousRunner$PoolThread.run(ThreadPoolAsynchronousRunner.java:547)

By: mario_cal (mar_cal_westf) - 2008-01-07 08:54
We use Oracle 10g and ADempiere 331t, Revision 4085.

When we try to establish connection to the DB within Eclipse, we see the same messages in red:
>> [INFO] Initializing c3p0 pool etc.

Then sometimes (mostly when logging under different user) we see Exceptions like:
[WARNING] com.mchange.v2.resourcepool.BasicResourcePool@1544e44 – Thread unexpectedly interrupted while performing an acquisition attempt.java.lang.InterruptedException
at oracle.jdbc.driver.T4CConnection.logon(T4CConnection.java:285)

The connection is established nevertheless.

It has been there since 331t and we noticed that as you did, but as it works and we had other things to take care of, we did not pursue that matter. We are only afraid that this is important and it will detonate on other place.

1.117 *Add migration to Java 6 in Roadmap*

Developers
By: Deep (mdsahni) - 2006-09-30 00:18
Though I'm not really a Java buff, would like you to consider Java 6 in coming future as it will provide many new better ways of developing UI. Check it here https://jdk6.dev.java.net/

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-07 16:59
Hi community, thinking on this issue, I'm wondering if we can have a CPreparedStatement.java compatible with both java5 and java6 - I suppose that will ease the testings.

What I can see in java5 when I uncomment the java6 lines are errors with:
java.sql.SQLXML
java.sql.RowId
java.sql.NClob

As these three interfaces were defined in java6 they fail when compiled with the rt.jar of java5.

Could we construct adempiere.sql.... interfaces to be used instead of those java.sql...?
Is that worthy?
Could such interfaces be "smart" to use the java.sql interfaces when running on java6 and throwing an error when running against java5?
Does somebody know how to do this and want to contribute it?

1.118 *ERROR in INSERTION OF DATA*

Developers
By: sharmendra (sharmendra) - 2008-01-09 06:51
I tried to insert data into the table through POS Window after clicking on "Process" button of "POS" window.
Let me explain , I have created a method named "getProcess" in "SubCheckout.java" file.It gets called when user click on "Process" Button. Though , the contol comes in "getProcess" method but it is not inserting data in "fact_acct" table .

Go to POS Window-> click on Process Button

The error as Follows:--

SubCheckout.getProcess: INSERT INTO Fact_Acct(Fact_Acct_ID, AD_Client_ID,AD_Org_ID,IsActive,Created,CreatedBy,Updated,UpdatedBy,C_AcctSchema_ID,Account_ID,DateTrx,DateAcct,C_Period_ID,AD_Table_ID,Record_ID,Line_ID,GL_Category_ID,GL_Budget_ID,C_Tax_ID,M_Locator_ID,PostingType,C_Currency_ID,AmtSourceDr,AmtSourceCr,AmtAcctDr,AmtAcctCr,C_UOM_ID,Qty,M_Product_ID,C_BPartner_ID,AD_OrgTrx_ID,C_LocFrom_ID,C_LocTo_ID,C_SalesRegion_ID,C_Project_ID,C_Campaign_ID,C_Activity_ID,User1_ID,User2_ID,Description,A_Asset_ID,C_SubAcct_ID,UserElement1_ID,UserElement2_ID, C_ProjectPhase_ID, C_ProjectTask_ID) VALUES (? , 11, 11,'Y', NOW(),0 ,NOW(),0, 101,509, NOW(),NOW(),1000000, 319, 1000003,1000003, 111,NULL,104,101, 'A', 100, ? , 0,? , 0, 100,0,123, 117, 0, 114,119,NULL ,NULL,NULL,NULL,NULL,NULL,NULL,NULL,1000000,NULL,NULL,NULL,NULL) [11]
org.postgresql.util.PSQLException: ERROR: transaction is read-only; State=25006; ErrorCode=0
at org.postgresql.core.v3.QueryExecutorImpl.receiveErrorResponse(QueryExecutorImpl.java:1548)
at org.postgresql.core.v3.QueryExecutorImpl.processResults(QueryExecutorImpl.java:1316)
at org.postgresql.core.v3.QueryExecutorImpl.execute(QueryExecutorImpl.java:191)
etc
As in the error log one message id there "transaction is read-only; State=25006; ErrorCode=0". Can anyone tell me how to solve this problem?

1.119 *Stack Overflow with Web Start*

Developers
There are excluded messages in this forum.
By: m__j (m__j) - 2008-01-09 04:57
Hi,

i'm getting a stack overflow when trying to start adempiere client form some of our pc's. all computers do have more or less a similiar hardware basis, but on some the client is simply not launchable.

