

A decorative graphic on the right side of the page. It features three sets of concentric circles in shades of blue. The top set is the largest, the middle set is medium-sized, and the bottom set is the smallest. Thin blue lines extend from the top-left and top-right corners towards the circles, and a thicker line extends from the bottom-right corner towards the largest circle.

# Best of 2007 Selection

From the ADempiere SourceForge Project

Year 2007 is a great year with lots of content generated all over by the ADempiere Bazaar, and here we have a selection from its SourceForge Forums.

**Mario Calderon, El Salvador**  
**12/31/2007**

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## **1 Tips from the Forum**

### **1.1 Flash tutorials with viewlet (not free)**

### **1.2 vmware image with libero fully installed**

<http://www.graysonconsulting.biz/files.html>

### **1.3 New window**

You may visit <http://www.adempiere.com/wiki/index.php/NewWindow> for information on how to create a new window.

### **1.4 Generate X\_ and I\_ classes**

[http://adempiere.com/wiki/index.php/User:Trifonnt#Simplify\\_and\\_Speedup\\_Adempiere\\_development](http://adempiere.com/wiki/index.php/User:Trifonnt#Simplify_and_Speedup_Adempiere_development)

### **1.5 Complement: to monitor oracle sessions**

```
SELECT SID, SERIAL#, STATUS,SERVER  
FROM V$SESSION  
WHERE USERNAME = 'ADEMPIERE';
```

### **1.6 Libero Payroll**

<http://www.adempiere.com/wiki/images/3/32/Payroll.pdf>

### **1.7 I want to add my options into search dialog what should i do ?**

I need to search via description field in my window

Login as System Administrator, open "Table and Column" window, select your table, go to column tab and check "Selection Column" flag for the columns you need to appear in your basic search form.

### **1.8 disable the delete button in a window**

login as System Admin, go to 'Table and Column' and select the table of your window. Then uncheck the 'Records deleteable' checkbox.

### **1.9 activate project and campaign modules after Initial Client Setup**

described in [http://adempiere.com/wiki/index.php/ManPageW\\_AccountingSchema#Tab:\\_Account\\_Schema\\_Element](http://adempiere.com/wiki/index.php/ManPageW_AccountingSchema#Tab:_Account_Schema_Element)

### **1.10 To have adempiere run with Java 1.6 you gotta change some things.**

First of all, open the CPreparedStatement.java (If in eclipse, hit ctrl + shift + t and then type the class name). If you're using Adempiere 3.3.0, goto line 1045, if using Adempiere trunk go to line 1085 and uncomment all that commented block (Thanks Victor for readying compatibility with Java 1.6).

Also, in eclipse, you gotta check if your Java Compiler settings are set to Java 1.6, to do that, right click on the project and click on properties. Choose the Item Java Compiler and then check what's the Compiler compliance level, if it's set to 1.5, set it to 1.6 (if the field is not open to edit, then just click on Enable project specific settings).

### ***1.11 search functionality, integrated in grid***

By: stefan kuthan (stefan\_kuthan) - 2007-10-22 04:16

see wiki page: [http://www.adempiere.com/wiki/index.php?title=Adempiere\\_GUI\\_Enhancements](http://www.adempiere.com/wiki/index.php?title=Adempiere_GUI_Enhancements)

This is an enhancement to show the search-window inline instead of in a popup window.

The benefit is a much faster way of adjusting the query, the downside is that less space is shown for the content - however I feel that with growing screen-resolutions we can show more content anyway.

### ***1.12 Swift code lookup***

Useful URL for finding and checking SWIFT codes...

[http://www.swift.com/biconline/index.cfm?fuseaction=display\\_freesearch](http://www.swift.com/biconline/index.cfm?fuseaction=display_freesearch)

### ***1.13 In which DB tables saves Adempiere the data?***

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.

### ***1.14 Posterita***

Standard web for Adempiere: serverApps/src/main/servlet

- the posterita is zk functionality: see <http://www.zkoss.org/demo/external.dsp>
- and live demo <http://72.44.63.253/webui/>
- Posterita developed in zk ajax
- Support requests here: [https://sourceforge.net/tracker/?func=add&group\\_id=176962&atid=879333](https://sourceforge.net/tracker/?func=add&group_id=176962&atid=879333)

### ***1.15 Description of Client Window***

[http://www.adempiere.com/wiki/index.php/ManPageW\\_Client](http://www.adempiere.com/wiki/index.php/ManPageW_Client)

### ***1.16 Description of RequestEMailProcessor Window***

[http://adempiere.com/wiki/index.php/ManPageP\\_RequestEMailProcessor](http://adempiere.com/wiki/index.php/ManPageP_RequestEMailProcessor)

### ***1.17 Master/Detail***

Description:

[http://www.adempiere.com/wiki/index.php/Collapse\\_Grid\\_%26\\_Horizontal\\_Tab#Movie\\_Demo](http://www.adempiere.com/wiki/index.php/Collapse_Grid_%26_Horizontal_Tab#Movie_Demo)

Video Demo: <http://www.e-evolution.com.mx/videos/gridcollapse.html>

## **1.18 DB Management / ERM**

<http://www.aquafold.com/>

### ***1.19 Check out my new demo video on Libero BOM Drop!***

<http://www.youtube.com/watch?v=yL3HRtEcRpU>

It feeds into libero by creating a sales order line entry on a sales order. When you then run the regenerate material plan etc... it will analyzed if there is enough inventory to satisfy the sales order and if not create purchase requisition orders and/or



manufacturing orders to satisfy the sales order. In the final analysis it may create a manufacturing order but not directly.

#### **1.20 Run external applications inside Eclipse**

run->external-tools ( for example utils/RUN\_UnixEnv.sh)

#### **1.21 Oracle have this flashback feature which can be use to achieve the full rollback.**

[http://www.oracle.com/technology/deploy/availability/htdocs/Flashback\\_Overview.htm](http://www.oracle.com/technology/deploy/availability/htdocs/Flashback_Overview.htm)

#### **1.22 The following links contains more details on the use of xml entity**

- <http://www.xml.com/pub/a/98/08/xmlqna1.html#EXTENT>
- <http://www.xml.com/pub/a/98/08/xmlqna2.html#ENTDECL>

#### **1.23 Comments of Marco Lombardo on Ids, etc**

<http://www.adempiere.com/wiki/index.php/Freeway>

#### **1.24 Manual von Red1 : Import Price**

<http://docs.huihoo.com/adempiere/ImportPriceSetup.pdf>

#### **1.25 unpack .jar: how to unpack the database dumps in data/seed ? tar -xzf file.jar ?**

Jar are zipped file. So unzip unpack.jar should do.

If you have java SDK you can extract the files with the jar utility located in the bin directory of your java path.  
just a jar -xv yourfile.jar

In windows you can also try with Winrar, Winzip or any other zip utility.

#### **1.26 Postgres 8.2.5 / PLJava**

I have the pl/java working in a postgres 8.2.5. Ther problem is that the pl/java does not use the jdk but it uses the Jre.

If you are in linux you will also have to export the jre path just like the way you exported the JAVA\_HOME and ADEMPIERE\_HOME.

If in windows you will have to insert the Jre path in the PATH environment variable just like the way you inserted the path to the JAVA\_HOME and ADEMPIERE\_HOME.

I prefer doing these after I have immediately installed Java.

#### **1.27 Application Server start from within Eclipse:**

you need the jboss ide plugin, use that to start the jboss application server in the jboss project folder and the ear deployment stuff

you need install eclipse to J2EE plug in ([www.jboss.org](http://www.jboss.org))

jboss ide plugin for eclipse so you can start the application server from eclipse, after that is configuring the classpath and ear deployment stuff <http://docs.jboss.com/jbosside/install/build/en/html/installation.html>

## 2 SELECTED THREADS WITHIN ADEMPIERE FORUMS

The newest threads are on top.

### 2.1 *WebUI error when login non-English org name*

#### **Bazaar Open Discussion**

By: vinhpt (vinhpt) - 2007-12-21 20:58

I found that when login adempiere through WebUI with non-English Organization name.

For example

If Organization name is "Ha Noi" -> no error

If Organization name is "Hà Nội™" -> error - cannot chose this org

If this is the bug please add to the Adempiere bug list.

By: omid (omidp) - 2007-12-31 21:14

I know this problem when i was debugging adempiere

I found in WFieldUpdate in line 103 when webdoc created and response

JavaScript on the page unicode character does not support

if you have firefox in error console you can see javascript error

e.g A[0] = new Option('#1740#5445#','1000001')

I can't solve this problem yet

### 2.2 *Training Sessions in IRC room for newbies*

#### **Community Process**

By: Red1 D. Oon (red1) - 2007-12-04 09:31

I (and possible others) will be conducting Training Sessions that are mostly for newbies. The topics i suggest will be firstly on social etiquette or community behavior that is needed by newbies and progressing from there such as

WHAT?

1) Wiki maintenance - i show you how to register into the wiki and maintain your user page as well as finding your way around, asking for help and contributing back.

2) Handling resources in SourceForge - i show you around SourceForge's different parts and how to obtain the best out of it.

3) Eclipse setup and debugging tips - early newbie stage

WHERE?

We can have the session in #adempiere-beginner room in irc freenode server. If you wish to pre-register pls do so here to intro yourself and a bit about what u really like to accomplish in such classes.

HOW?

Basically i can guide you step by step with links that i will post into the chat room and you have to respond as to what you get or where you maybe stuck. There might be other gurus who wish to volunteer lending a hand too (for that gracias mucho)

WHEN?

For a start i intend to hold it on GMT0 at 1300 hrs - 1400 hrs daily from 9th December till 13th December.

WHY?

This is done as i am myself doing such in house training for my own project among my newbie staff. So might as well open it to the world. My training even to my staff that is sitting next to me in the same physical house are asked to channel all communication via the IRC room, wiki and forums. This is to train them to be VISIBLE - a highly important attribute in becoming a great contributor.

Yes indeed, and the better way i m training newbies is to write more organisedly in the forums. The irc chat is to discuss how to read forums, how to post requests and how to say thanks! Thus the forums become records of their activity hopefully.

One important topic that we can go through is the Eric Raymond's faq on ethics. So for those of you who aren't sure how exactly to start asking in forums, this is the place to begin. My approach is to lower the bar for some hours that time. I hope i can hold my breath for a few more, "Have you seen Victor?", who knows we may discover a few more heroes out there.

By: girisho (girisho) - 2007-12-05 16:38

I really appreciate your intiation on this. We would like to provide a webex session always for beginner training. I will organize and record these sessions. I will need help with the training session content. Please let me know how we can organize this. I will post the details of the webex seminar very soon on this post. I will encourage all the beginners to register their names in this thread to get training on the web.

Girish Ogirala

<http://www.erpminds.com>

SF: girisho

IRC: go\_erp

One more thing, these webex sessions have all the capabilities of sharing the Adempiere screens, presentations, remote control, audio broadcasting, video broadcasting, session recording, chat, polls for upto 100 people.

By: Red1 D. Oon (red1) - 2007-12-05 17:58

Very impressive contribution.. lets work out some trials before hand. As we may then make this efficient and stable as our bazaar feature.

Can it take my voice from here remotely? Can it let me go into your PC Screen and take over as if i am there? Then i can just speak and go to the links and pages with the attendees. As well as throw few screen actions concurrently such as Eclipse setup, ADempiere setup, Wiki maintenance, Forums Posting as well sing Phil Collins, "Another Day In Paradise"

Usman has advertised about this in the IndoCompiere forum for Indonesian speaking usergroup which is about 500 members.

I will request my team which is Malay proficient to organise a parallel translated chatroom. I hope Usman can join in also to make this also a Summer Camp of Bali! :-)

We may have to standby skype and headphones as we can use the \*coughs coughs\* dusty 'web' large conference room! Info link on that is at the bottom of <http://www.adempiere.org>

By: Carlos Ruiz (globalqss) - 2007-12-04 10:44

Thanks Redhuan for such an excellent initiative:

I suggest those training sessions be recorded following suggestions here:

<http://producingoss.com/en/irc.html#irc-archiving>

By: jun\_rp8 (junsumaylo) - 2007-12-07 03:37

An excellent idea indeed red1. I for one am waiting for the sessions. It will really help us newbies to get up and running and be productive. Thanks to girisho for offering the webex sessions. Please post in the forum when these sessions will be held so we can join.

By: girisho (girisho) - 2007-12-07 08:59

Please use the following procedure to get access to the adempiere training.

1. Please go to <http://www.erpminds.com/demo/adempiereroom>

2. Click on Register button, enter your information and Submit.

3. Click on the Attend Meeting link

4. Enter Password: adempiere.

5. Now you are in the meeting.

By: jun\_rp8 (junsumaylo) - 2007-12-07 15:59

Thank you so much for the link. This project will really help a lot of noobz like me.

By: girisho (girisho) - 2007-12-10 17:01

please go to this URL for any help with Webinar session.

[http://persony.net/download/sw\\_welcome.htm](http://persony.net/download/sw_welcome.htm)

By: McBoss (mcboss) - 2007-12-10 16:46

This would have been great for me, unfortunately, I only just found it and my locality (Auckland, New Zealand) means that 1300GMT=0200NZDT. :p

Mark Catley

By: Red1 D. Oon (red1) - 2007-12-10 17:22

ok.. tell me what time may seem best to u. we can try out some timezones, as i m just warming up to establish the works of such a free class. The idea is to experiment on the learning environment and approach as this is for research by learning institutions to adopt one day.

I would also be modifying the class to be called just #adempiere-class as the word 'beginner' may give a bad connotation. :-)

By: girisho (girisho) - 2007-12-12 23:26

Lets plan on finding a solution to help beginners. May be the training class idea is not that attractive. May be we can provide some pre-recorded sessions like what Tim did for libero installation.

Please share ur thoughts and we can work together to help beginners.

By: Red1 D. Oon (red1) - 2007-12-15 22:59

I completed some class in absentia here

[https://sourceforge.net/forum/forum.php?thread\\_id=1814345&forum\\_id=610546](https://sourceforge.net/forum/forum.php?thread_id=1814345&forum_id=610546)

It took me about half a day... now that is hard to film and edit, so i hope a running commentary like that can help. Hope to give more stuff soon. I enjoyed the fun!

## 2.3 *Dynamic Display of Custom Fields*

### **Developers**

By: sharmendra (sharmendra) - 2007-12-28 02:13

I want to display certain number of Fields whenever user selects the checkbox, for example

Go to Business partner window -> select the customer tab

In this tab there is a "Customer" Check box, and certain fields gets displayed whenever user selects the "Checkbox". I want to put a custom field "Shipping Time" and this sud be populated with the dynamic selection of "Customer" checkbox.

I didn't find the code where I suppose to put my logic or change the logic.

By: Alejandro Falcone (afalcone) - 2007-12-28 02:56

Do you want to display your new field "Shipping Time" only when the user check the Customer checkbox (as others fields are)?

If that is your case, then just fill the Display Logic field for the "Shipping Time" field with the value

@IsCustomer@='Y'

By: sharmendra (sharmendra) - 2007-12-28 03:32

Thats G8...now things are working.....

## 2.4 Unable to launch the application

### Help

By: mmh (muhammadmh1) - 2007-12-28 19:47  
there are two questions:

1. I had the following error: 'Unable to launch the application' while trying to lunch the adempiere client via webstart.the error massage is as written below.
2. After installing adempiere what do i do? I would like to set up a POS system for my shop.

I would really appreciate if you could help me on this.

### ERROR MESSAGE:

0Name Adempiere Client 3.3.0 <https://dd-6b438752f53f/admin>  
Publisher: Adempiere, Inc.  
From: <https://dd-6b438752f53f>

Unexpected exception: java.lang.reflect.InvocationTargetException

### Exception:

```
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.doLaunchApp(Unknown Source)
at com.sun.javaws.Launcher.run(Unknown Source)
at java.lang.Thread.run(Unknown Source)
Caused by: java.lang.NoClassDefFoundError: org/apache/log4j/Level
at org.compiere.util.CLogMgtLog4J.<clinit>(CLogMgtLog4J.java:45)
at org.compiere.util.CLogMgt.initialize(CLogMgt.java:155)
at org.compiere.Adempiere.startup(Adempiere.java:452)
at org.compiere.Adempiere.main(Adempiere.java:566)
... 9 more
```

### Launch File:

```
<?xml version = "1.0" encoding = "UTF-8"?><jnlp spec = "1.5+" version = "3.3.0" codebase = "https://dd-6b438752f53f/admin/adempiereHome" href = "https://dd-6b438752f53f/admin/adempiere.jnlp">
<information> <title>Adempiere Client 3.3.0 https://dd-6b438752f53f/admin</title> <vendor>ADempiere,
Inc.</vendor> <homepage href = "http://www.adempiere.org/"> <offline-allowed/> <description>Adempiere
ERP+CRM (https://dd-6b438752f53f/admin) - Smart Business Solution for Distribution and Service -
globally</description> <description kind = "short">Adempiere ERP+CRM (https://dd-6b438752f53f/admin)</description>
<description kind = "one-line">Adempiere ERP+CRM</description>
<description kind = "tooltip">Adempiere ERP+CRM (https://dd-6b438752f53f/admin)</description> <icon
href = "https://dd-6b438752f53f/admin/C32.gif"> <shortcut online="true"> <desktop/> <menu
submenu="Adempiere 3.3.0 https://dd-6b438752f53f/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="https://dd-6b438752f53f/admin/">
</resources> <application-desc main-class = "org.compiere.Adempiere"/> </jnlp>
```

By: Red1 D. Oon (red1) - 2007-12-29 04:36

Pls give more info on your setup. Works fine here :-)

By: mmh (muhammadmh1) - 2007-12-29 04:57

Im not sure wht exactly is meant by setup. but i as a guess:

OS: Windows xp  
Oracle xe

ADEMPIERE\_HOME  
C:\Adempiere

JAVA\_HOME  
C:\Program Files\Java\jdk1.6.0\_03

the application server <https://dd-6b438752f53f/admin/> (which works fine)

clicked webstart it installs the file but could not launch.