the adempiere.jnlp:

```
<?xml version = "1.0" encoding = "UTF-8"?><jnlp spec = "1.5+" version =
"3.3.0" codebase = "http://erp:8080/admin/adempiereHome" href =
"http://erp:8080/admin/adempiere.jnlp"> <information> <title>Adempiere
Client 3.3.0 http://erp:8080/admin</title> <vendor>ADempiere,
Inc.</vendor> <homepage href =
"http://www.adempiere.org"/> <offline-allowed/> <description>Adempiere
ERP+CRM (http://erp:8080/admin) - Smart Business Solution for Distribution
and Service - globally</description> <description kind =
"short">Adempiere ERP+CRM
(http://erp:8080/admin)</description> <description kind =
"one-line">Adempiere ERP+CRM</description> <description kind =
"tooltip">Adempiere ERP+CRM (http://erp:8080/admin)</description> <icon
href = "http://erp:8080/admin/C32.gif"/><shortcut
online="true"> <desktop/> <menu submenu="Adempiere 3.3.0
http://erp:8080/admin"/></shortcut> </information>
<security> <all-permissions/> </security> <resources> <j2se version =
"1.5+" href = "http://java.sun.com/products/autodl/j2se" initial-heap-size
```

= "32m" max-heap-size = "512m"/> <jar href = "Adempiere.jar" main = "true" download = "eager"/> <jar href = "AdempiereCLib.jar" main = "false" download = "eager"/> <jar href = "CompiereJasperReqs.jar" main = "false" download = "eager"/> <property name="adempiereJNLP" value="http://erp:8080/admin"/> </resources> <application-desc main-class = "org.compiere.Adempiere"/> </jnlp>

Stack Trace:

java.lang.reflect.InvocationTargetException
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
at java.lang.reflect.Method.invoke(Unknown Source)
at com.sun.javaws.Launcher.executeApplication(Unknown Source)
at com.sun.javaws.Launcher.executeMainClass(Unknown Source)
at com.sun.javaws.Launcher.continueLaunch(Unknown Source)
at com.sun.javaws.Launcher.handleApplicationDesc(Unknown Source)
at com.sun.javaws.Launcher.handleLaunchFile(Unknown Source)
at com.sun.javaws.Launcher.run(Unknown Source)
at java.lang.Thread.run(Unknown Source)
Caused by: java.lang.StackOverflowError
at java.io.Win32FileSystem.canonicalize(Unknown Source)
at java.io.File.getCanonicalPath(Unknown Source)
at java.io.FilePermission$1.run(Unknown Source)
at java.security.AccessController.doPrivileged(Native Method)
at java.io.FilePermission.init(Unknown Source)
etc

By: m__j (m__j) - 2008-01-09 09:43
i found a way so adempiere doesn't get stuck in this connection loop. i adjusted the adempiere.properties from another client, where it's working, and copied it to a computer that has this error. This works though it is not the best way i imagine.

1.120 *ADempiere And PL/Java*

Developers
By: Bahman M. (bmovaqar) - 2008-01-07 23:09
We're currently using PL/Java to implement sort of database independence. However
1. It is somehow abandoned or at least experiencing a very-low-activity period.
2. AFAIK doesn't compile with JDK 1.6.
3. On some platforms/software configurations it makes ADempiere installation awfully tricky.

Now wondering, are the above weaknesses enough for us to start searching for other solutions -to apply to current code base- or there are advantages of using PL/Java that I don't know?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-08 00:36
i think that PL/Java brings only disadvantages.
you forgot to point:
Makes application slower.

I think that right direction is removing of PL/Java code.
Karsten created PL/SQL functions for Postgre.

By: Bahman M. (bmovaqar) - 2008-01-09 02:12
The functions in PL/PGSQL are a good short-term replacement for PL/Java but we should look for some solution to have the functions in a totally database independent way, IMO. (Writing all those functions in Java and executing them from client side?)

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-09 02:57
It is possible path of evolution.
DB functions have one very big advantage -> they are fast.
Future will show what will be the permanent solution.
I think that functions in PL/Pgsql and PL/sql will not be moved to java soon. there is no real demand for it.

By: karsten-thiemann (kthiemann) - 2008-01-09 03:36
I think that Trifon is totally right. Java is a database independent solution but it is slow because you need too many db queries within the calculation. Best example here is the M_PriceList_Create.java for the pricelist creation on pg. It can take more than an hour to run compared to a few minutes with pl/sql.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-09 09:56
Hi, personally I would prefer the Bahman's approach
Avoiding specific pl/XXX code at all.

> DB functions have one very big advantage -> they are fast.
IMHO portability is more important than speed.
And it hard to measure "speed" from a badly written code (explained later).

> Future will show what will be the permanent solution.
Hope not, I think this is a real stopper to moving to other databases (SQLServer, DB2, mysql ...)

> I think that functions in PL/Pgsql and PL/sql will not
> be moved to java soon. there is no real demand for it.
There is a demand asking for more databases, but as normal here we have a demand without enough support.
With the proper support this will be a good option to consider looking for database independence.

> I think that Trifon is totally right. Java is a database
> independent solution but it is slowbecause you need too
> many db queries within the calculation.
> Best example here is the M_PriceList_Create.java for the
> pricelist creation on pg. It can take more than an hour
> to run compared to a few minutes with pl/sql.
That's a good example of badly written code.
The "price list create" was a piece of code written originally in oracle pl/sql (fast there)

With M_PriceList_Create.java we just translated pl/sql code to java without any improvement, result: a non-optimized java code that works very slow.
The history would be different if at first the program "price list create" would be written in java - sure the approach would be different, and sure the program would run faster, maybe not so fast as a pl/sql code, but at least with acceptable times.

The dangerous part of the speed argumentation is that easily people could start contributing pl/XXX code instead of java code becase "is faster" (when maybe in reality people write pl/XXX code because is "easier")

IMHO pl/XXX code must be written just for specific-customizations.

All this is to support Bahman's idea - and also trying to avoid new pl/XXX contributions, we have enough problems currently with what we inherited to accept adding more.

By: Kai Schaeffer (kai7) - 2008-01-09 13:23
Probably you are right it's a stopper. But how big is it compared to the other stoppers? The aim is clear: real three tier architecture with DB independency. So you are saying I don't want PL/xxx stuff because we can't move to other DBs

easily. But if you can't move either way because of other stoppers it doesn't matter. Or let me ask in another way: How much of the effort to support another DB you had to put into the PL/xxx procedures? Please, I can't judge this it's only a thought I had.

>> Best example here is the M_PriceList_Create.java for the pricelist creation on pg. It can take more than an hour
>> to run compared to a few minutes with pl/sql.
>That's a good example of badly written code. The "price list create" was a piece of code written originally
>in oracle pl/sql (fast there)
Good point. The question is how close you could come to the PL/xxx speed in Java. In this example we have a huge performance problem and so it really matters. Sure, if the are some percent speed difference left (even factor two) I think nobody would care. BTW: Wouldn't it be better to let the critical functions run on the server instead in the client (within JBOSS)?

>The dangerous part of the speed argumentation is
>that easily people could start contributing pl/XXX code
>instead of java code becase "is faster" (when maybe in
>reality people write pl/XXX code because is "easier")

There I agree. PL/xxx has only one advantage an this is speed. And so we should try to avoid new PL/xxx code. But is it really a problem? Came some new PL/xxx procedures up in the last month?

>we have enough problems currently with what we inherited to accept adding more.
Yes, and one of these problems is PL/Java. :-)

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-09 13:49
First of all let me say that I haven't changed my mind, neither my support on replacing the pl/java with pl/pgsql functions (work in progress by Karsten) - I know the speed problem and agreed with such (hopefully temporary) solution.

About your questions:
> But if you can't move either way because of other stoppers
> it doesn't matter.
Yes, at this moment it doesn't matter.
Maybe in future there could be supporters for i.e. DB2 port - so my thinking is to have clear always that we must avoid the PL/XXX approach to ease such possible work in future.

> Or let me ask in another way: How much of the effort to
> support another DB you had to put into the PL/xxx procedures?
> Please, I can't judge this it's only a thought I had.
In this case there are two problems, one is the first writing code, and second is the maintenance of such code.
We have had several trials of writing the pl/pgsql code since the start of adempiere - just until now I see Karsten is achieving such goal. So step one for postgres will be accomplished soon, imagine if we need "contributors" to rewrite the same functions in DB2, SQLServer, mysql, etc... I'm just thinking on such nightmare correlating how it was hard to find a proper contributor for postgres.

And the second problem is even worst: maintainabilityl. Suppose we find the "contributors" for such functions in Oracle, Postgres, DB2, SQLServer, Mysql, etc. One change in one of those functions will need maintenance in all the other ports.

Something I've learned in this project is that finding initial contributors is hard, but finding maintenance contributors is almost impossible :-) (just exaggerating, but it's really hard)
[[Note aside: maybe that's why Redhuan liked my phrase "show me the maintainer"]]

> BTW: Wouldn't it be better to let the critical functions
> run on the server instead in the client (within JBOSS)?
Yep, although bad code run bad in client or in server, just that in server can run a little faster because of the machine, but also could run slower because of the server load.
> There I agree. PL/xxx has only one advantage an this is speed. And so
> we should try to avoid new PL/xxx code. But is it really a problem?
> Came some new PL/xxx procedures up in the last month?
Fortunately I still have not needed to cope with such discussion.

I just exploited this thread to show my opinion about :-) --> NO new PL/XXX

Although is just an opinion hard to enforce in reality - if somebody brings a good contribution with more pl/java (like libero) obviously we must consider to accept it and add it to the list. As always, every case is different and must be considered - I mean, no general rules in most of the decisions.

1.121 *EDI Import/Export and Postgres*

Developers
By: jmp (jmpiloq) - 2008-01-09 14:04
we currently try to install the EDI Import/Export functionality Trifon contributed to our Adempiere system (Version 3.3.1b, Postgres 8.2, Linux). After we modified the sql scripts (somehow they seem to be made for oracle, despite their name?) and substituted the driver in build.xml, we still run into problems. Has anyone succeeded installing this on postgres?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-09 14:57

Fixed SQL statements are comitted into svn server.
Please try again.

>and substituted the driver in build.xml, we still run into problems.
Please execute alterDBpg and createDBpg.
They contain proper jdbc driver:

```
<target name="createDBpg" description="Execute CREATE SQL statements against Postgre DB" >
<sql
driver="org.postgresql.Driver"
url="jdbc:postgresql://${oracle.host}:${oracle.port}/${oracle.sid}"
userid="${oracle.username}"
password="${oracle.password}"
src="${createSQLpg.file}"
print="yes"
output="resultCreateSQL.txt"
onerror="continue"
>
<classpath>
<pathelement location="${compiere.dir}/lib/postgresql.jar"/>
</classpath>
</sql>
</target>
```

By: jmp (jmpiloq) - 2008-01-10 06:26
Type 'NVARCHAR2' and function 'NOW' were not found, we replaced them
with 'VARCHAR' and 'CURRENT_DATE' in both sql scripts.
AlterTable-Postgre-ID-001.sql, line18: ALTER TABLE C_DocType MODIFYC_EDIFormat_ID
NUMERIC(10);
[sql] org.postgresql.util.PSQLException: ERROR: syntax error at or near
"MODIFY"
changed to: ALTER TABLE C_DocType ALTER C_EDIFormat_ID TYPE NUMERIC(10);
same at line 143 and 149.