I hope thats everything u need to know.

By: Bahman M. (bmovaqar) - 2007-12-30 03:41

To me it looks like a classpath problem. Have you tried running it using JDK 1.5?

## 2.5 *Inventory Move - No Inventory Available*

### Developers

By: racd (racd) - 2007-12-22 18:03

Currently i am doing checking and testing for inventory part and i found something weird in the system.

For information i am using sourcecode which checkout from trunk on 09 December 2007

Inventory Move - No Inventory Available

-----  
Before this i also do a testing on inventory movr module As a result i found that

1. this warning message always appear after we select the product or change the qty delivered amount.

For example;

product = Printer KKK1121  
Qty at Majlis sukan negeri =5  
Move from = Majlis Sukan Negeri  
Move to = KUSZA

However this warning message appear "No Inventory Available"

My Sugesstion

-----  
I already checked through source code and i found that

Actually while we do inventory move, the system will do the checking weather the selected warehouse got enough stock or not to do the movement. However the prblem occurs because the system check the availability not at the selected warehouse but at the default warehouse that we set during we login into the system.

For example during we login we set the warehouse = "Dewan Berlian Utama"

In my opinion we can make the process better in 2 ways

1. System will do the checking of availability at the default warehouse, however the move from field at the invrntoy move module have to blocked to avoid confusion by the user.
2. System will check the availability of the stock at the "move from" warehouse in the inventory move module not the default warehouse that seted during login. By this way i think it will this "inventory move" module become more flexible.

## 2.6 *Bank Transfers - new process*

### **Functional-Financials**

By: Alejandro Falcone (afalcone) - 2007-12-20 12:19

We've implemented a new process to make bank transfers from one account to another (From and To).

The approach is very simple, and is the same model related here:

[http://www.adempiere.com/wiki/index.php/Bank\\_to\\_Bank\\_Transfer\\_Transaction\\_tips](http://www.adempiere.com/wiki/index.php/Bank_to_Bank_Transfer_Transaction_tips)

The parameters are:

- Bank Account From
- Bank Account To
- Amount
- CashBook
- Date Statement
- Account Date
- Name
- Description

The process create a new cash journal with 2 lines with Bank Transfer as Cash Type; first line with original amount and second line with the amount with negative sign.

The CashBook entry is completed and it's ready to be posted.

After run the process, the user just must to create and complete the Bank Statement for each bank account involved.

Maybe it could be useful for others too; What do you think?

By: Colin Rooney (croo) - 2007-12-20 13:00

Making Bank transfers easier is definitely a good idea and I remember there was a discussion on this topic in a forums - a long time ago now. I think we have seen issues with the cash journals especially when the must be cancelled or changed. So I still (as then) think the best approach is to follow a similar process but to use Payments with Charges to the Bank InTransit accounts rather than a Cash Journal. I think that offers better control... but that's just my opinion.

This is the thread I was referring to

[https://sourceforge.net/forum/message.php?msg\\_id=4467580](https://sourceforge.net/forum/message.php?msg_id=4467580)

By: Red1 D. Oon (red1Project Admin) - 2007-12-20 18:41

So if this Cash Journal thingy is making Usman's workaround easier lets get hold of usman when we see him in irc. See what he thinks of the proposed resolution.

About Colin's using Payments rather than Cash Journal we need more education on that.

By: usman (usman88) - 2007-12-20 20:46

It will be nice to hv this useful feature, since bank transfer is a frequent transaction in real life implementation.

Here i try to give my 2 cents and hopefully can make it more sophisticated and easy to use :

1. Multi bank transfer cases such as 2 or more bank to 1 bank.
2. Can accomodate transfer fee.

By: Heng Sin (hengsinProject Admin) - 2007-12-20 21:49

I think it sounds good, lets put that into trunk and you should get more interesting feedback on this.

By: Steven Sackett (steven1001) - 2007-12-21 16:20

A bank Transfer facility would be a useful improvement. May I make some general observations about banks, payments, reconciliations and the like in the hope that the approach adopted in the new bank transfer procedure is consistent with what is in the application now but possibly not used in the same way by all users.

It is not clear to me why, to record a transfer between two banks where no actual cash was involved, the cash journal table is used rather than the payment table.

Compiere initially provided three ways (ignoring GL journals) for transactions to end up in the bank (or in transit) GL account:

- ..A Payment to/from a Vendor/Customer
- ..A Cash Book Journal Journal line using the bank transfer functionality
- ..A Bank Statement Line manually created and put to a Charge

About three years ago the Payment window was modified so that a Payment could be put directly to a Charge so that it was no longer necessary to enter Charges as a Bank Statement line. This was a big improvement.

For cash book to bank transfers I like the approach explained by Armen "In fact, I discourage the usage of Bank Account transfer in Cash Journal. For larger company, usually there are separate persons who handles cash and bank. They have to maintain their own transaction document, for example a cash-out and a bank-in. In Adempiere you create a cash journal, point to Fund in Transit charge and in AR Receipt you point to the same charge. Moreover, it also allows different date of transaction"

This approach to cash book transfers to the bank (and entering all Charges in the Payment window) means that ALL transactions which affect the bank can go through a single document type/table - PAYMENT. This is easier and more logical than having three sources of bank transaction entry. It means that you only have to go to one source document - Payment - to find ALL transactions that have affected the bank balance. Things like bank charges can be put to a generic BP called Bank or similar.

If inter-bank transfers are to be implemented in the core application it would, in my opinion for the reasons outlined above, be useful if the transfer process created two PAYMENTS, one in the sending bank and one in the receiving bank and optionally a third Payment if you want to pick up some bank charge at the same time. This would (still) mean that every transaction that affected that Bank and the GL account for that bank could be explained by a transaction in the Payment table.

[ps .. The above approach also allows a 'simple' bank reconciliation report to be produced from the accounting facts if you choose to do so since each Payment accounting fact will have an ID and each Bank Statement Line accounting fact reconciling that Payment will have a link to the Payment\_ID in the AllocationLine. A new column or virtual column called (say)'the Payment\_Rec\_ID could be populated by a CASE statement).

An accounting fact details type report for a Bank-in-Transit account from a new view which

- ...includes all trx with a Table of Payment or Allocation and;
- ...excludes all accounting facts where the sum of accounted amount, grouped by Payment\_Rec\_ID, is zero in the selected date range;
- will list the GL transactions for only those Payments that have not gone through the bank statement process.. ie a bank reconciliation report to any selected end date.

If the various transaction flags which cause things to be displayed or not displayed in the document related reports get in a mess it is nice to know that you can come back to a report that reconciles the actual values in the GL (even if your GL is in a different currency than your bank!). A report like the above is easier to create if all the transactions come from only two tables (and that new functionality does not break the report!).

You could use reporting approach described above but with additional 'reconcile' columns to produce:

- .. an AR/AP report showing which BP and invoices and part payments made up the GL balance of that AP/AR Control account at any date in the past.
- .. a report of the uncleared items in any Payment Selection or Unallocated Payment account, also at any date in the past.]



By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-12-24 13:18

I think we can call it "Instant Bank Transfer" based on Cash Journal as proposed.

And in future we could have a "Two-step Bank Transfer" based on Payments for bigger companies.

In my case as most of my transfers are immediate and from a saving to a check account - I need it to be immediate and is working ok.

By: Heng Sin (hengsinProject Admin) - 2007-12-24 18:22

The other way to look at this:

1. inter account transfer within the same bank.
  - this is usually immediate
2. inter bank transfer
  - this usually required separate bank reconciliation.
  - can be immediate ( less often )

I think both approach ( cash journal and payment ) can be useful to cater for different scenario.

By: Alejandro Falcone (afalcone) - 2007-12-26 04:30

Yes, there are 2 possible scenarios in bank transfers, as Low has pointed. The process that we've implemented just cover the first case (immediate).

I think the other case, very good summarized by Steven, could be implemented in the future.

## 2.7 *Avoid usage of clearing accounts*

### **Functional-Financials**

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-11-02 01:15

I think a development made for an Idalica project is worth to be trunkable.

It's about avoiding the usage of clearing accounts (configurable).

The development avoid the usage of the clearing accounts for:

- \* Bank in transit (B\_InTransit\_Acct) - customer wants to post directly to B\_Asset\_Acct
- \* Unallocated cash (B\_UnallocatedCash\_Acct) - customer wants to post directly to C\_Receivable\_Acct
- \* Payment select (B\_PaymentSelect\_Acct) - customer wants to post directly to V\_Liability\_Acct
- \* Inventory Clearing (P\_InventoryClearing\_Acct) - customer wants to post directly to NotInvoicedReceipts\_Acct (Payables)

The approach was totally configurable and compatible with current behavior.

It's simple - if the transit account is defined the same as the final account

(i.e. B\_InTransit\_Acct=B\_Asset\_Acct) then the posting is not done (in fact the posting is still done when necessary against the clearing accounts)

This preserves backward compatibility: if you define the clearing and final different the posting is still done.

What do you think - can we integrate this in trunk?

The development already passed testing phase.

By: Colin Rooney (croo) - 2007-11-02 03:13

I'm okay with any enhancement (especially optional ones) so long as it preserves the accounting standards which the application claims to support which is, I think, GAAP at this moment. I know there are other standards selectable in the Accounting Schema but I never saw any code based on this selection so I assume it's GAAP regardless of what is chosen there?

I believe GAAP is considered somewhat vague (and hence the move to IFRS by many) so perhaps there isn't a specific rule that can be pointed to to support any specific change. So what I mean is that us developers (or perhaps

even our customers) should not determine the standards but that someone with the right skills & experience should.

My own immediate reaction is that it looks like a step backwards towards the "quickbooks" type application aimed at (very) small business rather than step towards the middle enterprises. Perhaps I do not understand the intent or benefits. Maybe, it would be a good idea to explain the business reasons and how it's intended this functionality should be used rather than just the technical details?

But, as I say, the bottom line for me is so long as it is in keeping with the standards we claim to adhere to I have no objection.

By: Joel Stangeland (jssolutions) - 2007-11-02 08:21

Actually, there is some background on this one that is generally very interesting. Especially related to: "aimed at (very) small business rather than step towards the middle enterprises. "

The desire of the sponsor was to reduce the volume of transactions that they need to audit. They feel the enhancement can cut their transactions in about 1/2.

As part of their project, they brought in an Accounting consultant from one of the big three US Accounting Consultation firms to review Adempiere and their internal accounting practices. The consultant informed them that the clearing accounts match those used by SAP and what companies in the 25-50M USD/year range begin to migrate toward. Being toward the low end of that range, the consultant supported their desire to eliminate the clearing accounts.

He also mentioned that the clearing accounts support a greater internal separation of responsibility.

We suspect this option might be popular for companies in the 5-25M range, which is a good target for us.

By: Colin Rooney (croo) - 2007-11-02 08:46

Well that is indeed very interesting... I would feel much better about it knowing an (independant) professional of that area (i.e. an accountant) okay'd it! As I said I just didn't want us techies defining accounting rules :)

re: market segment

well I've only worked for firms like Nixdorf, AT&T, NCR, StorageTek ... and so on ... so my experience is nearly all in the (really) big business segment. So I will gladly concede on that point! :) It's just what I currently see in Adempiere is more in-line with my actual experience in these firms but the likes of what I saw when I look at say Quickbooks is more in line with what I learned of basic Accounting in school.

I don't suppose that audit by the consultancy could be made public? We could probably learn a lot from it!

By: Victor Pirez Juarez (vpj-cdProject Admin) - 2007-11-02 12:34

interesting point here, I worked with small and big enterprise as Philips, ITT Industries, Atos Origin in case the big enterprise the use of clearing accounts is normal and the accountant understand the reason this accounts.

but in small enterprise the an accounting created by a ERP as Adempiere do not is understand easy way, but it is a reason understandable the accounting man create your accounting using system local and this only let the entry the GL journal accounting, print a Balance Sheet , Trial Balance and Income Statement.

So the accountant uses his approach to generate the accounting fact, then when you said that the ERP will generate the accounting fact; The accountant is set in shock as i said "the accounting in ERP as ADempiere do not is understand easy way to small enterprise".

But clearing account have a reason being even more have only meet a standard, to me are very important when you implement the best business practice.

Clearing account allow to have a good control the business process, so for me each clearing accounts (Not Invoice Receipt, Inventory Clearing, Invoice Price Variance, Purchase Variance, Bank Transient, etc) show a point key the business process.

In my expertise when I give the explain of the points key the business process to clearing account then accountant understand and adopting the best practice :-).

in summary is necessary that accountant understand and adopting the accounting best practice the of the ERP if this do not is this way then my advice is that he continue with your current solution.

By: Colin Rooney (croo) - 2007-11-02 12:58

Well, as I said, from my personal experience I would tend to agree Victor but there are a couple of important & relevant points.

1) it's an optional Accounting schema setting.

So we can take it or leave it.

I think the "same account causing it to skip the posting" is clever programming but an error in the accounting schema setup (and with GL defaults at system/org/BP group/product Group/BP & Product that is a real possibility!) could lead to some unintended consequences. An explicit "I DON'T want to use clearing accounts" checkbox might be safer.

2) As with Joel, Carlos & yourself, I am not an accountant. But we have a certification (of sorts) from a "Big 3" accounting house stating that this is still GAAP compliant. Not that being from the "Big 3" is a cast iron guarantee -just ask those enron people :-)- but I am willing to accept that they know more about accounting and GAAP than me!

So while I wouldn't suggest it myself... taking those two points into account I'd lean towards saying "it's ok by me".

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-11-02 21:33

Well, I also try to explain customers the convenience of using best business practices, and that can include the usage of clearing accounts.

But is also true that in certain cases clearing accounts could be useless - i.e. suppose a company has as policy ALWAYS make payments through invoices - then the "Payment Select" account is useless - it will generate lots of movements where DB=CR - and it could add extra effort to read/conciliate financial reports, etc.

Finally I think a customer need is a customer need - if this accountant think it can rid of clearing accounts because of normalized business processes - then I think we can attend this need - without harm to accounting process.

Colin: That was my first thought to solve the problem, adding an explicit parameter "don't use clearing accounts" in accounting schema.

But, researching further we found that "clearing posting" must be used in some cases.

I.e.

99.9% of bank statement just post BankInTransit vs BankAsset with DB=CR

But when posting charges or interests - then the BankInTransit account still need to be used - so making BankInTransit explicitly equals to BankAsset make the trick perfectly without harm to accounting process.

I think is clearer this configuration/behavior than adding a parameter "don't use clearing accounts" when they still need to be used in some cases.

By: Colin Rooney (croo) - 2007-11-03 02:11

> we found that "clearing posting" must be used in some cases.

ok. That sounds reasonable... and flexible.

But I think I must not understand fully the enhancement then.

The accounts selected for posting is determined by the (many) GL defaults. right?

I first understood if you want to skip the clearing (intransit) post you, for example, set the default Bank-InTransit equal to that of the default Bank Account?

But how do you organise it so that some transactions posts to the intransit account anyway? surely the default is the same for all?

And do you know is this (from this customers experience) an exception that applies only to bank accounts or are there other examples of exceptions to the clearing use?

I'm not querying you implementation here... just trying to understand! :)

By: Heng Sin (hengsinProject Admin) - 2007-11-03 02:06

I think it is clearer to have a flag to set how should the system behave if clearing account set as the same as the final/actual posting account. As Colin pointed out rightly, this can also be a mistake by the user.

By: JHSolutions (mjhoff) - 2007-11-03 05:37

Good points on the discussion, glad to see people talking about it.

In regard to Low's point, I don't know that adding a flag really gives the user anything but a false sense of security. If they check the proposed flag but mistakenly set up their in-transit and assets to post to the same account, the net result is the same as if it didn't post at all. By suppressing the postings in these cases, it makes it more likely they will discover their mistake (absence of data in the GL) and they will have to change their configuration and re-post anyway. Whether they had the proposed box checked or not, mistakes will still be mistakes and require re-posting. I don't feel strongly that we shouldn't have a flag but I just don't know that it improves the situation significantly.

On Colin's question, you are right that the defaults guide everything. It is just that on these documents there might be individual charge lines that do not follow the default (i.e. Bank Interest or Fees on a Bank Statement Line). On those specific line items the charge posts against something different than Bank In Transit and needs to show up on the GL. So in that example, all of the other bank statement lines in the Bank Statement document post debit and credit to the same account and do not propagate to the GL, but the charge line would post correctly and not be suppressed just because it appears on a "clearing account" document.

By: Heng Sin (hengsinProject Admin) - 2007-11-03 07:58

I post that in a rush and may have not explain my suggestion clearly. What I'm suggesting is a flag to set it as a company policy - whether the user can set a clearing account the same as the final/actual posting account. I believe either way should be a company accounting policy instead of some ad hoc decisions.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-11-03 09:53

First of all please don't feel like I'm defending my position, just trying to get the best solution.

I don't see the value added of such flag - normally I'm always pro flags to allow configuration and flexibilization of behavior of Adempiere.

But in this case having the flag set or not, the net result on the accounting is exactly the same.

I don't think a posting with the same DB and CR data is useful for accounting.

And as Joel H pointed - accounting in Adempiere has a great advantage, you can delete and repost every time you want.

By: Tommy Fan (tommyfan2000) - 2007-11-03 22:53

I think this is a common request for smaller company.

As long as it's backward compatible, configurable through acct schema, and allow to be re posted, +1 for trunk.

By: Colin Rooney (croo) - 2007-11-04 01:45

Ok thanks for the feed back Joel(H) & Carlos. I'm really not trying to be awkward just to make sure I understand.

So just to be sure I understand...

The general documents processing within system remains the same for the user, but just the GL posting changes?

So if , for example, we receive a check from a customer. We create an AR Payment from the customer. This would under normal circumstances result in

Checking Intransit DR

Unallocated Receipts CR.

But now it would (assuming all the clearing accounts are set the same) be:

Checking Account DR (only because we set defaults Bank Intransit = Bank Asset)

Unallocated Receipts CR (as this clearing account is not one covered by the new functionality)

As the Unallocated Receipts is not a clearing account covered by this enhancement it continues as per usual.

When it comes the Bank Reconciliation (Bank Statement).

You still enter the payment on the Bank Statement and reconcile with the actual bank statement as per usual.

The GL transactions would normally be

Checking Intransit CR

Checking Account DR

But now there are none. And this is the purpose of the change... right?

Is the monetary value taken into account as well as the account numbers?

So for example if the payment was 100 USD but there was check processing fee of 10 cents.

So under normal system we'd get

Checking InTransit CR 100

Checking Account DR 99.90

Bank Charges DR 0.10

what would post in the new scenario?

Bank Charges DR 0.10?

If it was I guess we'd really we need an additional

Checking Account CR 0.10 (to balance that ... or not?)

But this is why I ask about the monetary value.

If we posted the check cost separately, it would produce

Checking Account CR 0.10

Bank Charges DR 0.10

On it own which is correct.

But if it's combined as one statement line (as it can be) is this also the result? We have 3 postings

1) Bank Asset

2) Bank Intransit

3) Bank Charge

But only the two accounts as the Bank Asset & Bank Intransit are they same.

But while the two posts to Bank Asset & Bank Intransit go to the same account, they do not balance.

I guess the question I'm asking myself is there a special way this must be used in order to get the correctly results?

Not just this example but in general. And is there situations when it could cause incorrect postings!? I've only looked at this one transaction so far as I'm 100% sure I fully understand ... sorry for that! :(

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-11-04 11:10

Hi Colin, no problem at all - it's good to discuss clearly and deeply before integrating something in trunk.

I find this discussion valuable - it will serve as future reference for those trying to understand this new behavior.

Explaining in other words:

I didn't change nothing on the posting of default accounts.

These two pages:

[http://adempiere.com/wiki/index.php/ADempiere\\_Accounting](http://adempiere.com/wiki/index.php/ADempiere_Accounting)

[http://adempiere.com/wiki/index.php/Default\\_Accounts\\_Usage](http://adempiere.com/wiki/index.php/Default_Accounts_Usage)

are exactly the same - nothing changed there - all accounting keeps posting exactly the same.

What I did is to avoid useless posting on those movements implying clearing accounts.

Your example is perfect to show the situation.

So for example if the payment was 100 USD but there was check processing fee of 10 cents.

So under normal system we'd get

Checking InTransit CR 100

Checking Account DR 99.90

Bank Charges DR 0.10

Let's put accounts to the example:

SCENARIO 1 - Current behavior:

Checking Account -> 11100

Checking InTransit -> 11110

Bank Charges -> 70200

(this is default in GardenWorld)

Then the posting will be exactly as currently is:

11100 DR 100.00

11110 CR 99.90

70200 CR 0.10

SCENARIO 2 - If checking in transit = checking account

Suppose then you configure your accounts this way:

Checking Account -> 11100

Checking InTransit -> 11100 (this is the change - intransit = checking account)

Bank Charges ->

70200

Then the program do something like:

11100 DR 0.10

70200 CR 0.10

The program will know that the movement

11100 DR 99.90

11100 CR 99.90

is useless and avoid such posting

but still post anything that is useful and needed

> And is there situations when it could cause

> incorrect postings!?

At least in my changes I think it won't post incorrectly - it's just dropping the useless postings with equal values.

But obviously it could be bugs in my implementation, and obviously I'll try to review bugs you find - AFAIK the customer is testing thoroughly and still haven't broken this.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-11-27 23:17

Implemented this new feature in trunk with revision 3780 - added the column suggested by Heng Sin.

Tracker opened

[http://sourceforge.net/tracker/index.php?func=detail&aid=1840016&group\\_id=176962&atid=879335](http://sourceforge.net/tracker/index.php?func=detail&aid=1840016&group_id=176962&atid=879335)

[ 1840016 ] Avoid usage of clearing accounts

In the tracker I also uploaded a .doc file to show the effect of the change and showing the scripts to test it with GardenWorld.

By: Anh Han (anhhn) - 2007-12-22 01:19

I tested 3.3.1b, it worked if there is no foreign currency involved. But if there is gain/loss on forex diff. then the system doesn't operate as expected. See the following scenario:

Home currency is VND

1. Create AP Invoice in USD (1USD, exchange rate = 16030)

Accounting

Debit ABC Account 16030

Credit AP 16030

2. Change exchange rate to 16050

3. Create payment in USD (1 USD)  
Debit AP 16050  
Credit Cash/Bank 16050

4. Allocate payment to invoice

5. View Allocation, there should be DR (Loss on forex diff) CR AP of 20VND, but there is no posting

View Business Partner Info, "Open Balance" is correct (0)  
View AP Account, there is balance of 20VND, which is incorrect.

## 2.8 *Tip How you can create a return without RMA*

### **Functional-ERP**

By: Victor Párez Juárez (vpj-cdProject Admin) - 2007-03-27 09:33

If you need create a return without use RMA (this functionality is alpha in ADempiere) please follow the next step:

1.- Create a new Document Type in Performance Analysis -> Account Rule -> Document Type.

Set

Name: Customer Returns

Print Text: Customer Returns

GL Category : Material Managements

Create new Document Sequence to returns.

Document Base Type : Material Receipt (Is very important set this)

2.- Create the Return in Quote to Invoice -> Shipments -> Shipment (Customer) here are next step:

Create new record use icon of new.

Entry the sales order, when you set the sales order all the field are fill.

Select the new Document Type Customer Returns, now you can see that movement type is set as Customer Returns

Go Shipment Line and select the Sales Order line that you want return

Set qty to return

Complete the return.

3.- Print you document to your return.

I hope is small tutorial can be useful.

By: moyses (moyses) - 2007-03-27 09:44

The problem with this approach is the accounting details. It should use the cost of goods account and it uses another one.

Any suggestion about how to solve it?

By: Colin Rooney (croo) - 2007-03-27 11:36

Moyses is correct. This will create a GL transactions for a Account Payable receipt.

The only way I found to reproduce what is required for a customer return is a negative order. And an order of type "Credit Order" to auto generate the shipment & (negative) Invoice is best to ensure they do not get caught up in any consolidated generation of invoices & shipments.

By: SCalderon (scalderon) - 2007-03-27 16:12

it would be great to have a patch so convert negative amounts to positive amounts in order to create a credit memo as final document of the sales order. In El Salvador the credit memo is an official document which must be imprinted and handed to the client and unfortunately the client would not accept an invoice with negative amount, even it is



explained in the document note.

By: Armen (armenrz) - 2007-03-27 19:59

Two workarounds:

1. Add isReturnDoc (Yes-No type) to C\_DocType.
2. Create Customer Return as Material Delivery. Set isReturnDoc to Y
3. Modify codes to set correct MovementType (CalloutInout, MInOut)

examples:

```
if (rs.getString("IsReturnDoc").equals("Y"))  
mTab.setValue("MovementType", "C+"); // Customer Returns  
else  
mTab.setValue("MovementType", "C-"); // Customer Shipments
```

This is what we've done all this time.

or alternative...

use Victor suggestion and hack around Doc\_Inout to make it post like Material Delivery.

By: Colin Rooney (croo) - 2007-03-28 02:56

I haven't tried it ... but if this is simply a presentation issue could you not create virtual columns that simply multiply the negative values by -1. Then use these new columns on a special "Invoice" Print Format .. and replacing the Invoice DocType Name (i.e. Invoice) with static text for Credit Memo ???  
just a thought for a short term solution

By: Joel Stangeland (jssolutions) - 2007-03-27 22:19

I wonder if you would help enhance the requirements for the RMA development  
(<http://www.adempiere.com/wiki/index.php/RMA>) with the information that you have?

By: Armen (armenrz) - 2007-03-29 02:11

The existing requirements already looks good.

What we did in the past is pretty simple. We use Return Material document (SO subtype) which will generate Customer Return receipt (see my previous post) and AR Credit Memo. We add two columns in C\_Order, reference to original Shipment and Invoice. These column will be used for validating Products to be returned (along with theirs Attribute Set Instance and Qty) and for looking up price in original invoice.

Now concerning costing, when Customer Return receipt is posted, it just debit Product Asset and credit COGS. Does it also require to recalculate the current cost price ? Any comments ?

By: Colin Rooney (croo) - 2007-04-14 07:32

>> when Customer Return receipt is posted...

>> Does it also require to recalculate the current cost price?

My thoughts on that would be...

If the returned good are to be scrapped then that could be considered, in some circumstances an additional cost? Much like a Landed Cost.

If for example, you use average costing and purchase 1000 items for \$1000. Then the average cost is \$1; but if 5 are scrapped (and you are not reimbursed) then the average cost is really 1000/995. But this would apply equally for goods scrapped at a initial receipt. I've never tested what happens to costs in such a scenario. I assume the MCost record is created for 995 items and not the 1000 items.

If these 995 items are then shipped to a customer and who in turn returns 5 which are then scrapped... is the avg cost not now 1000/900?

If the goods are undamaged and return to stock obviously there is no impact on cost.

And, if they are returned to the vendor & replaced ... well then I have some more thinking to do :)

By: Red1 D. Oon (red1Project Admin) - 2007-04-30 23:44



Do we expect the code to take care of so many of such scenarios? Why not have an exit method, such as we just do conventional accounts adjustments? It makes life easy for the lay accountant who understand accounts more than codes. (means life easy for me - a pseudo techie / layman)

By: kstan (kstan\_79) - 2007-12-16 20:31

I found red1 point up a good point, I extend what his ideal a bit. The easiest step is we can setup and trigger during user post the data, before update the table, it will analyze document type and modify the destination account like sales (-ve credit) to sales return (+ debit). It save alot of code, reduce a lot of bugs, and straight forward. For those familiar in the accounting part I guess they can complete the RMA within 1 day(Unfortunately I'm don't know it :().

Personally I'd use this method to generate documentno in m\_transaction table, it working well.

By: Lakshminarayana (nlakshmi) - 2007-12-16 18:58

Victor,

I followed the steps suggested by you by creating the new Doc type 'Customer Returns'. I could create the Return shipment to the customer. But when I complete the return shipment, the returned material is not showing up in the inventory (stock). Could you please suggest what other steps I need to perform in order to see the material in the Stock/inventory?

Thanks in advance.

By: Armen (armenrz) - 2007-12-18 21:08

Hi Laskhmi,

This is a die hard requirement. We have a workaround for that for years without RMA. The modification in Doc\_InOut has been in trunk. But there's more. You need to modify MINout.java in two places.

```
1. public MInOut (MOrder order, int C_DocTypeShipment_ID, Timestamp movementDate)
```

```
String MovementType = null;
if (C_DocTypeShipment_ID == 0)
    C_DocTypeShipment_ID = DB.getSQLValue(null,
    "SELECT C_DocTypeShipment_ID FROM C_DocType WHERE C_DocType_ID=?",
    order.getC_DocType_ID());
setC_DocType_ID (C_DocTypeShipment_ID);
```

```
MDocType dt = new MDocType(order.getCtx(), C_DocTypeShipment_ID, order.get_TrxName());
if (dt.getDocBaseType().equals(MDocType.DOCBASETYPE_MaterialDelivery))
    MovementType = dt.isSOTrx() ? MOVEMENTTYPE_CustomerShipment :
MOVEMENTTYPE_VendorReturns;
else if (dt.getDocBaseType().equals(MDocType.DOCBASETYPE_MaterialReceipt))
    MovementType = dt.isSOTrx() ? MOVEMENTTYPE_CustomerReturns :
MOVEMENTTYPE_VendorReceipts;
setMovementType (MovementType);
```

```
2.public static MInOut copyFrom (MInOut from, Timestamp dateDoc,
int C_DocType_ID, boolean isSOTrx, boolean counter, String trxName, boolean setOrder)
```

```
if (counter)
// MZ (Goodwill)
{
/* old:
* to.setMovementType (isSOTrx ? MOVEMENTTYPE_CustomerShipment :
MOVEMENTTYPE_VendorReceipts);
* New :
*/
// There are additional Movement Type for MInOut besides Customer Shipment and Vendor Receipt
String MovementType = null;
if (from.getMovementType().equals(MOVEMENTTYPE_CustomerShipment))
```

```

MovementType = MOVEMENTTYPE_CustomerReturns;
else if (from.getMovementType().equals(MOVEMENTTYPE_VendorReceipts))
MovementType = MOVEMENTTYPE_VendorReturns;
else if (from.getMovementType().equals(MOVEMENTTYPE_CustomerReturns))
MovementType = MOVEMENTTYPE_CustomerShipment;
else if (from.getMovementType().equals(MOVEMENTTYPE_VendorReturns))
MovementType = MOVEMENTTYPE_VendorReceipts;
to.setMovementType (MovementType);
}

```

By: SCalderon (scalderon) - 2007-12-25 09:28

I had to face the scenario, that my client receives products with run-out guarantee date and sends them to the vendor. The value of this products in the inventory account must be the value of the old invoices(client invoice and vendor invoice).

We couldn't import all invoices of the last 3 years.(It will take about 1.5 years until he can use RMA for this return material).

I solved it with a new documentbasetype "receipt material runout products", which does not influence the costing.

The shipment to the vendor is a negative material receipt, so that with the matching invoice document the posting is correct.

Based on the material receipt documents I use "Generate invoice from receipt" with the document types AR Credit Memo and AP Credit Memo.

It's a little bit complicated but it works, as for inventory in stock and for the accounting.

For return Materials without invoice, but not with run out guarantee date, I created a document type "Order-Return material" with the corresponding shipment and credit memo and negated the amounts for this kind of shipment.

## 2.9 Adempiere Setup GUI Wizard

### Bazaar Open Discussion

By: xiaomj (xiaomj) - 2007-12-24 18:42

I'm have been developed a adempiere setup gui wizard.

[http://www.adempiere.com/wiki/index.php/Adempiere\\_Setup\\_GUI\\_Wizard](http://www.adempiere.com/wiki/index.php/Adempiere_Setup_GUI_Wizard), How to do i upload?

By: xiaomj (xiaomj) - 2007-12-24 18:45

Sorry, URL: [http://www.adempiere.com/wiki/index.php/Adempiere\\_Setup\\_GUI\\_Wizard](http://www.adempiere.com/wiki/index.php/Adempiere_Setup_GUI_Wizard)

By: Heng Sin (hengsinProject Admin) - 2007-12-24 20:05

you can upload it to the contribution tracker - [https://sourceforge.net/tracker/?group\\_id=176962&atid=883808](https://sourceforge.net/tracker/?group_id=176962&atid=883808)

By: xiaomj (xiaomj) - 2007-12-25 01:29

traker has limits~

Download url: <http://groups.google.com/group/adempiere-china/files>

Your GUI wizard is very interesting. Pls give me more info about yourself (or just update your wiki user page) so that i can publish about this works.

By: xiaomj (xiaomj) - 2007-12-25 01:33

GUI wizard need to many tests~~, i already test it for fedora(oracleXE/pg)

Download URL: <http://groups.google.com/group/adempiere-china/files>

Wizard target:

New Install

## Migration Upgrade

By: Heng Sin (hengsinProject Admin) - 2007-12-25 01:54

This is a very nice enhancement indeed. However, the netbean wizard library dependency is a little bit on the heavy side, would it be possible to do this using the swinglab wizard library instead ?

By: xiaomj (xiaomj) - 2007-12-25 04:00

Netbeans Wizard library minimize only 220K, The Netbeans Wizard project is a subproject of SwingLabs, also swinglab wizard library!

<http://today.java.net/pub/a/today/2006/02/28/using-wizard-api.html>

### 2.10 Source Code Nightmare

#### Developers

By: mario\_cal (mar\_cal\_westf) - 2007-12-21 09:31

this post concerns the integral managing of source code in ADempiere projects.

In the following, I do not consider internal ADempiere issues like AD numbering, I only concentrate in sources.

When we develop in ADempiere, we have to deal with two sides

1.- On the one side, we have the repository (SVN right now)

Here we have different Versions of ADempiere (i.e. 3.3.0, 3.3.1t, 3.4.0 ,etc).

Within each version we have different revisions.

2.- On the other side, we have our local developing environments

Here we have to deal with different developers.

We have also different customers who have implementations of different Versions/Revisions.

We have to manage both sides.

Which would be the ideal solution? That all common files in repository and locally were the same for the different Versions/Revisions. I would like to be able to choose from repository Version/Revision to download and in my location to choose "Adempiere 331t Revision nnn for customer X" or "ADempiere 3.4.0 Revision mmm for customer y".

Locally, the task can be done with different tools. I must admit that I only know "Visual Source Safe" from you-know-who, which is by the way a good tool.

With just one customer and a single trunk version, it is no great difficulty managing the sources. But now with the arrival of ADempiere/Libero, we face another dimension.

I would like to start a discussion of how to manage correctly this situation: how is it solved to-day and how can we make an ideal approach with present tools.

It is still early enough: we do not have many Versions/Revisions and the amount of our customers can be still counted with our (right? left?) hand, but if our dreams come true, there will be more and then must have solve this issue or will end up in a mess. Maybe we can not solve everything right now, but keep an eye on it.

I read in <http://bazaar-vcs.org> that there is a new way of organizing the repository. I will analyze it and tell you what I think about it.

I invite you to share your experiences, concerns, fears about this very important issue.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-12-21 12:10

I will be glad to know your results from the research. I also have read about this VCS, but i had time to research it.

Regarding your main question:

Most important for me is to know very clearly what is changed in for given client or given customization. This

includes source code changes and AD changes.

So generally i store source code changes and AD changes as new project in Eclipse and new location in SVN/CVS Server.

Something which is very important for me is to distinguish between customer specific change and general change which can enter into core Adempiere product. Even if change do not enter into core it can be applied to other client.

Something which is very important for me is to know what are AD changes and to be able to transfer them from development machine to test server and after that to production server.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-12-24 13:14

[http://en.wikiversity.org/wiki/Adempiere\\_Technical\\_Training#Project\\_Customization\\_Management\\_Hints](http://en.wikiversity.org/wiki/Adempiere_Technical_Training#Project_Customization_Management_Hints)

Summarizing:

- You must not touch core classes (adempiere320)
- You open a project for patches (patches\_321)
- You open a project for your customizations (this is where you touch code)

There are more tips in the wikiversity page.