AlterTable-Postgre-ID-001.sql, line 95: ALTER TABLE C_EDIFormat_Line
drop UNIQUE(Value);
[sql] org.postgresql.util.PSQLException: ERROR: syntax error at or near
"UNIQUE"

should possibly be: ALTER TABLE C_EDIFormat_Line DROP CONSTRAINT
<constraint name>;
same problem at line 127.

So, now we look for the right constraint name.

1.122 *Jasper problem - case sensitive field names*

Developers
By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-10 11:10
we're having problems with jasper case sensitive field names.

As the query for the jasper financial report is:

| SELECT T_Report.*,
| (SELECT name
| FROM adempiere.C_Period
| WHERE C_Period_ID = $P{C_Period_ID}) as period
| FROM adempiere.T_Report
| WHERE AD_PInstance_ID = $P{T_Report_AD_PInstance_ID}
| ORDER BY SeqNo, LevelNo, Name

It generates the fields in oracle as $F{NAME}, but in postgres it will generate them as $F{name}
This is bad, we need reports that work in both databases.

Our first approach is to alias every column in the query like:

| SELECT T_Report.ad_pinstance_id as "AD_PINSTANCE_ID",
| T_Report.pa_reportline_id as "PA_REPORTLINE_ID",
| ...
| T_Report.col_20 as "COL_20",
| (SELECT name
| FROM adempiere.C_Period
| WHERE C_Period_ID = $P{C_Period_ID}) as "PERIOD"
| FROM adempiere.T_Report
| WHERE AD_PInstance_ID = $P{T_Report_AD_PInstance_ID}
| ORDER BY SeqNo, LevelNo, Name

I'm just wondering if somebody know a better way to achieve the same.

1.123 *Idea! Jasper on Financial Reports*

Developers
By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-04 21:31
I think the financial reports are a great idea inherited from Compiere - but inherited also big constraints on formatting those reports with the standard print formatting.

My idea is to integrate jasper reporting to the Financial Report window - still not thought a lot, but I think we could add a column to reference the jasper report in PA_Report and a button to execute it.

The process then call FinReport in the standard way to fill the T_Report table and the jasper process simply formats and apply formulas against the T_Report table.

What do you think?

I'm not sure what's the best way to "integrate" the jasper report with the financial report - maybe the same way as in the Process window - this is with a column that points to a file/resource/attachment.

BTW - found that "Print Format" has a reference to a "Jasper Process" but this is mostly unusable for client specific print formats because the jasper process just appears on System client.

If the voting is positive I think we could implement it in product.

By: Alejandro Falcone (afalcone) - 2008-01-05 04:55
>BTW - found that "Print Format" has a reference to a "Jasper Process" but this is mostly unusable for client
>specific print formats because the jasper process just appears on System client.
What do you mean?
If you're logged with your client specific (not System) you can see the jasper processes that you've defined and you can choose the report that you want into the Print Format window.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-05 09:22
Ah, ok - if that's working maybe is better to preserve the standard then add the Jasper Report column (like in print format) to financial report window.

By: juanka (jccaleta) - 2008-01-07 07:15
Sound good, may be dynamicjasper can help you

DynamicJasper (DJ) is an API that hides the complexity of Jasper Reports, it helps developers to save time when designing simple/mediumcomplexity reports generating the layout of the report elements automatically. It creates reports dynamically, defining at runtime the columns, column width (auto width), groups, variables, fonts, charts, crosstabs, sub reports (that can also be dynamic), page size and everything else that you can define at design time.

DJ keeps full compatibility with Jasper Reports since it's a tool that helps create reports programmatically in a easy way (it only interferes with the creation of the report design doing the layout of the elements).
You can use the classic .jrxml files as templates while the content and layout of the report elements are handled by the DJ API.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-08 10:32
Jasper on financial reports was included in trunk via the feature request:
[1866483] Jasper on Financial Reports
https://sourceforge.net/tracker/index.php?func=detail&aid=1866483&group_id=176962&atid=879335

I also opened a wiki page
http://adempiere.com/wiki/index.php/HOWTO_Use_Jasper_On_Financial_Reports
and uploaded there a template jasper report - for those who wants to test it.

By: francesco (fncsystem) - 2008-01-08 10:51

i see, thank you for your work; i tested the new jasper report functionality it's very nice and easy to use.