Now, that's to manage sources, and is working very well in my case (following more than 10 projects this way). The worst problem now is how to manage developers distributed and working in different development database instances.

Currently there is no a easy way to do this - the hardest part is to manage the dictionary ID's for the customizations.

I'm trying to make it work via the same proposal described here:

[http://adempiere.com/wiki/index.php/Centralized\\_ID\\_Management](http://adempiere.com/wiki/index.php/Centralized_ID_Management)

but for projects. Currently my approach for dictionary ID's is:

- < 50000 Compiere
- < 1000000 Adempiere
- < 2000000 Project customizations before the approach started
- < 5000000 Project customizations centralized with new approach
- >= 5000000 Customer customizations

This is achieved updating all sequences for dictionary tables to start in 5000000

And configuring a website to provide the IDs for the project starting in 2000000

All developers must get the project IDs from the website

And create migration scripts with the tool described in

[http://adempiere.com/wiki/index.php/Generating\\_Migration\\_Scripts](http://adempiere.com/wiki/index.php/Generating_Migration_Scripts)

It's not perfect, and sure it can be enhanced A LOT, and sure it can work maybe better with a different approach (lot of work needed).

The important by this moment for me is it's working.

## **2.11 Customize Application Dictionary**

### **Developers**

By: thangtd (thang\_mlitt) - 2007-12-17 18:55

I'm a new adempiere's developer. I want to use application dictionary for customize screen but i dont know how can i do. Any friend can help me do it or show me where can i find the document for it. Thanks all for your help.

By: sharmendra (sharmendra) - 2007-12-17 19:37

you can find some sorts of customization information in the following link

<http://www.adempiere.com/wiki/index.php/Tutorials>

By: thangtd (thang\_mlitt) - 2007-12-24 20:57

Thanks so much my friends

## 2.12 *Where is Login form defined?*

### **Developers**

By: sanyasi (sanyasi) - 2007-12-26 02:55

I want to know where is the Adempiere login form available? Is it a form or a window and where it is located?

By: Alejandro Falcone (afalcone) - 2007-12-26 03:38

Take a look into \client\src\org\compiere\apps\

There you'll find the proper classes, for example: ALogin, ALoginRes\_xx (where xx is the prefix from the languages, like \_ru\_in\_fr\_ro, etc)

## 2.13 *Quality Management Module*

### **Functional-ERP**

By: reda.sultan@gmail.com (reda\_sultan) - 2007-12-13 22:14

I would like to recommend the following structure for Quality Management

Functions in QM Application Components -

- Quality Planning
- Quality Inspection
- Quality Control
- Quality Certificates
- Quality Notifications
- Test Equipment Management

Quality Planning - Creating and Managing the Master data that is required to plan and execute quality inspections. It has basic data for Quality Management. The term "Quality Planning" covers inspection planning and its relevant basic data. General master data (for example, material master, batch data, vendor master records) QM specific master data (for example, master inspection characteristics, inspection methods, sampling procedures) Inspection planning functions (for example, inspection plan, material specification)

Quality Inspection - Determines whether the units inspected fulfill the predefined quality requirements. QM supports diverse variants for quality inspections. QM supports a range of inspection processing variants that are differentiated using the inspection type. Inspection lot processing (from creation to completion) Results recording Defects recording Sample management Interfaces to subsystems (such as QM-IDI- allows the transfer of measurement data, using a keyboard wedge)

Quality Control - Implementing different preventive, monitoring and corrective activities. These activities will be based on the specifications from quality planning and the evaluations of quality inspections and quality notifications. Dynamic modification of the inspection scope Statistical process control (SPC; control charts, results history) Quality scores (cp value, cpk value) Vendor evaluation Quality-related costs Evaluations

Quality Certificates - Certifying the quality of the material or Product. Quality Certificates contain texts, specifications, values and inspection results. Certificate of conformity Works test certificate Certificate of analysis

Quality Notifications - Recording and processing internal or external problems that are primarily caused by poor quality of goods or services. • Defect Analysis • Customer Complaint • Complaint against Vendor • Documentation

Test Equipment Management - Managing Master data as well as the planning and processing calibration inspections for test and measurement equipment. Creation and management of test equipment master data Calibration planning functions (for example, definition of calibration cycles) Calibration inspection functions (for

example, inspection specifications) Calibration inspection processing and Test equipment tracking

[edit]Benefits of QM -

Manages quality information for materials, vendors and manufacturers.

Manages the inventory of goods during the inspection and takes the goods being inspected into account for materials planning purposes.

Monitors the shelf-life of batches and the deadline for recurring inspections.

Manages quality inspections for manufacturing orders.

Manages problems in production using quality notifications and by processing corrective tasks.

Manages problems in sales & distribution with the help of quality notifications and by processing customer complaints.

Retrieved from "[http://www.adempiere.com/wiki/index.php/Talk:ADempiere\\_3.5](http://www.adempiere.com/wiki/index.php/Talk:ADempiere_3.5)"

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-12-13 23:08

Interesting post and proposal.

Thank you for contributing it.

Could you collaborate more on the Quality Management module and describe in more details for tables and columns which need to be created?

Some link and more information on the subject would be good.

Do you have users/customers who need such functionality?

Could they define more info regarding requirements from their point to view?

By: reda.sultan@gmail.com (reda\_sultan) - 2007-12-25 02:07

I would like to send to you some documentation related to the above subject [ADempiere Quality Management Module] which contained word, Visio and excel formats. Please send me your e-mail so I can send you the documents. My e-mail is [reda.sultan@gmail.com].

## **2.14 Keep parameter window open after view report**

### **Bazaar Open Discussion**

By: kstan (kstan\_79) - 2007-12-23 09:22

Due to my users complain they need to keep re-open same report & re-input all the parameter, it consume a lot of their time. I'm digging the java source code about few hours, finally I figure out a way to keep the process (parameter) windows remain open. below is how i do it.

1. edit client/src/org/compiere/apps/ProcessDialog.java
2. go to line ~98, add this code 'private CCheckBox cReprosess = new CCheckBox();' //we need it decide whether we want it remain open.
3. Goto line ~162, add following code (to display it and checked it by default)  
cReprosess.setText("Keep window.");  
cReprosess.setSelected(true);  
southPanel.add(cReprosess,null);

4. Go to line ~355, change from

```
if (m_IsReport && !pi.isError())  
bOK.doClick();
```

```
// If the process is a silent one and no errors ocured, close the dialog
```

```

if(m_ShowHelp != null && m_ShowHelp.equals("S"))
bOK.doClick();

to

if(cReprocess.isSelected()){
bOK.setText(Msg.getMsg(Env.getCtx(), "Start"));
}
else
{
//
afterProcessTask();
// Close automatically
if (m_IsReport && !pi.isError())
bOK.doClick();

// If the process is a silent one and no errors occurred, close the dialog
if(m_ShowHelp != null && m_ShowHelp.equals("S"))
bOK.doClick();
}

```

5. Test your report (so far I'd test with standard report & jasper report)

\* I test press 'complete' at sales order windows, seem like the check box won't display.

\* This method need some improvement, because it display the check box at both report & process, you'd been warn.

## 2.15 Bank need own account element?

### Bazaar Open Discussion

By: kstan (kstan\_79) - 2007-12-19 06:35

Since we no need to create account element for business partner, so I have additional query:

1. how about the bank account? we need to create account element for each bank?
2. if no need, how we can separate between saving & checking account?
3. If we need to create account individually, we need to create 12 account element for individual bank account?

By: albert (albertachen) - 2007-12-19 15:51

Yes, you need 12 need to create 12 account element for individual bank account!!

I thnink,Why Adempiere no one answer your question,cause most of Adempiere/Compiere Guy, Except me, no one use Adempiere/Compiere for (YNSE) Listed Company....

Skype: Adempiere

By: mario\_cal (mar\_cal\_westf) - 2007-12-20 06:20

THE ANSWER

Definetely yes. In ADempiere, you must list every bank in your Chart of Accounts.

THE EXPLANATION

The documentation of the accounting movements occurs in the FaccAcct table, where besides the charges (debit/credit) the BP, Product, Project etc. are documented. A bank is missing. So you have to go to the bank's account to gain that information. It is only right that Factacct has no bank, because the transactions are not a business relation.

If the relationship to your bank is only financial transactions, you do not need to list it as BP, since you just use the bank as a transaction channel.

Of course, if your bank charges you with interest rates, or whatsoever, you must create it as a BP. There you can use a common account for the business transactions. Nevertheless, for the financial transactions (even the ones you do with that bank) you must have the mentioned account.

By: kstan (kstan\_79) - 2007-12-23 16:05

thanks for the reply,

however, I wonder why we cannot simply create 12 account combination at bank->accounting windows(Example, HQ-11100--PBB001)? It's a bit waste time for my users to individually create 12 new account element and link back to the bank(It is very common 1 company use than 3-5 bank account).

By: Colin Rooney (croo) - 2007-12-23 16:28

If need be you can create accounts for each bank account but there is no technical obligation to create one each. You can do pretty much as you like, and in such questions I would recommend asking your accountant!

By: Armen (armenrz) - 2007-12-23 18:54

As Colin say, you don't have to. Some accountants like to create each account for bank just for clarity identifying them. Yes, it makes your work harder because some companies sometimes have more than 5 accounts.

To answer your question, you can't because Bank is not one of the accounting dimension like BPartner.

By: albert (albertachen) - 2007-12-23 21:21

Dear non-controller in site user:

It's a bit waste time for my users to individually create 12 new account element and link back to the bank(It is very common 1 company use than 3-5 bank account).

Why you waste time apply a lot of Bank Account ??

ERP is control system Not focus for your staff easy do to only ??

Our listed Company over 50 Bank Account,

before add one bank account we need apply procedure than your Key-in only..

By: kstan (kstan\_79) - 2007-12-24 09:42

Thanks everybody, I get the point now.

1 more query, after what is the purpose of the accounting combination, if I'm not mistaken it is use for partition the account (like AR-Trade) to difference bpartner/products?

However I can't find a report/windows special display the transaction under particular combination. Any comment about it?

## **2.16 Java Web Start in Adempiere 331b**

### **Bazaar Open Discussions**

By: Chris Farley (northernbrewer) - 2007-12-21 14:18

The process usually goes like this:

I pull adempiere in from subversion. I stop the server (RUN\_Server2Stop.sh), build it (RUN\_build.sh) and set it up (RUN\_Setup.sh). When I'm done I restart the server (RUN\_Server2.sh).

The next time my various Adempiere clients (running on Windows, OS X and Linux) are restarted, they recognize that I have upgraded the software, and download the newest, latest version of Adempiere. If I make a change and recompile Adempiere, I go through the above build process, and all the clients get the new, modified code.

Well, after upgrading to 331b, all my clients got the initial upgrade. Then I made some further modifications, bug fixes, etc. When I rebuild, my clients do *\*not\** recognize that there is a new version on the server, and they running keep the old, buggy version.



I was able to fix this problem by deleting the contents of jboss/server/adempiere/deploy before rebuilding Adempiere.

I don't know why this is now necessary, but I thought I'd let somebody know!

## 2.17 *Post button is invisible*

### Developers

By: sharmendra (sharmendra) - 2007-12-07 00:29

In sales Order window, The "Post" button is not visible when i tried to post the transaction.  
Can anyone tell how to correct this?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-12-07 00:36

Sales Order is control document.

User do not need to post anything into Account journal.

By: Colin Rooney (croo) - 2007-12-07 01:05

The post button is only visible if you user has Show Accounts enabled.

BUT, as Trifon says you \*normally\* don't need to manually post anything as the server running the background Accounting Processor should do this. It is handy for testing ok.

One other thing, you mentioned posting for Sales Order but there is normally no accounting postings related to a sales order (unless you are using commitment accounting & Carlos' new functionality - but that is generally only used but government agency types).

By: parveen (parveen\_lukha) - 2007-12-20 21:27

i think that problem of post button can be just minor

you said that you created sales order but please check

if you have created any order line(in order line tab of sales order) by selecting product and quantity.then save it now go to order tab in same window and click complete. then it will change complete button to close button and 'Not posted button will be visible then click that button.

i hope this information will help you to sort out your problem.

## 2.18 *Migrating data from AD 3.2 to multiple AD 3.3*

### Help

By: Daniel Žalar (danizmax) - 2007-12-21 04:45

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.

By: karsten-thiemann (kthiemann) - 2007-12-21 05:01

- 1a. follow the instructions to migrate from 3.2 to 3.3.1
  - 1b. <http://adempiere.com/wiki/index.php/Migration/DDLUtills> - 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 :)

## 2.19 *Bizarre subversion checkout error*

### Developers

By: William G. Heath (wght) - 2007-10-31 12:27

When I execute the following command:

```
libero10_31_2007_dev:~/work# svn checkout https://adempiere.svn.sourceforge.net/svnroot/adempiere/trunk  
adempiere
```

I get this weird error:

```
A adempiere/extend/.project  
svn: REPORT request failed on '/svnroot/adempiere!/svn/vcc/default'  
svn: REPORT of '/svnroot/adempiere!/svn/vcc/default': Could not read chunk delimiter: Secure connection  
truncated (https://adempiere.svn.sourceforge.net)
```

Anyone know how to fix this?

By: Teo Sarca (teo\_sarca) - 2007-10-31 14:21

When i work with sourceforge's svn server, sometimes i get strange errors too. My solution was to try again ;)

By: george (georgemaliakal) - 2007-12-20 02:21

Are you accessing the Internet through a Proxy Server.

The Proxy Server Usually blocks various protocols by default such as :  
PROPFIND, REPORT, MERGE, MKACTIVITY, CHECKOUT.

Try to access through a direct net connection or try with different connection.

By: Colin Rooney (croo) - 2007-12-20 05:58

I remember last year this was very common. At the time I did some investigation and just going from memory I think it was a sourceforge/svn issue related to not enough processing power for their servers. Then SF changed their server configuration and it improved dramatically until it happens much more rarely.

At the time the fix was to do a clean & update... so I think Teo's advice is best here ... just try again! :)

## 2.20 *Attachment Unix Path*

### Developers

By: m\_\_j (m\_\_j) - 2007-12-20 02:40

i'm trying to store attachments on the adempiere server but i'm getting only null pointer exceptions. these are related to the path. because i'm running the adempiere client on windows adempiere wants to work with the windows path which i didn't configure, of course. so what can i do? is this behavior wanted?

btw what is the correct way to write this path, maybe /usr/Adempiere/attachments/ is ok?

By: karsten-thiemann (kthiemann) - 2007-12-20 02:53

the attachments are stored and loaded by the client so the client (every client) needs a direct access to the folder.

You need to install samba or a similar solution.

By: m\_\_j (m\_\_j) - 2007-12-20 04:29

thanks, this works so far, but access to our network drive is restricted. so, for this to work the user has to access the drive by inserting user/password prior to using the attachment function of adempiere. is there a way that this is handled by adempiere itself?

By: karsten-thiemann (kthiemann) - 2007-12-20 04:42

no it's not handled by ADempiere - sorry for that since I did this enhancement ;-)

Please take a look at `org.compiere.model.MAttachment (initAttachmentStoreDetails() and the loadLOBData(), saveLOBData())` - here you could add those functionality.

By: Colin Rooney (croo) - 2007-12-20 04:51

the attachments could be stored in the DB in a scenario such as this though, right?

By: karsten-thiemann (kthiemann) - 2007-12-20 04:58

sure they can.

By: Colin Rooney (croo) - 2007-12-20 05:03

Thanks for the confirmation Karsten!

Just thought I'd add that in case others reading the thread thought a windows client must always store the attachment locally. :)

## **2.21 Eclipse UI Builder Plugin**

### **Developers**

By: karsten-thiemann (kthiemann) - 2007-12-18 07:08

I was looking for a ui editor plugin for eclipse (to build custom forms in an easy way) and found this announcement:

<http://www.instantiations.com/company/opensource.html>

They provide free licenses for committers who are working on non-commercial open source projects. What do you think about it?

Here is a review of the plugin:

<http://www.eclipsezone.com/eclipse/forums/t92712.ht>

## **2.22 Postgres database diff for libero migration**

### **Developers**

By: William G. Heath (wght) - 2007-12-17 12:01

The libero branch is making headway! Special thanks to Tony and Victor of course. I am trying to speed things up. The immediate need is for a way to do a database diff on two postgres dumps, one before the libero 2pack import and one after. This would produce the migration script needed so that 2pack is no longer needed to install libero. I have heard that Carlos has such a tool. My request is that if anyone has such a tool that they assist the libero project and allow me to send them the two database dumps so a database diff can be generated. Can anyone assist with this critical need?

By: Ngigi Waithaka (ngigiwaithaka) - 2007-12-17 12:27

I use the EMS Studio which has excellent features for comparing databases. You could download the 30 day trial

to compare the two databases.

On a related note, I have been trying to import the Libero package into Adempiere and it fails with an error that has already been reported in the forums.

I have checked out the latest revision and I still cannot import. Any ideas of what I may be missing?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-12-17 13:12

Does EMS Studio perform data diff? This is what Tim needs.

There are few structure diff tools for PG and MySQL, but none of them perform data diff.

Ruby code to perform diff: <http://snippets.dzone.com/posts/show/949#related>

Pg Diff: <http://pgdiff.sourceforge.net/>

My SQL diff: <http://www.adamspiers.org/computing/mysqldiff/>

By: William G. Heath (wght) - 2007-12-17 12:33

The best way for me to help you is in #adempiere on irc.freenode.net. See you in there! Can I send you the two database dumps so you can produce a diff?

By: Ngigi Waithaka (ngigiwaithaka) - 2007-12-17 13:40

Will try to get in there. Haven't used IRC but I am on it as we 'speak'.

Meanwhile any other pointers?

By: Ngigi Waithaka (ngigiwaithaka) - 2007-12-17 13:52

I am in IRC(ngigiwaithaka),

As for sending me the dumps, I could help but my current B/W is pretty slow, fixing something better shortly. Meanwhile you can use the Trial to the comparisons.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-12-17 13:17

Does EMS Studio perform data diff?

ok. i found the answer. It does data comparison.