By: dellph (dellph) - 2008-01-10 11:22
I have tried to test your enhancement i have followed your instruction in the wiki but an error occurred this is the error when i look at in the preference

    01:17:53.715 ReportStarter.startProcess: Name=JasperBalance AD_PInstance_ID=1001033 Record_ID=1000003 [48]
    01:17:53.716 ReportStarter.getReportData: [48]
    01:17:53.719 ReportStarter.addProcessParameters: [48]
    01:17:53.721 ReportStarter.processReport: reportFile.getAbsolutePath() =
/home/ian/Desktop/T_ReportTemplate.jrxml [48]
    ==========> ReportStarter.compileReport: JRException; e.getMessage()= Error compiling report java source files : /home/ian/workspace/adempieretrunk/T_ReportTemplate_1199985473901_65918.java [48]

maybe you could give me some tips

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-10 13:40
It looks like a jasper compilation error.
I'm not expert on jasper, just recommend you:
- look for write permissions on /home/ian/workspace/adempieretrunk
- look for jasper configuration - don't understand how it works to look for the directory of compilation
- try to compile the report by yourself and point to the .jasper instead of the .jrxml

1.124 *UI framework that support SWT, GWT and Swing*

Developers
By: Heng Sin (hengsinProject Admin) - 2008-01-10 17:47
Found this amazing UI framework - http://code.google.com/p/uface/ , support SWT, GWT and Swing using single code base, sounds perfect for Adempiere's.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2008-01-10 17:54
Sounds interesting.
Thank's for sharing it!
Project still do not have binary release but has very good idea.
<Begin Intelligence Report>
Project is young and has very good idea.
It is now the time to infiltrate into this project and change it's destiny.
<End Intelligence Report>

By: Red1 D. Oon (red1Project Admin) - 2008-01-10 18:21
"infiltrate into this project and change it's destiny" sounds like an abusive action onto virgin territory. Maybe its a time trap. Focus should be on financial core. Forget about the fringes and nice skin and nice flesh. Don't be like MS. Dont be like OB.

--- trying to think like albert here :-) ---
--- and trying to make Trifon lose control ---

RE: UI framework that support SWT, GWT and Sw
By: Victor P�rez Ju�rez (vpj-cdProject Admin) - 2008-01-10 21:42
It is as panacea in to development a GUI, the migration the Adempiere to WEB is reality more easy.

in other hand about the subject the red1, I think is good evaluate technologies if you have clear what is the goal that you want get.

so current unique disadvantage that have Adempiere vs Compiere , OB is a good web gui.

If people want work in this and have some time , it do not is bad, I my case is a personal dream, and if I will have more time i also use my time to this :-).

ADempiere will the best ERP open source of world and we are setup to this.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-11 05:29
> so current unique disadvantage that have Adempiere vs
> Compiere , OB is a good web gui.

We have it, we have the new Posterita Web UI contributed in trunk - and with easy integration on install.

And IMHO Posterita Web UI is better than OB and latest Compiere, as it practically has ALL the benefits of swing client. I mean, not a crippled version.

I suppose what is lacking on this package are more testers.

1.125 *Version 3.4 ready?*

Developers
By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-10 16:52
Hi community, now that we started a new year:

- are we ready to start the freeze towards to release 3.4?

- bug day?

- we have just 20 open bugs priority 9 on core:
http://sourceforge.net/search/index.php?words=group_artifact_id%3A%28879332%29+AND+priority%3A%289%29+AND+status_id%3A%281%29+AND+artifact_group%3A%28%22Core%22%29&sort=open_date&sortdir=desc&offset=0&group_id=176962&type_of_search=artifact&pmode=0

- can we set a target date for 3.4 release? i.e. February 1st?

- can we have also contributors for strong testings on costing, RMA and new dashboard?

I've been working last days on some outstanding feature requests that I think deserve to be in 3.4 - now there are a few more, so I think we can freeze and agree just to some few new FR's in a each-case basis (same as we did to release 3.2).

By: Heng Sin (hengsinProject Admin) - 2008-01-10 17:34

New enhancement after the freeze should need voting for consideration of goings into 3.4

By: Red1 D. Oon (red1Project Admin) - 2008-01-10 18:40
[+1] to that too, with Saas Ready feature by Carlos Ruiz. (Will make news on this in SF, .org and wiki once the present headlines cool off.. too much breaking news is bad :-))

1.126 *PO.xml misses product name*

Functional-ERP
By: ama (ama71) - 2008-01-04 06:15
I have created a purchase order directly without creating requisitions and request for quotations. I filled in all the fields of the two tabs "purchase order" and "PO Line". Now I clicked the "preview" button from the "purchase order" tab and exported this purchase order in xml. The "print preview" button in the "PO Line" was deaktivated. Was something missing in PO Line?

After exporting the xml file, I noticed that the file contains only information od "Purchase Order"-tab and not of *PO Line"-tab for example product name, quantity, ...

Here is the file:


```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!--Adempiere(r) Release 3.3.0_2007-07-13 -Smart Suite ERP,CRM and SCM- (c) 1999-2007 Adempiere (r);
Implementation: ${env.ADEMPIERE_VERSION} 20071009-1243 - ${env.ADEMPIERE_VENDOR}-->
<adempiereData count = "1" name = "Order Header">
<row no = "0">
<element key = "114" name = "Org_Location_ID">
```