<http://www.sqlmanager.net/en/products/postgresql/datacomparer/screenshots/1392>

and the price is not so bad:

EMS DB Comparer for PostgreSQL (Business) + 1 Year Maintenance \$95.00

there is option for non-commercial.

EMS DB Comparer for PostgreSQL (Non-commercial) + 1 Year Maintenance \$47.00

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-12-17 13:47

> The libero branch is making headway!

Great, I saw today Victor reserved ID's - glad to see it.

> The immediate need is for a way to do a database diff

> on two postgres dumps, one before the libero 2pack

> import and one after. This would produce the migration

> script needed so that 2pack is no longer needed to

> install libero. I have heard that Carlos has such a

> tool.

The tool I sometimes use just works for Oracle -> TOAD

I've seen that AquaData Studio has such tool for postgres, but never tested.

And as Trifon pointed I suppose none of those make data diff.

Not sure if it's too late - but my advice is:

- Start a CLEAN 331b seed (important to be clean - this is, not an environment where libero was previously installed)

- Apply 331b-trunk migration scripts

- Log in as System
- In System Configurator modify properly the keys `DICTIONARY_ID_COMMENTS`, `DICTIONARY_ID_USER` and `DICTIONARY_ID_PASSWORD`
- In Tools - Preferences check both "Dictionary Maintenance" and "Generate Migration Script"
- Open Packin and start importing libero - I think is better to import NOT checking the "Dictionary Maintenance" in Packin
- At the end you'll have all the ID's reserved and the corresponding migration scripts for oracle and postgres - you can just check them against clean seeds

If you want I can REVERSE the ID reservation you did to try it again - not sure if they were reserved rightly because it looks like they were imported in a database where libero was previously installed.

Just let me know what you need.

By: William G. Heath (wght) - 2007-12-17 14:29

I don't know some the answers to your questions, would it be possible for you to join me in irc so I can get your help in real time?

By: Tony Snook (tspc) - 2007-12-17 14:47

Carlos,  
Thanks for the information!  
This certainly seems to be the cleanest way to go.

I am not sure if Victor is ready, yet.  
But will suggest it to him.  
Meanwhile I will do some trial runs, locally.

## 2.23 *Generate receipt from Invoice not working*

### **Bazaar Open Discussion**

By: ghat (ghat) - 2007-09-01 01:25

In AD 32 and 33 generate receipt from invoice functionality not working.

Add few lines to to vender invoice. then complete it . Then press Generate receipt from invoice botton. Receipt is created but only one line with one product other products added to invoice is missing. In vendor invoice you get message Couldnot save changes: Invoice line. This can recreate in GardenWorld as well.

By: Terence Ng (ngterry) - 2007-09-01 22:23

Yes, I have the same problem. I have to delete this line, and press 'Create lines from' to get the lines.

By: ghat (ghat) - 2007-09-02 19:38

What lines do I have to delete. Is it material receipt line or Vendor Invoice Line.

By: racd (racd) - 2007-12-11 05:04

i already do some checking on the sourcecode. As i am understood the process actually successfully copied the invoiceline to material receipe line. However problem occur when updating that invoice line.

By: Chris Farley (northernbrewer) - 2007-12-09 20:51

This is a known bug. Don't push this button unless there is only one line on your invoice!

[http://sourceforge.net/tracker/index.php?func=detail&aid=1701331&group\\_id=176962&atid=879332](http://sourceforge.net/tracker/index.php?func=detail&aid=1701331&group_id=176962&atid=879332)

By: Red1 D. Oon (red1Project Admin) - 2007-12-15 17:34

Tracing thru i arrive at the snip with Teo's mark on it :->

```
/**
 * Recalculate invoice tax
 * @param oldTax true if the old C_Tax_ID should be used
```

```

* @return true if success, false otherwise
*
* @author teo_sarca [ 1583825 ]
*/
private boolean updateInvoiceTax(boolean oldTax) {
MInvoiceTax tax = MInvoiceTax.get (this, getPrecision(), oldTax, get_TrxName());
if (tax != null) {
if (!tax.calculateTaxFromLines())
return false;
if (tax.getTaxAmt().signum() != 0) {
if (!tax.save(get_TrxName()))
return false;
}
else {
if (!tax.is_new() && !tax.delete(false, get_TrxName()))
return false;
}
}
return true;
}

```

The culprit seems to be at this bottom methods -> tax.is\_new and tax.delete.  
They seem to return false when executed. Perhaps Teo can throw more light as what should be the intent.

By: Red1 D. Oon (red1Project Admin) - 2007-12-15 17:40

The above snip was called during the 'Generate Receipt From Invoice' button. Which calls the public class InvoiceCreateInOut extends SvrProcess that executes <METHOD> doIt and <LINE> if (!invoiceLine.save()) that calls above when the bug occurs.

Thus it is not sure if its a bug or a logic issue about taxation. Will continue later.

By: Red1 D. Oon (red1Project Admin) - 2007-12-15 18:11

I shut it up by introducing a true argument to the delete method as at PO.java the boolean is used for Force or Not.

Thus it now works if its

```

if (!tax.is_new() && !tax.delete(true, get_TrxName()))
return false;

```

i.e. CHANGED TO delete{true, INSTEAD OF delete (false,

Again, Teo et al, is this correct in business logic?

By: Red1 D. Oon (red1Project Admin) - 2007-12-15 19:53

Checked the consequence above .. see that the Receipt with multiple lines are indeed created, and the original Invoice updated at its Receipts tab. However its Tax tab details are deleted, so this is not good even if its zero tax.

I think what is trying to do at InvoiceLine.save with the updateInvoiceTax is that if its not able to do so i.e. update the tax again then its update has failed. I think this is too implicit.

What the is about updateInvoiceTax that makes it fail when !tax.delete? It should allow other processes to go thru and merely post the warning as above. Thus a better solution maybe not to force tax.delete and just return true even if it !tax.delete.

Now i know the reason why. It is a simple (silly) reason. The whole record was processed! See the delete(force) below:

```

public boolean delete (boolean force)
{
    CLogger.resetLast();
    if (is_new())
        return true;

    int AD_Table_ID = p_info.getAD_Table_ID();
    int Record_ID = get_ID();

    if (!force)
    {
        int iProcessed = get_ColumnIndex("Processed");
        if (iProcessed != -1)
        {
            Boolean processed = (Boolean)get_Value(iProcessed);
            if (processed != null && processed.booleanValue())
            {
                log.warning("Record processed"); // CannotDeleteTrx
                log.saveError("Processed", "Processed", false);
                return false;
            }
        } // processed
    } // force
}

```

By: Red1 D. Oon (red1Project Admin) - 2007-12-15 20:57

Finally i have (me think) solved the mystery.

1) Invoice (Vendor) was processed

2) Generate Receipts from such Invoice will iterate each line to update each invoiceline with corresponding receiptline and this is where it fails.

3) Cos it has to also recalculate the tax during update which it cannot as its 'processed' before.

So a possible remedy can be by telling InvoiceCreateInOut that its merely putting in a non-consequence text value. This would mean a rethink on the structure of line.save itself to be more differentiated.

```

So at this line there if (!invoiceLine.save())
throw new IllegalArgumentException("@SaveError@ @C_InvoiceLine_ID@");

```

can it just be invoiceLine.save(); without throwing it as illegal.

Any comments if this is sound?

By: Red1 D. Oon (red1Project Admin) - 2007-12-15 21:53

Nope above not sound and cant work as no receipts are created. Have to go back to looking at the updateInvoiceTax()

By: Red1 D. Oon (red1Project Admin) - 2007-12-15 22:40

To rephrase the whole culprit:

```

if (tax.getTaxAmt().signum() != 0) {
    if (!tax.save(get_TrxName()))
        return false;
}
else {

```

```
if (!tax.is_new() && !tax.delete(false, get_TrxName()))  
return false;
```

where if TaxAmt == 0 (no tax)

then it tries to delete, and it cannot since its processed. So this will be ok if there is TaxAmt. What is not taken care of is this loophole in such a logic where it needs to update a processed invoice and finding that it has no tax then tries to delete the tax line! This leads to a whole new argument about business logic surrounding 'processed' docs. I suggest that we control that at a higher level such as at Doc-Table 'Complete' and not at afterSave level. Thus delete(force) should not return false, or it should be forced irrespective if its master document is processed. This is to make things more atomic. I wouldnt know when i need to delete a processed document as those are just options i like to have. A rule that says 'no' has to be ascertained at a more meaningful level, ie main actor in this case the InvoiceCreateInOut.

So as a possible good solution is to allow delete(force) at the PO.java and that carries a big impact across, ie. any reord can be deleted if we say so at the code. There are already document level protection against deletion of a processed doc. I tested it and got 14:37:42.617 APanel.actionPerformed: Delete - 16 [11]

```
14:37:42.626 ADialog.ask: DeleteRecord? - null [11]  
-----> GridTable.saveWarning: CannotDeleteTrx - [11]
```

So for now, i suggest we allow delete(force). Comments?

By: Red1 D. Oon (red1Project Admin) - 2007-12-15 22:46

Actually we need not think that deep. It is merely only at MInvoiceLine.updateInvoiceTax where we allow a force delete for tax only! :-) So no impact feared here. Just use back what i first tried:

```
if (!tax.is_new() && !tax.delete(true, get_TrxName()))  
return false;
```

It only deletes non TaxAmt. For positive TaxAmt is already returned true earlier before the ELSE stmt.

Will submit into bug tracker for peer review.

By: Red1 D. Oon (red1Project Admin) - 2007-12-15 18:01

The complaint seems to be in the form of a log.warning -----> MInvoiceTax.delete: Record processed

This happens at !tax.delete which means that if it cannot delete it returns false on Recalculate invoice tax. Now in our case there is no tax. A quick solution that comes to mind is that this whole line got to be further qualified:

```
if (!tax.is_new() && !tax.delete(false, get_TrxName()))  
return false;
```

But what is it? This depends on the subject matter. You failed the process during updating of a previous Invoice (in this generate button case) where u recalculate the tax (which is correct since there is an update again) .. failed due to the 'tax not been new and not deletable'? What does this mean? Colin? Mike? NB?

By: Colin Rooney (croo) - 2007-12-16 01:44

>> What does this mean? Colin? Mike? NB?

I read just saw you call for info ... I \*think\* this tax deletion is all from bug#1583825... The purpose of which is to remove taxes not required. If for example you create an invoice (or order) add a line with product covered by Tax-A, then change the product to one covered by Tax-B ... now there is still one invoice line but both Tax-A & Tax-B tax lines. This change was just to clean that up. perhaps the scenario you are working with was not considered when this modification was made?

I also have a small changed to it awaiting integration in his area



[http://sourceforge.net/tracker/index.php?func=detail&aid=1786103&group\\_id=176962&atid=79332](http://sourceforge.net/tracker/index.php?func=detail&aid=1786103&group_id=176962&atid=79332)

By: Colin Rooney (croo) - 2007-12-16 01:50

oh just read the thread and see you had already figured that all out .. sorry, red1, for telling you what you knew ... I can't really add any more.

By: Red1 D. Oon (red1Project Admin) - 2007-12-16 02:13

Just read your Zero Tax needed to be tracked.. will look into it at one go.. thanks for the prompt.. might be a waste to miss it when my goggles are stuck to my head here.

I was just tracing the above as BUG #1701331

[http://sourceforge.net/tracker/index.php?func=detail&aid=1701331&group\\_id=176962&atid=879332](http://sourceforge.net/tracker/index.php?func=detail&aid=1701331&group_id=176962&atid=879332)

By: Red1 D. Oon (red1Project Admin) - 2007-12-16 08:24

Now i think it shuld solve both issues above by just allowing an update even if taxamt is zero, thus it doesnt delete the case and thus it continue without error. Just that the lower half is now redundant. Hope others can confirm this is ok:

```
private boolean updateInvoiceTax(boolean oldTax) {
    MInvoiceTax tax = MInvoiceTax.get (this, getPrecision(), oldTax, get_TrxName());
    if (tax != null) {
        if (!tax.calculateTaxFromLines())
            return false;
        if (tax.getTaxAmt().signum() != 0 || tax.getTaxAmt().signum() == 0 ) { //red1 - added zero condition
            if (!tax.save(get_TrxName()))
                return false;
        }
        else { //red1 this may become redundant

        if (!tax.is_new() && !tax.delete(false, get_TrxName()))
            return false;
        }
    }
}
```

## 2.24 *Client code not originated from server*

### **Bazaar Open Discussion**

By: Chris Farley (northernbrewer) - 2007-12-09 23:57

I have recently upgraded from 320 to 331b.

When I use the "Production" window, any time I click "Create/Post Production" I get an error:  
"Process failed during execution Client code not originated from server"

Here's a trace:

```
23:43:11.087 APanel.stateChanged: javax.swing.event.ChangeEvent[source=WindowTab - selected 0 of 3] [18]
23:43:11.089 APanel.stateChanged: Tab=WindowTab - selected 0 of 3 [18]
23:43:11.093 GridTable.dataRefresh: Row=3 [18]
23:43:11.099 APanel.dataStatusChanged: 4/4 [18]
23:43:11.103 APanel.dataStatusChanged: 4/4 [18]
23:43:12.225 APanel.actionPerformed: Processing - 16 [18]
23:43:12.234 APanel.actionButton: VButton[Processing=N] [18]
23:43:12.243 ProcessDialog.<init>: Process=137 [18]
23:43:13.741 Trx.commit: **** PSave_1543a7d1-361f-4a2d-b82e-19dd8967d1d4 [18]
23:43:13.753 Trx.commit: **** PSave_fd232298-9da1-42b9-8f05-460bec84cb19 [18]
=====> ProcessCtl.startDBProcess: AppsServer error - ProcessInfo[Create/Post
```

Production,Process\_ID=137,AD\_PInstance\_ID=1051191,Record\_ID=1003486,Error=false,Summary=,Log=0]  
 [85]  
 java.lang.RuntimeException: Client code not originated from server.  
 at org.compiere.session.ServerBean.checkCodeBaseHost(ServerBean.java:940)  
 at org.compiere.session.ServerBean.validateSecurityToken(ServerBean.java:895)  
 at org.compiere.session.ServerBean.dbProcess(ServerBean.java:754)  
 at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)  
 at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:39)  
 at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)  
 at java.lang.reflect.Method.invoke(Method.java:585)  
 at org.jboss.invocation.Invocation.performCall(Invocation.java:345)  
 at org.jboss.ejb.StatelessSessionContainer\$ContainerInterceptor.invoke(StatelessSessionContainer.java:214)  
 at  
 org.jboss.resource.connectionmanager.CachedConnectionInterceptor.invoke(CachedConnectionInterceptor.java:185)  
 at org.jboss.ejb.plugins.CallValidationInterceptor.invoke(CallValidationInterceptor.java:48)  
 at org.jboss.ejb.plugins.AbstractTxInterceptor.invokeNext(AbstractTxInterceptor.java:105)  
 at org.jboss.ejb.plugins.AbstractTxInterceptorBMT.invokeNext(AbstractTxInterceptorBMT.java:153)  
 at org.jboss.ejb.plugins.TxInterceptorBMT.invoke(TxInterceptorBMT.java:62)  
 at org.jboss.ejb.plugins.StatelessSessionInstanceInterceptor.invoke(StatelessSessionInstanceInterceptor.java:130)  
 at org.jboss.ejb.plugins.SecurityInterceptor.invoke(SecurityInterceptor.java:139)  
 at org.jboss.ejb.plugins.LogInterceptor.invoke(LogInterceptor.java:192)  
 at org.jboss.ejb.plugins.ProxyFactoryFinderInterceptor.invoke(ProxyFactoryFinderInterceptor.java:122)  
 at org.jboss.ejb.SessionContainer.internalInvoke(SessionContainer.java:624)  
 at org.jboss.ejb.Container.invoke(Container.java:873)  
 at sun.reflect.GeneratedMethodAccessor76.invoke(Unknown Source)

By: Heng Sin (hengsin) - 2007-12-10 00:45

This is a new security checking add after release 3.3.0, you can add **ServerValidateSecurityToken=xyzN** to the **Adempiere.properties** file of your Adempiere server instance to turn off this checking.

## 2.25 *Adempiere Technical Training on wikiversity*

### Developers

By: Carlos Ruiz (globalqss) - 2007-12-02 20:51

Hi, as promised I just uploaded a first material of the notes for the Adempiere Technical Training here:

[http://en.wikiversity.org/wiki/Adempiere\\_Technical\\_Training](http://en.wikiversity.org/wiki/Adempiere_Technical_Training)

This is work in progress, please feel free to edit, enhance and improve it.

I suppose if we evolve properly this document it can becomes the technical and developer manual.

Needed contributions:

- \* Describe better the processes (i.e. build, setup)
- \* Describe more detailed dictionary
- \* Explain better the persistence model
- \* Explain better the adempiere coding (with some examples)

By: sam (sam24368) - 2007-12-08 22:02

Thanks for this notes. Regarding customization, We are attempting the method on having two separate projects, ie.,

P1) adempiere\_trunk

P2) our\_work

But we are stuck in setting Java BuildPath > Project as well as "Order & Export".

If you could add how to set up the project dependencies it will be very helpful, particularly for running

Adempiere\_trunk together with the our\_work from within eclipse.

By: Heng Sin (hengsin) - 2007-12-09 01:39

We set it up a bit different here:

P1) Adempiere Library - Adempiere.jar, CCTools.jar, CSTools.jar, jboss.jar, postgresql.jar and oracle.jar, CompiereJasperReqs.jar

- This will be fairly static if you use one of the releases of Adempiere. If you want to develop against trunk, you will have to use ant script or shell script to copy the jars file from your trunk build to a share location. We do this as we do not want the developer to touch the core classes when doing project customization work.

P2) Project customization work.

## 2.26 *Post Dated Cheques*

### **Functional-Financials**

By: 3agad (abulbees) - 2007-12-09 04:38

I am new to adempiere and i have been going through a lot of readings about it lately, I am interested in implementing Adempiere in my company which is a manufacturing company.