2828 SW Corbett Ave
Suite 130
Portland, OR 97201
</element>
<element name = "Name">Seed Farm Inc.</element>
<element name = "ContactName">Henry Seed</element>
<element key = "122" name = "C_Location_ID">
Mud Rd
Small Village, CT 06455
</element>
<element name = "DatePromised">2008-01-09 00:00:00.0</element>
<element name = "BPValue">SeedFarm</element>
<element name = "POReference">(in numeric)</element>
<element name = "SalesRep_Name">GardenUser BP</element>
<element name = "DocumentType">** New **</element>
<element name = "DocumentNo">800007</element>
<element name = "DateOrdered">2008-01-01 00:00:00.0</element>
<element name = "Description">Description</element>
<element key = "1000006" name = "C_Order_ID">1000006</element>
<element key = "100" name = "C_Currency_ID">USD</element>
<element name = "GrandTotal">2700.00</element>
<element name = "PaymentTerm">30 Days Net</element>
<element name = "DocumentTypeNote">** NO INVOICE **</element>
<element key = "1000006" name = "C_Order_ID">1000006</element>
</row>
</adempiereData>

Is it possible to get xsd file of the above xml file?

1.127 *Is Freight Cost Implemented?*

Functional-ERP

By: Bahman M. (bmovaqar) - 2008-01-07 23:17
Is the Freight Cost Rule feature in Material Receipt implemented?

Currently it has only one rule enabled: 'Freight Included'. I can enable the other rules in AD but when I use any of them, e.g. Fixed, it doesn't effect the product cost.

If it's not implemented, are there any tricks to bring Freight Cost into play?

1.128 *Accounting entries*

Functional-ERP
By: m__j (m__j) - 2008-01-09 03:26
is there a way to sort of "un-post" an accounting entry? When i voided an invoice that had already been posted, the accouting entries were not adjusted, so i need a way to undo those entries. Is there a way in Adempiere to do that?

By: Alejandro Falcone (afalcone) - 2008-01-09 05:42
When you void the invoice, a new invoice should be automatically generated with the same (BUT negatives) values than the original invoice (voided) and with status "Reversed". When that new invoice is posted (manually or automatically)

your accounting entries will be adjusted.

By: m__j (m__j) - 2008-01-11 02:35
thank you, i must have overseen that. how can i control automatic posting? And is there a way, for general purposes, to unpost or to adjust accounting entries?

By: Alejandro Falcone (afalcone) - 2008-01-11 05:53

>how can i control automatic posting?
What do you want to control?

>And is there a way, for general purposes, to unpost or to adjust accounting entries?
You can reset the accounting entries, by using the Reset Accounting process, but there you need to know what table do you want to reset. All entries will be deleted (you can't specify any special record). I don't advice to use this process, except as example if you have done changes into your accounting structure.
Also you can re-post a document if you have done a change into some default account used.
Finally, if you want to adjust entries, you can use GL Journal.

1.129 *Functional-ERP*

Project Management
By: Todor Lulov (tedlul) - 2008-01-09 06:48
I'm trying to implement Project Management functionality and there is a point not so clear to me. It is about the accountig process tied to that module.
Accountig process depends on the Project Type. What is the difference between
PJ_WIP_ACCT and PJ_ASSET_ACCT
accounts (they are defaults in the American COA delivered with ADempiere)?

There must be some relation between these two accounts. In my opinion when the project is closed then the amount from PJ_WIP_ACCT have to be switched to PJ_ASSET_ACCT. Am I right or I miss something?

By: moyses (moyses) - 2008-01-09 10:00
According to the accounting faq in spanish created by Carlos Ruiz (thanks so much for this!)
PJ_WIP_ACCT This account shows the expenses incurred in a work in process.
PJ_ASSET_ACCT This account represents the total amount of a project. This amount is created when the project is completed.

The last time I checked the project management functionality it was rather incomplete, I remember a bug where the PJ_WIP_ACCT amount was not moved it to the PJ_ASSET_ACCT after completing the project.

May be others can give you some information about a more recent experience.

1.130 *Discount On Order/Invoice Level*

Functional-ERP
By: Bahman M. (bmovaqar) - 2007-12-30 07:49
Is it possible to apply discounts on Order/Invoice level using Charges?

For example, consider the following order:
\# Product Qty UnitPrice
----
1 P1 10 100
2 P2 10 500

Grand Total = 6000

If the vendor sets a discount of 400 on the GrandTotal, does adding the following line to the order apply that discount?

3 Charge/Trade Discounts -400

By: m__j (m__j) - 2008-01-03 09:38
i'm not quite sure what you mean, but by adding a line with a negative value for price you sure can get something like the desired discount.

By: Bahman M. (bmovaqar) - 2008-01-04 22:06
There's a problem with my approach: it doesn't affect the product cost.

1.131 *Migrating data from AD 3.2 to multiple AD 3.3*

Help
By: Daniel Žalar (danizmax) - 2007-12-21 06:45

I would like to do two tasks:
1. migrate some user data from AD 3.2 to new AD 3.3 or AD 3.3.1b database. Also migrate from Oracle XE to postgresql.
2. import initial data that concerns our local laws and customizations onto any new AD 3.x instance

The usual procedure for the first task would be to use migration scripts and then use some tool to migrate from XE to postgresql.
I found some help on wiki http://adempiere.com/wiki/index.php/Migration
Is this a good way to do this?

Current plans for the second task are to import data with 2pack, but the problem is, that we have made some customizations to tables (added some columns - on AD 3.2), so 2pack no longer works on AD 3.3.x. We think that the reason that 2pack no longer works on AD 3.3 is because Ad 3.3 has new columns in some tables. Is this a possibility? How should I proceed with this problem?