I have a major concern about the ability of issuing post dated cheques, for example if I want to issue multiple cheques against one invoice and these cheques will be post dated.

example:

i want to pay the total of 1000 to one supplier against multiple invoices, so I issue cheques as following

- 1- 200 due today
- 2- 200 due at the end of the coming month
- 3- 200 due at the end of the month after
- 4- 200 due after three months
- 5- 200 due after four months

I was surprised that this functionality was not requested in the form before

By: Trifon Nikolaev Trifonov (trifonnt) - 2007-12-09 05:12

Adempiere supports payment of multiple invoices with one or many payments.

Adempiere supports payment schedule you need, but i'm not sure if it can make cheques.

If it can't means that no one needed this functionality till now.

If it is confirmed that this functionality is missing then there are 3-4 scenarios:

- 1) Develop required functionality by yourself.
- 2) Support developer to develop it.
- 3) Create a request and await till someone develop it.

By: Alexandre (enzimas) - 2007-12-09 06:18

What is the procedure to publish one development made by our selves.

For example...

1 - We have made a button to send and email with de PDF attached do our customer from the sales order.  
The text from the email you will configure

What we must do to publish it?

By: Trifon Nikolaev Trifonov (trifonnt) - 2007-12-09 06:28

If it is new functionality you must create Feature Request and attache modified files. It will be reviewed and if accepted committed into svn server.

By: Armen (armenrz) - 2007-12-10 00:49

Let me verify, by post dated, You mean the cheque will only get realized (liquidized to your bank account) after a given date in the future ?

If yes, this is common feature in Indonesia which we have delivered solution for local feature.  
What country are you from? I thought it only happens here.

By: 3agad (abulbees) - 2007-12-10 02:43

Thank you Trifon for your reply, i am still going through the system and i believe that i came across invoice payment matching.

Armen it is exactly as you have described, and on both debtors and creditors side. so the idea is to give a the supplier the full amount of the invoice but it is split into multiple cheques dated in the future and on an agreed basis.

and vice versa when a customer gives me Post Dated Cheques

This is very common in the United Arab Emirates, and I have seen most of the accountants here (and they come from all over the world) are familiar with this concept

## **2.27 *Install Adempiere on dedicated server***

### **Help**

By: affreux (affreux) - 2007-12-06 15:29

I followed the instructions for the install of Adempiere on a Debian system with Postgresql ([http://www.adempiere.com/wiki/index.php/Debian\\_and\\_PostgreSQL\\_Install](http://www.adempiere.com/wiki/index.php/Debian_and_PostgreSQL_Install))

The thing is that I'm installing it on a dedicated server. So I don't have access to a GUI, I'm doing everything through SSH.

How should I proceed to set up the Adempiere server?

By: m\_\_j (m\_\_j) - 2007-12-10 04:52

you have to edit the AdempiereEnv.properties in \$ADEMPIERE\_HOME\$ to suit your needs and then run RUN\_silentsetup.sh

## **2.28 *IT Service Management***

### **Functional-ERP**

By: minimax (frank1971) - 2007-12-03 04:29

Hello all

I am wondering if Adempiere offers some degree of IT Service Management based on ITIL (IT Infrastructure Library).

In particular Incident Management and Service Desk(Help desk) functionality. Furthermore is there an interface to bind the Open Ticket Request System (OTRS) to Adempiere?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-12-03 04:44

Adempiere has Service Request functionality. Anyone who register in web store can create service request. System automatically send emails when status is updated. Request is created inside the ERP system and can be processed from the ERP, so it is all integrated functionality. Requests has status and can be assigned to different users inside the ERP system. Also requests can be escalated.

By: minimax (frank1971) - 2007-12-03 05:02

OTRS is another Open Source Project concentrating on the aspects of Incident Management and Service Desk(Help desk) functionality.  
Here is the link: <http://otrs.org/>.

By: Aziah (nor07) - 2007-12-02 22:12

I have this project with an organisation, who would like to implement Adempiere to manage their accounting,assets,inventory,purchase,sales,payroll and CRM. The organisation has 5 branches located in 5 different locations. I proposed to them the Business Intelligence component, and they responded that they would be happy to consider it if there is such function that can monitor cost centers, so that the management can evaluate the performance of each cost center.

By: Colin Rooney (croo) - 2007-12-03 02:07

>>function that can monitor cost centers  
is just a little vague! "monitor" could mean a myriad of things.  
But Adempiere allows the definition of an Organisation structure.  
Each node in the tree structure can have different location (so I guess they are your cost centres) and the Organisation is a mandatory element in accounting, which means each transaction created in the General Ledger can be related back to any organisation and the standard financial reporting can report as easily for one organisation as for them all. So they could use the accounts to monitor.

Now if you are referring to the Goals (KPIs) in the dashboard; they are user definable, and all data & transactions in the system also include the org information so these can easily be specific to an org (cost centre). The Goals are role specific so different roles can have a different set of goals.

By: Aziah (nor07) - 2007-12-03 21:48

Yes, I must admit it is a general question. However, thanks to your general answer, I get the picture and some ideas. Well, what I meant by monitoring cost centers is to monitor their expenses and revenues. However, it doesn't limit to that only, it can extends to other KPIs. What I understand from your explanation, is that every transaction can be related back to each cost center. Which means the system can generate a report to compare the revenue and expenditure of the cost centers in the whole organisation, provided that I define each cost center in the organisation structure definition.

To make it more specific, each cost center will have their own code in Adempiere system, that are link to each transaction they make, so that user can query for all the expenditure made by a particular cost center for a certain period of time.

By: Colin Rooney (croo) - 2007-12-03 22:20  
yes that is what I mean.

The first two fields on every window is Client & Org.  
Client refers to the company using Adempiere. There could be more than one Client using any implementation!  
Org refers to a node in the Clients organisation tree.

So every piece of information and every transaction is related to some node in the organisation structure of a client. Users are also related to a node and their access to data can easily be restricted based on this organisation tree and where they are defined within it.

Also, if you look in the financial reports you will see you can create financial reports (e.g. income statement (or Profit & Loss) and Balance Sheet which are restricted to a "node" in the organisation tree; enter no org, i.e. leaving it blank, would report for the entire Client. Now whether these reports make sense is also dependant on the your CoA and how you manage inter-org transactions.... but assuming this has been given consideration at implementation I see no reason why you could not be able to create meaningful financial reports based on a single node in the organisation.

## 2.29 Adempiere Client on Windows

### Help

By: Iveen Duarte (iveen) - 2007-11-27 17:23

I have successfully installed Adempiere 3.2 on a OpenSUSE 10.2 machine, using PostgreSQL as a database. The client application works beautifully on LINUX, but when I installed the client on Windows XP, I can't get to the server, I am using the same parameters as in the LINUX Client, but still doesn't work.

I get Timeout from the Application Server, and Connection Refused from de Database Server.

My SUSE is behind a FIREWALL, and is on the optional port of my Firewall, even though I can access to other applications I have there (like SugarCRM-web based), I can't get to my Adempiere.

There is also problems with the WEB Login of Adempiere, it doesn't work at all.

By: Daniel Žalar (danizmax) - 2007-12-03 01:39

First check wich port did you configure:

```
cat myEnvironment.sh | grep PORT
```

the look if the machine listens on these ports:

```
netstat -at
```

also check your firewall:

```
iptables-save
```

## 2.30 Compiling adempiere + libero from SVN head

### Bazaar Open Discussion

By: Dominic (dmt10) - 2007-11-28 20:45

Hey all, We are trying to get the subversion head versions of both adempiere and libero to compile and play nice. But we are still getting some wierd sql errors when we try and create a client. Their are many many errors that all seem to be exactly the same they are:

```
[WARNING] [c3p0] A PooledConnection that has already signalled a Connection error is still in use!  
[WARNING] [c3p0] Another error has occurred [ org.postgresql.util.PSQLException: ERROR: current  
transaction is aborted, commands ignored until end of transaction block ] which will not be reported to  
listeners!org.postgresql.util.PSQLException: ERROR:  
current transaction is aborted, commands ignored until end of transaction block  
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.executeQuery(AbstractJdbc2Statement.java:255)  
at
```

```
com.mchange.v2.c3p0.impl.NewProxyPreparedStatement.executeQuery(NewProxyPreparedStatement.java:76) at
org.compiere.model.MSequence.getNextID(MSequence.java:137)
at org.compiere.util.DB.getNextID(DB.java:1402)
at org.compiere.model.PO.saveNew(PO.java:2256)
at org.compiere.model.PO.save(PO.java:1883)
at org.compiere.model.MSetup.createClient(MSetup.java:306)
at org.compiere.apps.form.VSetup.run(VSetup.java:439)
at org.compiere.apps.form.FormFrame$2.run(FormFrame.java:401)
```

\*\*\* 2007-11-29 02:01:26.872 Adempiere Log (CLogConsole) \*\*\*

A brief outline of the process we followed to do the install is

1. Check out the head version of both libero and adempiere
2. Build adempiere
3. Build libero
4. Rebuild adempiere (to get the libero.jar into the install)
5. Set up the database. (Create database, run the pljava deployer, drop the sqlj schema, import the dump file)
6. Run the 330-trunk database migrations
7. Copy EE01.zip into the packages directory
8. Run silent setup and start the app server.
9. Launch the Adempiere client
10. Add the EE01 entity type
11. Pack in the EE01.zip
12. Copy libero.jar into the packages/packages/EE01/lib directory.
13. Re-run silentsetup and start the server.

Then we we get the above error when trying to create the client.

Are we doing something blatantly wrong? My method is sort of a hybridized version of all the information I could find on the web for doing this and seems to get me the furthest along.

By: William G. Heath (wght) - 2007-11-29 12:51

Download my vmware image with a fully functional libero install on adempiere from the subversion head at <http://www.graysonconsulting.biz/files.html>. It even has all the build tools I used. I hope this will help you! Also join me in [#adempiere](http://irc.freenode.net) and I can help you more with setting up libero.

### 2.31 *Run procedure before launch Jasper report*

#### **Bazaar Open Discussion**

By: vinhpt (vinhpt) - 2007-11-29 20:50

I want Run procedure before launch Jasper report in Adempiere

In Report&Process window I declare the classname for run Jasper report

Classname = org.compiere.report.ReportStarter

and the procedure My\_Procedure to run before launch Jasper report

Procedure = My\_Procedure

But where I run the Jasper report run first and my procedure run affter :(

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-11-29 22:30

i think that you must start both processes inside Adempiere.

By: Colin Rooney (croo) - 2007-11-30 02:19

Really Trifon?

Can you say more about how?

I wanted to do this too ... to be specific I wanted to replace the Aging Report with a Jasper version!

The definition of the "Aging Report" in the Report & Process" window identifies the code to create the T\_Aging table.... so there is no place for me to name the jasper ReportStarter as usual? :(

For now I simply made creating the report a two step procedure with the jasper report simply selection records from the T\_Aging with the highest AD\_Process\_ID which is always the last... but such a selection makes me nervous :) it would be nice to have it process & report as with the standard Aging.

By: Trifon Nikolaev Trifonov (trifontProject Admin) - 2007-11-30 02:25

I can say that such functionality can be done. If user can start two processes one after another than and Adempiere can do it.

So my guide is:

You need to modify or create new JasperReports starter process in which as first step Adempiere will start requested process.

By: Ricardo (ralexsander) - 2007-11-30 06:04

Calling the procedure from the Jasper maybe can solve your problem.

Try this:

Create a new Function, like this:

```
create or replace
FUNCTION CALL_PROCEDURE
(
    PInstance_ID IN NUMBER
)

RETURN NUMBER
IS
PRAGMA AUTONOMOUS_TRANSACTION;
BEGIN

    MY_PROCEDURE(PInstance_ID); =====> Change to your own Procedure
    RETURN 1;
END;
-----
```

In your JasperReport query append the "Join" to call your procedure:

```
LEFT JOIN (SELECT CALL_PROCEDURE($P{RECORD_ID}) PROC FROM DUAL) CALL_PROC ON
(1=1);
```

e.g.: SELECT \* FROM M\_Product

```
LEFT JOIN (SELECT CALL_PROCEDURE(1008188) PROC FROM DUAL) CALL_PROC ON (1=1)
```

```
WHERE IsActive='Y';
-----
```



## 2.32 *Parameter in Reports*

### **Bazaar Open Discussion**

By: Cristina Ghita (redchris) - 2007-11-27 06:15

Please if you can help me with a problem. I need to make a report that has as parameter the DATE. My problem is that I have to select from my view that records which have the date < PARAMETER DATE. I checked Range, but is not appropriate for my case.

I'm working with Print Format. In my report I need to select the records in which date is lower than the date parameter (from the Parameter Tab in Report & Process window). Usually, this parameter is consider to be equal. I hope that you understand my point.

By: Colin Rooney (croo) - 2007-11-27 10:07

Yes, I understand what you mean but you cannot define an "operator" (<,>, etc) in the parameter setting. I know you say the range is not appropriate for you but this is how you would normally achieve what you want - by using a range but leaving the first date empty and selecting a value for the second date field... this would result in a selection similar to "<= dateEntered". If you wanted to make a "<" selection then you must select the date -1.

You don't say what your report concerns but if it concerned a specific window (such as a list of Sales Orders or Invoices) then you could create a "listing report".

If you open the Sales Order window as an example ... in the icon bar (left of the archive icon) is the "Report" icon. The terminology can get a little mixed up here ... but the normal "Print" icon runs a "Report & Process" process while this icon prints a list of the selected items in the current window. So if you press it in Sales Orders you get a report with the currently selected Sales Order (by the way you should have "always preview" enabled in your preferences for this). You can modify this print format as any other to include the fields & layout you wish ... but and this is the important piece .. if you press the magnifying glass on this print preview you will be presented with the selection/lookoup window for (in this case) Sales Orders. Using the advanced tab here you can create a selection [and save it now too for future use, thanks to Heng Sin & Red1 ;) ] that includes the "operator" required.... so example, selecting "Date promised", "<=" & a date from the calendar.

It's a lot more complicated than simply having a date range :) but not a lot of people don't know it's possible so I just thought I'd mentioned it.

## 2.33 *LDAP Auth*

### **Developers**

By: wednstay (wednstay) - 2007-11-28 06:12

Can anyone help me to setup Adempiere to authenticate user on Active Directory (windows 2003)?

Which are the steps to do it?

Exist an how to?

By: Matjaž Godec (agenda\_gm) - 2007-11-28 07:00

How to set up LDAP/AD authentication in Adempiere:

Login as SuperUser Role SystemAdministrator. Open Window from Menu: System Admin/General Rules/System Rules/System Here You can find fields:

LDAP URL: LDAP Domain:

in LDAP URL You should put url to access Your AD: ldap://ad.example.com/ in LDAP Domain You should put namespace where You have user definitions: ou=people,dc=example,dc=com

With this You are pretty much set at system level (Well it would be nice if this would be on the Client level).

Now you should logout and login in role ClientAdmin for your client. Open window from Menu:

System Admin/General Rules/Security/User Find user You want to be authenticated via LDAP. You will find field: LDAP User Name Here You enter username (I think it is cn for AD) for this user in LDAP.

This should be it.

Actually in code it creates something like this: username@domain

For OpenLDAP we have to change the code in file dbPort/src/org/compiere/db/LDAP.java from: StringBuffer principal = new StringBuffer (userName).append("@").append(domain); to StringBuffer principal = new StringBuffer ("uid=").append(userName).append(",").append(domain);

As we use namespace uid=username,domain\_string\_from\_system

BTW: for anyone, fell free to put this to Wiki it seems it could be useful.

## 2.34 How-to: launch a(ny) window within a process

### Developers

By: mario\_cal (mar\_cal\_westf) - 2007-11-12 23:05

As my following explanations are quite long, here is the question I would like to ask: do you know a way to launch a window (any window) from within the doIt() method of processes?

#### THE MOTIVATION

After Adempiere is running, the master data imported and the users got acquainted with the GUI, they start complaining about the many windows they have to open in order to finish a process. We could argue that ADempiere is in good company, because this sort of complaints face SAP.

I nevertheless wanted to improve process ergonomoy starting with one window. I chose for it the window "Material Receipt" (Requisition-to-Invoice). My goal was that after typing in the data and completing the Material Receipt, the Button "Generate Invoice from Receipt" would not only generate the invoice (as it does presently), but it also would launch the invoice window altogether, so the user does not have to write down the invoice document number, go to the menu and look for the invoice.

#### MY DOINGS

I added at the end of the doIt() method of the file adempiere\_trunk/base/src/org/compiere/process/InOutCreateInvoice.java the following code:

```
import org.compiere.apps.AWindow;
import org.compiere.apps.AEnv;
:
:
MQuery aQuery = new MQuery ("C_Invoice");
aQuery.setRecordCount(1);
aQuery.addRestriction("C_Invoice_ID", "=", invoice.getC_Invoice_ID());

AWindow frame = new AWindow();
frame.initWindow(183, aQuery); // 183=window "Invoice (Vendor)"

frame.validate();
AEnv.showCenterScreen(frame);
```

#### THE ERROR

In Eclipse, it worked fine, but when I happily started the build (clean first, build later), I run into an error: the compiler did not know neither AWindow nor MQuery. Looking into adempiere\_trunk/utlis\_dev/build.xml (I had always avoided everything with a xml suffix) I realised that the complíler was right, because these classes were built in "client" later in the build. Compiling "client" earlier yielded even more errors.

## MY SOLUTION

So after hours of trials I finally got it to work:

- 1.- I set the Linux CLASSPATH variable to Adempiere.jar (and prophylactically to some other jar and class files)
- 2.- I changed the xml file, where I renamed InOutCreateInvoice.java to InOutCreateInvoice.java\_TEMP so it would not be compiled.
- 3.- Then I built until "client", changed the file's name to its original name and restarted the whole build from scratch. When it was InOutCreateInvoice.java's turn, the compiler found the classes and the build was successful.

## MY QUESTION

Do you know a way to launch a window (any window) from within the doIt() method of processes? I can imagine that there is a more elegant solution to the one I described.

By: karsten-thiemann (kthiemann) - 2007-11-13 00:17

I use just one big ADempiere project and deploy from this project to avoid those problems..

By: Colin Rooney (croo) - 2007-11-13 05:28

This won't help with your technical issue and I know the above was just an example, but I couldn't help thinking that such changes as yo plan would make upgrading more difficult. I agree having to write down numbers is not very efficient and error prone... but I always think something like this points to a failing somehow. In this case a failing of the zoom functionality. You should be able to zoom to the newly created Invoice! The receipt record (m\_inout) has a field to store Invoice\_ID but it's not filled. Perhaps a better change in this case would be to modify Generate Invoice process to store the newly created invoice in this field. You'd need to add the Invoice field to the Material Receipt window so they can zoom ok ... but that is an AD change and doesn't effect migration. And I imagine such a code change could go in the trunk so you save yourself that migration too!

Anyway, just a thought as I read you post.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-11-13 07:45

## >MY QUESTION

>Do you know a way to launch a window (any window) from within the doIt() method of processes? I can imagine that there >is a more elegant solution to the one I described.

I think that one good approach is to add link in info window at the end of the process which would allow user to open Invoice window. Generally process must not open Graphical component as it couple too much logic and view.

What will happen with WEB UI if we encode in process opening of Swing window?

By: Teo Sarca (teo\_sarca) - 2007-11-26 01:42

We developed such a functionality by introducing an user interface abstractization level.

## Architecture:

Introduced classes/interfaces:

- \* interface UI: user interface
- \* class UIFactory: class that creates a concrete implementation of UI interface
- \* class SwingUI: swing based UI implementation

Modifications of current trunk:

- \* AMenu.initSystem: export swing ui implementation class name:  
Env.setContext(m\_ctx, org.adempiere.util.UIFactory.CTX\_UIClass, SwingUI.class.getCanonicalName());
- \* SvrProcess: added method getUI() which now just returns "UIFactory.getUI()", but in future we will implement the possibility to run specific UI methods on server side, which will affect client side (e.g. think about when your process is running on the server but you want to open the window on client side).

Usage example:

In your InOutCreateInvoice.doIt(), you will need to add:  
getUI().openWindow(invoice);

I think this functionality will be good in trunk. What do you think ? Vote ?

One more word about your approach: generally we recommend to do these kind of actions, in the "postProcess" method which is called after the transaction is committed or rolled back, and not in doIt method.

In your particular case, this will work because the InOutCreateInvoice is not using transaction in a proper way.

By: Redhuan D. Oon (red1Project Admin) - 2007-11-26 07:06

The Colin way of avoiding coding but using the AD to achieve such invoice access sounds more elegant. Perhaps Mario can even try creating a new tab under the Material Receipts to contain all the generated invoices? Wonder if this is what Mario intended and whether this might need some retoggle of the main tab.

### 2.35 Posterita web UI commit

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-11-22 23:57

Hi Shameem, thanks to you and Posterita for your valuable contribution!!!!

I'm having problems with installing webui.war - maybe I'm doing something wrong.

I compiled webui.war - running ant for war target

Then copied file extension\posterita\webui\dist\webui.war into freshly installed server

C:\Adempiere\jboss\server\adempiere\deploy

And jboss server threw error:

00:40:12,574 INFO [TomcatDeployer] deploy,

ctxPath=/webui,warUrl=file:/C:/Adempiere/jboss/server/adempiere/tmp/deploy/tmp9997webui-exp.war/

00:40:13,918 INFO [WebappClassLoader]

validateJarFile(C:\Adempiere\jboss\server\adempiere\.\tmp\deploy\tmp9997webui-exp.war\WEB-INF\lib\j2ee.jar)

- jar not loaded. See Servlet Spec 2.3, section 9.7.2. Offending class: javax/servlet/Servlet.class

Whatever I could run the webui - open the Business Partner Group window, but when I tried to open Business Partner window it didn't work and jboss showed a different exception:

00:51:49,483 INFO [STDOUT] =====> zkoss.process:134: Failed to load the media. [13]

org.zkoss.zk.ui.ComponentNotFoundException: Component not found: z\_7g\_ah3

at org.zkoss.zk.ui.impl.DesktopImpl.getComponentByUuid(DesktopImpl.java:364)

at org.zkoss.zk.au.http.DynaMedias.process(DynaMedias.java:112)

at org.zkoss.zk.au.http.DHtmlUpdateServlet.doGet(DHtmlUpdateServlet.java:134)

at javax.servlet.http.HttpServlet.service(HttpServlet.java:697)

at javax.servlet.http.HttpServlet.service(HttpServlet.java:810)

at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:252)

at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:173)

at org.jboss.web.tomcat.filters.ReplyHeaderFilter.doFilter(ReplyHeaderFilter.java:81)

I'm interested with helping to test webui and report whatever problems I see. I suppose we can use the same Posterita tracker already used for POS - must we?

By: Peerbuccoss shameem (shameem\_z) - 2007-11-23 07:54

I have commit some changes for the WEB UI build.xml.

Normally, you should put the webui.war under the directory of adempiere lib.

You add the following line to the adempiereAll.xml

```
<module>
```

```
<web>
```

```
<web-uri>webui.war</web-uri>
```

```
<context-root>/webui</context-root>
```

```
</web>
```

```
</module>
```

Then add webui.war under target "createEAR" in the adempiere build.xml. Run setup and access webui from your browser

`http://<IP>:<PORT>/webui/`

Please let me know if you encounter further issue while get webui to work.

### 2.36 *multiple currency*

#### **Bazaar Open Discussion**

By: Goh Yan Chang (gohyc) - 2007-09-26 05:14

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)
```

By: juanka (jccaleta) - 2007-11-21 10:15

Please, refer to following post:

PaymentTermDueDate error

[http://sourceforge.net/forum/forum.php?thread\\_id=1870877&forum\\_id=610546](http://sourceforge.net/forum/forum.php?thread_id=1870877&forum_id=610546)

By: Goh Yan Chang (gohyc) - 2007-11-22 05:16

Wow! I tried and it works.

### 2.37 *Element Type Error*

#### **Bazaar Open Discussion**

By: hzendeja (hzendeja) - 2007-11-09 22:57

Any suggestion about how to solve next ERROR:

```
22:15:04,114 INFO [ChannelSocket] JK: ajp13 listening on cardware.biz/127.0.0.1:8009
```

```
22:15:04,128 INFO [JkMain] Jk running ID=0 time=0/37 config=null
```

```
22:15:04,174 INFO [Http11Protocol] Starting Coyote HTTP/1.1 on httpcardware.biz%2F127.0.0.1-443
```

```
22:15:04,217 INFO [Server] JBoss (MX MicroKernel) [4.0.2 (build: CVSTag=JBoss_4_0_2 date=200505022023)]
```

```
Started in 37s:901ms====>> 22:17:11,588 INFO [STDOUT] ERROR: 'The element type "compiere" must be terminated by the matching end-tag "</compiere>".'
```

```
====>> 22:17:11,589 INFO [STDOUT] ERROR:
```

```
'com.sun.org.apache.xml.internal.utils.WrappedRuntimeException: The element type "compiere" must be terminated by the matching end-tag "</compiere>".'
```

By: Tobias Schöneberg (tobi42) - 2007-11-22 07:02

I stumbled about the same error message.

It's related to an existing thread ([http://sourceforge.net/forum/message.php?msg\\_id=4519179](http://sourceforge.net/forum/message.php?msg_id=4519179)).

I tried to connect using `http://localhost:80`, which caused the problem. My solution was to connect using `http://<servername>:80` instead, where `<servername>` is the name configured in the setup screen.

## 2.38 *Trunk code Structure*

### Developers

By: omid (omidp) - 2007-11-21 05:01

I check out adempiere trunk code But trunk code structure

Is different with adempiere 3.3 in M\* Class and X\_\* class

There are two more interface for X\_\* Class I\_C\_\*, I\_Persistent

I confused

can any one explain this ?

```
public I_AD_User getAD_User() throws Exception
```

```
{  
    Class<?> clazz = MTable.getClass(I_AD_User.Table_Name);
```

```
    I_AD_User result = null;
```

```
    try {
```

```
        Constructor<?> constructor = null;
```

```
        constructor = clazz.getDeclaredConstructor(new Class[] { Properties.class, int.class, String.class });
```

```
        result = (I_AD_User) constructor.newInstance(new Object[] { getCtx(), new Integer(getAD_User_ID()),  
        get_TrxName() });
```

```
    } catch (Exception e) {
```

```
        log.log(Level.SEVERE, "(id) - Table=" + Table_Name + ",Class=" + clazz, e);
```

```
        log.saveError("Error", "Table=" + Table_Name + ",Class=" + clazz);
```

```
        throw e;
```

```
    }
```

```
    return result;
```

```
}
```

can i implement my class in order to last version in this version ?

Why this change happen ?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-11-22 01:28

this link could help you:

[http://adempiere.com/wiki/index.php/User:Trifonnt#Simplify\\_and\\_Speedup\\_Adempiere\\_development](http://adempiere.com/wiki/index.php/User:Trifonnt#Simplify_and_Speedup_Adempiere_development)

You do not need to modify X\_ or I\_ classes they are automatically generated.

>can any one explain this ?

>public I\_AD\_User getAD\_User() throws Exception

Yes. This helps you to get reference to AD\_User.

## 2.39 *PaymentTermDueDate error*

### Bazaar Open Discussion

By: juanka (jcaleta) - 2007-11-15 16:42

Hi, 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.

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) - 2007-11-17 01:03

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 06:48

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 build-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
```

## 2.40 Eclipse error

### Developers

By: nicolaas (nicolaaspetrus) - 2007-11-14 03:51

I am using Eclipse SDK Europa 3.3.1 on WinXP, JDK1.6.0.3, postgresQL8.2.4. I had check-out (with Sunclipse) Adempiere trunk (Victoria Edition) Revision 3717 (Mon 12Nov07,00:23:16 ICT), Adempiere320 from /branch. When run\_build.bat from util\_dev of Adempiere trunk, the dos command windows display the following error:

```
" Cleanup...
Exception in thread "main" java.lang NoClassDefFoundError: org/apache/tools/ant/Main.
Building...
Exception in thread "main" java.lang NoClassDefFoundError: org/apache/tools/ant/Main.
Press any key to continue"
```

Actually I had the same above error when run-build.bat from util\_dev of Adempiere320. But it is solved when I change to JDK1.5.0.12.

But when I tried the same thing on Adempiere trunk it does not work (both on JDK1.5.0.12 and JDK1.6.0.3).

It seems I miss something in Build Path or else??.

Could anyone please help? Any help would be much appreciated.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-11-14 04:09

Exception clearly states that you do not have path to ANT! Please set proper path and execute task again.

You may consider Adempiere DVD by Trifon. It will help you to avoid all initial setup problems.  
[http://adempiere.com/wiki/index.php/User:Trifonnt#Adempiere\\_DVD\\_by\\_Trifon](http://adempiere.com/wiki/index.php/User:Trifonnt#Adempiere_DVD_by_Trifon)

By: JGB (johngbell2) - 2007-11-14 04:53

The ANT\_CLASSPATH environment variable is set from RUN\_uuuld.bat/sh

Are you running the script from utils\_dev directory? The ant classpath paths are relative so that they assume you are.

CD utils\_dev

RUN\_build

Should work

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-11-14 05:08

It doesn't matter from where you run it.

I can run it from utils\_dev or from Eclipse.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-11-14 12:57

Hi Nicolaas, please try deleting the CLASSPATH environment variable.

By: m\_\_j (m\_\_j) - 2007-11-15 02:46

have you tried right click on utils\_dev/build.xml in eclipse -> Run as -> Ant Build ?

I think this uses the ant version that comes with eclipse.

## **2.41 *filter record to show***

### **Bazaar Open Discussion**

By: dellph (dellph) - 2007-11-05 22:12

I want to display only records that the user encoded in a window. i tried to use the the "sql where" in the window,tab&field option using this value createdby=@#createdby@ but it does not work. any idea how to do this in adempiere?

By: Teo Sarca (teo\_sarca) - 2007-11-06 01:10

It accepts context variables, but pay attention to case, because context variables are case sensitive, so you should try: createdby=@#AD\_User\_ID@

## **2.42 *Database installation and maintenance***

### **Developers**

By: JGB (johngbell2) - 2007-11-02 03:04

We have 2Pack that can import table definitions from an xml file nto the database. Could this be expanded so that the >whole AD definition is stored in one or more database neutral xml files? For comparison OfBiz stores its initial data >in xml files. (and on initial startup will create the database if it is not already created)

We have two solutions:

2Pack

ADCK

I use ADCK and i store AD and user data in xml files. Multiple xml files.

You could find examples in here:

[http://adempiere.svn.sourceforge.net/viewvc/adempiere/contributions/253b/comxe/\\_Project-ID-EDI/xml/data/](http://adempiere.svn.sourceforge.net/viewvc/adempiere/contributions/253b/comxe/_Project-ID-EDI/xml/data/)



## 2.43 *Libero non trunk hell question/problem*

### Developers

By: William G. Heath (wght) - 2007-10-31 17:31I made a special process to create the Manufacturing Order Target Document Types called CreateDocType.java. The problem is that instead of using the X\_C\_DocType.java from Libero it is using the one from trunk and therefore gives the error:

DocBaseType Invalid Error when trying to save the new types.

The files are located:

libero10\_31\_2007\_dev:~# vi ./work/adempiere/base/src/org/compiere/model/X\_C\_DocType.java

libero10\_31\_2007\_dev:~# vi ./work/adempiere/libero/src/org/compiere/model/X\_C\_DocType.java

How can I get my process to use the adempiere/libero/src/org/compiere/model/X\_C\_DocType.java instead of adempiere/base/src/org/compiere/model/X\_C\_DocType.java?

By: tony (tspc) - 2007-11-01 01:49

I guess the best way to ensure that the Libero customized classes are used is to package them into the customization.jar library.

The customization.jar appears before the trunk classes in the class path.

The customization.jar is in the lib directory of the trunk. (ie /trunk/lib )

Go to that directory and the following commands will add the 4 customized classes.

```
jar uvf customization.jar -C ../libero/build/ ./org/compiere/model/
```

```
jar uvf customization.jar -C ../libero/build/ ./org/compiere/acct/
```

```
jar uvf customization.jar -C ../libero/build/ ./org/compiere/process/
```

Then goto utils\_dev directory and ./RUN\_build.sh

After the build has completed the new customized.jar will be in \$ADEMPIERE\_HOME/lib

Adempiere should now use the customized classes.

Do you have any thoughts about using the customizations.jar for the Libero customizations to trunk classes????

I have tested here and it seems to be a good way to go.

The only problem I had is that the classes under /libero/src/org/compiere/... have not been kept in sync with the trunk classes, so I had to re-patch them.

## 2.44 *validator get the current user*

### Bazaar

By: dellph (dellph) - 2007-11-03 06:00

I am learning about validator in adempiere. how can i get the current user and its role? is it possible?

By: albert (albertachen) - 2007-11-03 10:08

AD\_User.AD\_Client\_ID=@AD\_Client\_ID@ AND AD\_User.AD\_Org\_ID in (@User\_Org@)

(AD\_User\_ID IN (0,@#AD\_User\_ID@) OR AD\_User\_ID IS NULL)

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-11-03 10:56

There is a needed method in ModelValidator:

```
public String login (int AD_Org_ID, int AD_Role_ID, int AD_User_ID)
```

You can check the user and role at login time - and set them in a class variable for usage in the other methods.

By: Ricardo (ralexsander) - 2007-11-03 16:11

Also, you can get from Environment:

```
int AD_User_ID = Env.getContextAsInt(getCtx(), "@#AD_User_ID");
```

Same for Role, just change AD\_User\_ID into AD\_Role\_ID.

## **2.45 Pay from diferent Bussiness Partner**

### **Developers**

By: DGAS (davo12) - 2007-11-02 08:47

It is possible to configure Adempiere to receive documents from the Business Partner A and pay them from the Business Partner B? .I saw that the window "Partner Relation" is a checkbox for "Pay from Address" but not if it works

-- En Spanish ...

¿Es posible configurar Adempiere para recibir documentos desde el Socio de Negocios A y pagarlos desde el Socio de Negocios B ? . Revise la ventana Parter Relation y vi que hay check para Pagar desde pero no pude encontrar donde se aplica ..

David Acevedo

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-11-02 08:51

This functionality works.

When you create Sales Order you will see that Adempiere will populate related Business Partner.  
Please check and let me know if it still works.

By: Colin Rooney (croo) - 2007-11-02 09:22

You must define the relationship first though ... you do this (I think (99%)) in the Partner Relations->Business Partner Rules->Partner Relations window!

## **2.46 disable delete button in a window**

### **Developers**

By: dellph (dellph) - 2007-11-01 04:37

i need a conditional per role base. example role 1 can delete and role 2 can not delete. is it possible?

By: karsten-thiemann (kthiemann) - 2007-11-01 05:56

as far as I know you can't do this with a minor customization like setting a flag somewhere. I guess the roles should be able to create new entries and change existing ones but \_only\_ should be prevented from deleting rows - right? Otherwise you could use the read only logic...

My suggestion would be to use the model validator to check the role (in before delete) and then return 'false' (and create an own table/tab in role window to specify the deltetion rights). Maybe look at the LCO\_Validator as an (not trivial) example: [https://sourceforge.net/forum/message.php?msg\\_id=4462327](https://sourceforge.net/forum/message.php?msg_id=4462327)

## **2.47 CurrencyConvert**

### **Help**

By: Goh Yan Chang (gohyc) - 2007-08-01 05:32

I am using v330, postgres 8.2, PL/Java 1.3 under opensuse 10.2.