This customizations/enhancements will be, when they are stable, available to this community.

Thank you for any help full posts!

By: karsten-thiemann (kthiemann) - 2007-12-21 07:01
1a. follow the instructions to migrate from 3.2 to 3.3.1
1b. http://adempiere.com/wiki/index.php/Migration/DDLUtils- I did this last week with our installation and had no problems.

2. Don't know the best way - hope somebody else will answer this question :)

By: mario_cal (mar_cal_westf) - 2007-12-21 10:12
we have the same task of migrating from Oracle to Postgres. Did you just follow the instructions or did you have to do an extra work before accomplishing the migration to PostgreSQL?

By: karsten-thiemann (kthiemann) - 2008-01-04 03:08
We just followed the instructions but we had to reapply our own views and changes to standard views since DDLUtils can't handle views. There is a folder ADempiere\ddlutils\postgresql\views where you can put the sql files with your view definitions. They will be processed by DDLUtils.

1.132 Import Product cannt generate relat Costs

Help
By: arc_f (arc_f) - 2007-09-25 04:15
In data import,wo can import product success,but when we come to the product costs window,you can find you cannt inpout the cost information in the input window,it could cause by the import product function,in that function ,the cost data is not insert.
Could everyone tell how to import product and in the same time ,generate relate costs information?

By: Ernest (eenriquez) - 2008-01-08 17:32
Can you send me the table I_product for test the import process and see the result,
Tell me what version was used. and the reference and field type.

1.133 **Error when start**

Help
By: cheehaab (aansyihab) - 2008-01-10 17:15
I am using Adempiere_331b
database postgresql-8.3-dev1
I am using Java jdk1.5.0_14
I am trying use adempiere in operating system Windows XP SP 2
but i got error when I "RUN_setup.bat"
Error like this:

setupCLib:
[jar] Building jar: D:\Adempiere\lib\AdempiereClib.jar
[echo] KeyStore=D:\Adempiere\keystore\mykeystore - Alias=adempiere
[signjar] Singning JAR: D:\Adempiere\lib\AdempiereClib.jar

BUILD FAILED
D:\Adempiere\build.xml:222: Execute failed: java.io.IOException: CreateProcess:
jarsigner.exe -keystore D:\Adempiere\keystore -storepass myPassword
D:\Adempiere\lib\AdempiereClib.jar adempiere error=2

Total time: 15 seconds

*** 2008-01-11 05:56:03.718 Adempiere Log <ClogConsole> ***
ErrorLevel = 1
****
Check the error messabe above.
****
Make sure that the environment is set correctly!
Set environment variable JAVA_HOME mannualy
or use WinEnv.js in the util directory
****
Press any key to continue . . .

by: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2008-01-10 21:32
> D:\Adempiere\build.xml:222: Execute failed: java.io.IOException: CreateProcess:
> jarsigner.exe -keystore D:\Adempiere\keystore -storepass myPassword
Can the jarsigner be reached with your current path?

BTW - a warning about 8.3 - just received this message from pl/java dev list:

-------- Mensaje original --------
Asunto: Re: [Pljava-dev] [HACKERS] Pl/Java broken since Postgresql 8.3-rc1
Fecha: Thu, 10 Jan 2008 20:18:10 -0500 (EST)
De: Kris Jurka
Para: Jan Ischebeck

CC: pljava-dev pgfoundry org, pgsql-hackers postgresql org

On Thu, 10 Jan 2008, Jan Ischebeck wrote:

> 8.3beta3 and 4 have worked perfectly with the provided pljava ddl, just
> with 8.3-rc1 it doesn't work anymore.
>

8.3RC1 changed the function definition for SetUserId, so it pljava needs some changes and a rebuild. Will fix.

Kris Jurka
____
Pljava-dev mailing list
Pljava-dev@pgfoundry.org
http://pgfoundry.org/mailman/listinfo/pljava-dev

So, if you're planning to use 8.3 please keep an eye on such thread.

1.134 anoying error

Help
By: Rodrigo (rslrdx) - 2007-11-02 20:38
almost at the end of the install i get this error, and i did followed the wiki instructions

Please add ADEMPIERE_HOME and JAVA_HOME to your environment
You chould also have set LD_LIBRARY_PATH

so i need some help getting past this part, my .profile file has the correct path added to it. where else and what else could it be?

By: Daniel Žalar (danizmax) - 2007-11-05 01:25
check if you have more than one java installed and if the JAVA_HOME is set to the one you are running adempiere with.

By: kitichai (kitichai) - 2007-11-05 02:50
This is only notice message, not an error. It's shows every times you run setup. if you already set these variables just skip. You could verify by this command "echo $JAVA_HOME"

By: Rodrigo (rslrdx) - 2007-11-05 09:13
Well I was following this wiki to install it Running it onubuntu and postgres. >>
http://www.adempiere.com/wiki/index.php/InstallServer
and it says I should see this part at the end

```
BUILD SUCCESSFUL
Total time: 2 minutes 22 seconds

*** 2006-12-28 14:15:35.53 Adempiere Log (CLogConsole) ***
ErrorLevel = 0
===================================
Setup Client Environment
===================================
SET ADEMPIERE_HOME=C:\Adempiere
SET JAVA_HOME=c:\Archivos de programa\Java\jdk1.5.0_05
Path is OK = c:\Archivos de programa\Java\jdk1.5.0_05\bin;C:\Archivos de programa\Java\jdk1.5.0_05\
bin;C:\oraclexe\app\oracle\product\10.2.0\server\bin;%SystemRoot%\system32;%SystemRoot%;
%SystemRoot%\System32\Wbem
Created Shortcut Adempiere.lnk
```

Created Shortcut Adempiere Web Site.url
Done
I do get the BUILD SUCCESSFUL but i dont see the "Done" part nor the shortcuts being created.
Can I continue or is it failing to do something? What am I missing?

By: Daniel Žalar (danizmax) - 2007-11-06 02:23
It seems you did ok. Now you have to start server and then client. You do that by running
C:\Adempiere\utils\RUN_Server2.bat

C:\Adempiere\RUN_Adempiere.bat

And make shure you start database server before the RUN_Server2.bat command!

By: Rodrigo (rslrdx) - 2007-11-06 09:49
Running it on ubuntu... i got it runnning, just need to get used to using it and translate it

1.135 Thoughts and ideas about ADempiere marcomm

Business & Marketing
By: ralf (ralf_baeumer) - 2007-12-28 10:47
Some thoughts and ideas about ADempiere marketing communications:

If ADempiere ought to be successful, it – first of all – needs many more installations. Installations in many countries. Installations in many different branches. What does that take?

1. ADempiere needs awareness. Don't let ADempiere remain the best kept secret in the IT world! And ADempiere needs a face. It is not enough to publish a press release once or twice a year. We need ongoing communications – everywhere in the world. We need success stories from happy customers. We need success stories of won competitions against the major ERP players. We need people stories (even those of ADempiere supporters singing John Lennon songs .. ;-)). We need facts and figures. We need comparisons to other ERP/CRM products (preferably those in which ADempiere looks very good!). We need testimonials of IT gurus, testimonials of consultants and analysts.

How can we achieve this? With a clear communications strategy. And with a service that collects all this information and transforms it into f. e. press releases and news letters. Public relations is the means of this early hour. It is not expensive and it can have a strong impact.

We need an approved international fairs and events strategy and support for every exhibiting partner. We need professional presentations in standard formats of the fantastic idea of ADempiere, of the global community, of the product benefits and advantages, features and functions. We have to do some product positioning (branches/sectors, enterprise sizes, IT infrastructure, competitors). We need convincing product descriptions (as layouted documents and/or as texts/images to be included in the partners own acquisition material).

Let's start with the affordable communication. We should then add some (more expensive) activities (s. a. printed brochures, direct mailings, online marketing, advertising, …), when there will be some more return on our investment in a later stage. Maybe we will need some market research to better meet the customers needs than the competitors.

We have to centrally distribute the weekly or bi-weekly outcome of this communications process to the big national and international media (like TV/radio stations and newspapers), to the opinion leaders, to the analysts and – certainly – to all the partners of the community. (We have to present convincing interview partners as well, if required by the journalists.)

The affiliated business partners in the countries then can adjust this material to their own needs, add their company data/sector information and spread it to the local and national editors as well as to their customers and prospects. (We have to march separately and to beat conjointly with the whole power of our great global project.) Therefore we also need a central source of information without any contradictions. And later on we need one clean corporate design (logotype, colors, fonts, wording, …) of all material released.

I imagine a small central organization/agency (why not situated in Germany?) that does this collection, transformation, distribution, approval and communications job. Central marketing communications can be contradictions-free, consistent and uniform. And it can be up-to-date at every time. The base work can then be multiplied and – if required – customized by each affiliated business partner. This procedure can spare a lot of time and money. And it gives all the partners the chance to professionally acquire new customers right from the beginning of their engagement. The service could then be expanded f. e. by creation/adoption/production of direct mailings, event invitations, office decoration series, display rental, ADempiere give away shop, …

2. ADempiere needs trust and confidence in the customers' minds. No company can take the risk of using this software to deal with its most important or even business critical processes only because of the CTOs sympathy for a global GPL/ERP project. And no business partner will invest considerable knowledge, manpower, time and money to build it's own ADempiere sales/marketing/programming/service infrastructure. ADempiere therefore needs a (reliable) road map with the most important features and with the appropriate availability dates. I don't know how the community can manage this from my point of view essential process. ADempiere needs a centrally hosted data base of the ADempiere business partners and their services/competencies in the world (and there have to be many, many more partners than now. But with good awareness and confidence in this software's future new partners and contributors will spring up like mushrooms). Only if there are always enough alternatives, customer wouldn't have the feeling that ADempiere or his realization partner is a dead end.

After all: Why am I so confident of ADempieres success in spite of all these lacks? Why do I think that it has a realistic chance to play an important role in the global ERP business besides the strong competitors? Why do I offer my time, knowledge, experience and ideas to the ADempiere community?

Because of ADempieres unique concept as a global Bazaar for Open Source Developers that contribute their improvements and let this software grow and strengthen itself. And because of the sympathy such a great project achieves from the people all over the world. Sympathy matters! And sympathy will beat market penetration and big advertising budgets of our competitors (if we learn to consequently communicate this great idea).