When I tried to post a purchase order and I hit this problem:

```
=====> DB.executeUpdate: UPDATE M_Product_Costing SET PriceLastPO = (SELECT
currencyConvert(ol.PriceActual,ol.C_Currency_ID,a.C_Currency_ID,o.DateOrdered,o.C_ConversionType_ID,o.A
D_Client_ID,o.AD_Org_ID) FROM C_Order o, C_OrderLine ol, C_AcctSchema a WHERE
o.C_Order_ID=ol.C_Order_ID AND M_Product_Costing.M_Product_ID=ol.M_Product_ID AND
M_Product_Costing.C_AcctSchema_ID=a.C_AcctSchema_ID AND ol.C_OrderLine_ID = (SELECT
MIN(ol1.C_OrderLine_ID) FROM C_Order o1, C_OrderLine ol1 WHERE o1.C_Order_ID=ol1.C_Order_ID
AND M_Product_Costing.M_Product_ID=ol1.M_Product_ID AND o1.C_Order_ID=1000039) AND
M_Product_Costing.C_AcctSchema_ID=1000000 AND o.C_Order_ID=1000039) WHERE EXISTS (SELECT *
FROM C_Order o, C_OrderLine ol, C_AcctSchema a WHERE o.C_Order_ID=ol.C_Order_ID AND
M_Product_Costing.M_Product_ID=ol.M_Product_ID AND
M_Product_Costing.C_AcctSchema_ID=a.C_AcctSchema_ID AND
M_Product_Costing.C_AcctSchema_ID=1000000 AND o.C_Order_ID=1000039) [PostPOO1000039] [14]
```

org.postgresql.util.PSQLException: ERROR: null value in column "pricelastpo" violates not-null constraint;  
State=23502; ErrorCode=0

So I investigate and found the currencyconvert function in sqlj is returning me a null value. I have confirmed I've setup the currency rate correctly.

When I tried to run the query in postgresql:

```
SELECT currencyconvert(2950.21,102,307, now(),114,1000000,1000001)
```

It always returns null.

So I tried to use the following test found in the Currency class:

```
public static void main (String[] args)
{
    try
    {
        DriverManager.registerDriver(new org.postgresql.Driver());
        Adempiere.s_type = Adempiere.TYPE_POSTGRESQL;
        Adempiere.s_url = "jdbc:postgresql://lxsrv3sg:5432/adempiere";
        Adempiere.s_uid = "adempiere";
        Adempiere.s_pwd = "adempiere";
        System.out.println(Currency.convert(new BigDecimal(2950.21), 102, 307, new
        Timestamp(System.currentTimeMillis()), 114, 1000000, 1000001));
    }
    catch (SQLException e)
    {
        e.printStackTrace();
    }
}
```

The test returned me with the correct value.

If I use `SELECT currencyconvert(2950.21,102,307, null,114,1000000,1000001)`, it will work. Is there an issue with the timestamp passing to Java?

What's wrong?

By: Manoj (manoj\_jain) - 2007-10-27 03:31

i also face the same problem with postgresql 8.2.4 and Suse Linux Enterprise Server 10.0 (SLES). As i found this problem is due to PostgreSql. There is one preset option "integer\_datetimes(boolean)" option

By default it is "OFF" but the rpm provided by Suse for this has default "ON" for this option. We have to made it OFF. i download the postgres sourcecode and recompile it and install it and now it is working, i don't know the

other way/options to set it off in an easy way. If someone knows than please let me know.

## **2.48 Cash Journal Begining Balance Zero**

### **Developers**

By: Manoj (manoj\_jain) - 2007-10-17 04:04

i m trying to use cash journal for cash related postings but whenever i post through this beginning balance always comes to zero. Is it is a bug or i have to use in some different way?

Also i want to know that when we start using adempiere i have entries in accounts already that how can i make in into adempiere. Should i have to use direct GL Journal for Dr. or Cr. accounts that i have already. Or there is some specific way to initialize accounts when we start a new company.

By: Sandeep Verma (sandeep\_ubs) - 2007-10-19 01:07

You need to update beginning balance every time you make new entry in Cash journal. The idea is to make new entry in Cash Journal in morning, than do all cash transactions for the day and while closing for the day complete and post the Journal. Lastly, match the ending balance with the actual balance you are left with.

By: Armen (armenrz) - 2007-10-19 03:01

Just to share our experience.

In my country, Indonesia, we make entry to Cash Journal for every transaction as to create "cash voucher".

So we ended up tweaking a bit, we change 'Name' field to 'Document No', add a new column 'Balance' in Cashbook (somehow to imitate Balance in Bank Account), and update the beginning balance and ending balance automatically.

At the end of the day, we create 'statement of account' for the cashbook, showing beginning and ending balance of the day.

By: Colin Rooney (croo) - 2007-10-19 03:19

I think the cashbook functionality struggles because it tries to do two things.

Act as a ledger for POS [i.e. tills, registers whatever they're called :) ] AND as an accounting Cash Journal such as a petty cash. Which would not necessarily be opened and closed daily. But I think is both cases it should have an opening balance... in the POS situation because the POS typically has a "float", i.e. monies required to provide "change" (i.e. the difference between invoice & tendered amounts) to people; while the petty case is a continuous affair akin, as you say, to a bank account. It seems to me to be quiet complicated to figure out what the petty cash balance and reconcile this with what is actually present!

I believe it is in terms of accounting postings correct, it's just not very friendly in terms of real world usage. In fact I have been toying with the idea of creating a CASH bank account and using that instead

## **2.49 How does the accounting processor works, with what table**

### **Accounting Processor**

By: anamahepo (anamahepo) - 2007-10-11 14:54?

By: karsten-thiemann (kthiemann) - 2007-10-12 02:00

it works with all document tables (all documents that have a post button) and creates the entries of Fact\_Acct. See AcctProcessor.java for details. Especially the postSession() method. The posting is done by the Doc\_\* classes (Line 119 String error = doc.post(false, false);)

By: anamahepo (anamahepo) - 2007-10-15 12:37

I do not know why the server uses as much time after 7 days... Adempiere that he executes after 7 days?.....is for days to keep logs?

Is it recommendable to change the date next run in the data base for example with pgadmin in postgres?

By: Chris Farley (northernbrewer) - 2007-10-17 23:30

Maybe try increasing the frequency to diagnose the problem. I post every hour. I don't think changing the "date of next run" is useful. I believe you need to restart your Adempiere server after you make the change.

Try manually posting a document (by clicking the "Not Posted" button). Does it work? Is there an error?

Check your server logs to verify that it's running okay.

If you say what platform you're running the server on (Windows? Linux?) maybe somebody could give you more specifics on how to find the log files, and start/stop the server.

## **2.50 Check printing**

### **Bazaar Open Discussion**

By: Chris Farley (northernbrewer) - 2007-10-17 23:22

Anybody every have problems printing checks?

Maybe it's something with my printers, or my OS (Mac OS X), but when I print checks, they print out of sequence. Each check is a separate print job, and they go into the print queue out of sequence. This obviously is unacceptable, so for the past two years I've been doing "Preview Print", and manually printing each check. The previews tile on my desktop in the proper order, so it's totally possible to print out the checks that way, but it is a bit cumbersome.

Over the past two years I have tried a few different printers. I used print checks on a Windows box, and had the same problem.

I've always wondered if there were a way to make the checks print as a single multiple-page print job so that there would be better control of the print sequence. It would be awesome to be able to load up a bunch of checks and have them print in the right order!

I can't be the only one who's ever encountered this, right??

By: Paul Bowden (phib) - 2007-10-18 06:06

No you're not alone.

I changed the dunning run print process to print in alphabetical order but randomly some of the letters still come out of the printer out of order. I suppose as each is a separate print job a separate thread runs for each, and some of the threads manage to jump the queue. The only way to change that would be to force each job to wait for the last to return.

Alternatively you could use jasper reports with subreports to achieve a single multi-page print job. There is no way of achieving that with the built in report generator.

## **2.51 problem adding function to SQLJ**

### **Developers**

By: tasa\_nbi (tasa\_nbi) - 2007-10-14 12:41

Need some help with implementation of changes to SQLJ. I was on course of rectifying a small bug, some info views and document status lines show foreign currency amounts converted using default currency type only (usually Spot), here is what I did:

1. modified SQLJ Currency class adding new member function, something like:

```
public static BigDecimal baseType (BigDecimal p_Amount,
int p_C_CurrencyFrom_ID, Timestamp p_ConversionDate,
int p_C_CurrencyType_ID,
int p_AD_Client_ID, int p_AD_Org_ID)
throws SQLException
{
...
}
```

2. added the function to the database, executing this in SQLPLUS:

```
CREATE OR REPLACE FUNCTION adempiere.currencyBaseType (Amount NUMBER, C_CurrencyFrom_ID
NUMBER,
ConversionDate DATE, C_CurrencyType_ID NUMBER, AD_Client_ID NUMBER, AD_Org_ID NUMBER)
RETURN NUMBER
AS LANGUAGE JAVA
NAME 'org.compiere.sqlj.Currency.baseType(java.math.BigDecimal,int,java.sql.Timestamp,int,int,int) return
java.math.BigDecimal';
/
```

3. changed all occurrences of currencyBase to currencyBaseType; this is on number of SQL statements in places such as InfoInvoice, InfoOrder, etc.

4. compiled everything successfully in Eclipse

5. run utils\_dev\run\_build.bat successfully

Finally, it seems there is a problem with deployment, as when I run Adempiere and open form where change was made (such as Invoice Info) I get an error:

```
InfoInvoice.run: SELECT i.C_Invoice_ID, (SELECT Name FROM C_BPartner bp WHERE
bp.C_BPartner_ID=i.C_BPartner_ID), i.DateInvoiced, i.DocumentNo, (SELECT ISO_Code FROM C_Currency c
WHERE c.C_Currency_ID=i.C_Currency_ID), i.GrandTotal, currencyBaseType(i.GrandTotal, i.C_Currency_ID,
i.DateAcct, i.C_ConversionType_ID, i.AD_Client_ID, i.AD_Org_ID),
invoiceOpen(C_Invoice_ID,C_InvoicePaySchedule_ID), i.IsPaid, i.IsSOTrx, i.Description, i.PORreference,
",i.C_InvoicePaySchedule_ID FROM C_Invoice_v i WHERE i.IsActive='Y' AND i.IsPaid=? AND i.IsSOTrx=?
AND i.AD_Client_ID IN(1000000,0) AND i.AD_Org_ID IN(1000000,0) ORDER BY 2,3,4 [12]
```

```
java.sql.SQLException: ORA-29531: no method baseType in class org.compiere/sqlj/Currency
; State=99999; ErrorCode=29531
```

It seems somehow my changes (new sqlj.class) were not deployed properly (note segment saying: no method baseType in class org.compiere/sqlj/Currency). Strange thing is all other changes do seem to be deployed well (as you can see, new SQL function currencyBaseType was correctly translated to a call to Currency.baseType, and in general, all other changes I've made to the source were deployed correctly after running utils\_dev\run\_build.bat)

Pls. do mind my ignorance, I'm quite new at this (spent too much time with Navision, where I haven't met challenges of this nature), I believe my problem is trivial, as most likely I'm skipping something in my diy-build-procedure. Any help/suggestion is much appreciated.

By: juanka (jccaleta) - 2007-10-17 08:14

Did you execute replace\_jar?  
replace\_jar

The replace\_jar will replace a loaded jar with another jar. Use this command to update already loaded files. It's an error if the jar is not found.

Usage

```
SELECT sqlj.replace_jar(<jar_url>, <jar_name>, <redeploy>);
```

Parameters

jar\_url The URL that denotes the location of the jar that should be loaded.

jar\_name The name of the jar to be replaced.

redeploy True if the jar should be undeployed according to the deployment descriptor of the old jar and deployed according to the deployment descriptor of the new jar, false otherwise.

By: Yogesh (yogesh\_arora) - 2007-10-18 02:53

JuanKa is quite write.....replace\_jar will do the trick.

## 2.52 *Help with a libero functional test*

### Developers

By: William G. Heath (wght) - 2007-09-11 16:27

I am trying to create a complete libero functional test that is specified at [http://www.adempiere.com/wiki/index.php/Libero\\_Test\\_Plan](http://www.adempiere.com/wiki/index.php/Libero_Test_Plan). Look at functional test1 that states: Run the CalculateLowLevel process. If you look in them Libero branch in the extend directory at the source file LiberoTest1.java at line 1458 verifyProductBOM(m\_manufacturedHLProduct); I am simply trying to verify the BOM of a product. The entire functional test hangs when trying to do this. I logged into my adempiere database on postgres and attempted to run this sql statement when the functionaltest was hanging:

```
DELETE FROM M_Product_Trl WHERE M_Product_ID=1000083;
```

This statement also hanged until I stopped the functionaltest then it completed. I beleive there is some kind of deadlock occuring that is preventing sql statements from executing. Does anyone know how I might troubleshoot/fix this issue?

By: karsten-thiemann (kthiemann) - 2007-10-18 05:58

I don't have the time to install all the libero stuff here so it's just a guess..

You create a trx and pass it to your process:

```
Trx m_trx = Trx.get(Trx.createTrxName("SvrProcess"), true);  
[...]  
m_CalculateLowLevel.startProcess(m_Ctx, m_ProcessInfo, m_trx);
```

The problem may be that in SrvProcess.startProcess() the boolean localTrx checks for m\_trx==null.

```
boolean localTrx = m_trx == null;  
if (localTrx)  
    m_trx = Trx.get(Trx.createTrxName("SvrProcess"), true);  
//  
lock();  
  
boolean success = process();  
//
```

```
if (localTrx)
{
if (success)
{
```

So I think you should try it with null as parameter:  
m\_CalculateLowLevel.startProcess(m\_Ctx, m\_ProcessInfo, null);

## 2.53 Migration Oracle BLOB

### Developers

By: Ricardo (ralexsander) - 2007-11-26 12:15

I'm planning to migrate from Compiere 2.6.0a (Oracle XE) to ADempiere 3.3.0 (Oracle XE).

I have about 800 MB of attachments in database (BLOB) and I don't want to keep these objects in database. How can I migrate these files to store out of database?

By: karsten-thiemann (kthiemann) - 2007-11-26 13:01

this feature is on my agenda - but not high rated... If you have some Java (and Compiere customization) knowledge you could develop an ADempiere process to convert your attachments.

Please take a look at MAttachment.java (loadLOBData/FromDB/FromFileSystem() and saveLOBData/ToDB/ToFileSystem()). The idea would be to do a select on the AD\_Attachment table (AD\_Table\_ID, Record\_ID) create the MAttachments object with that information (it uses loadLOBDataFromDB()) and then use the saveLOBDataToFileSystem() to store the attachment in the file system.

## 2.54 Proposed additional field for 'Locator'

### Bazaar Open Discussion

By: kstan (kstan\_79) - 2007-10-13 10:31

I found that Compiere/Adempiere standard locator info is not sufficient enough for manufacturing company to further categories their product, so I proposed to add in new field call 'Locator Type'. My scenario as below:-

1. I work at metal stamping manufacturing company, we'd implement > 200 WIP locator in all department.
2. For accounting purpose we need to sum several locator into same locator type, like '1stGrinding-Reject'(from warehouse grinding), '2ndGrinding-Reject'(from warehouse grinding), '1stStamping-Reject' (from warehouse stamping) all group as Locator Type 'Reject'. In accounting report we have locator type "WIP", "WIP-onhold", "Reject", "Material", "FinishGood", "FinishGood-Onhold" and etc.

By: Colin Rooney (croo) - 2007-10-13 14:31

I do feel the "locator" is awkward to use at present.

It would be interesting to hear what Victor thinks on this subject... this might be something he already customised for Libero Mfg!?

In the meantime I will waffle on :)

In my own personal experience I have seen this handled by two different approaches (that I can remember).

The first allowed the definition at Client, Warehouse & Product of "template" locator names for certain inventory transactions. So receipt of product, for example, went by default went to "good" locator, scrapped goods would go to a "bad or scrapped" locator, output from a Mfg process to "Finished Goods" etc ... the Locator + Product was the key so there could be many locators called "good". So depending on the transaction the relevant locator



defaulted. If the locator didn't exist it was auto created and the details of how to find it (i.e. aisle, row , level etc) could be updated later. So when new product arrived first it might automatically go to a "good" locator that would be auto created and all the user had to do was say we received 10 widgets in the "main" warehouse... they could if they wished select/create another locator (for that product) but by default there was no need to...

But that whole scenario is quite different from what we have in Adempiere.

The second scenario was more like the Adempiere scenario and there was a table driven Locator\_Type but this, quite rightly in my opinion, referred to the Locator not the type of product stored there. So the locator\_type might be a shelf, or a bin or bucket etc.

BUT, there was also table drive type as in this request, but it was related to the equivalent of the Adempiere Storage record. Again, in my opinion, this is technically the more correct solution. So the Storage Type table would have Good, Bad/Scrapped, Finished, Rejected or whatever and that would describe the nature of the goods in that Storage record!

So the Locator\_Type defines the type of location and the Storage\_Type defines the Nature of that instance of the Product represented by the Storage record.

As I say, I feel the second scenario is the more technical one, but I am conscious that we should also choose a method that is user friendly. But another point is; the Adempiere DB is, in my eyes, quite warehouse (as in DB warehouse) orientated in nature so I also feel that the second scenario is more appropriate for that too.

Anyway they are my thoughts on the matter. As I said to begin with I would be interested to hear/see if & how Victor approached this Libero

## 2.55 *SLOOOOW performance*

### **Bazaar Open Discussion**

By: Chris Farley (northernbrewer) - 2007-10-15 14:28

This is probably an Oracle DBA question, but I'll see if anybody has any clues here anyway:

When I 'Complete' a POS order, it takes a very long time for the process to finish. By "a very long time" I mean up to 10 minutes. The longer Oracle has been running, the slower it gets. A reboot of my database server will restore the 'Complete' performance to 3-4 minutes per POS Order. Then it gets progressively slower again. I've poked through the code in an effort to find exactly which SQL statements are causing the delay. I'm sure it's something that I could tune. But there's a \*lot\* going on when you complete a POS order, and I'm not even sure where to begin. Is there some tool I could use to audit the performance? For example, can I log every SQL query and its execution time?

Here's a hint about my problem that I think is relevant. I run all my "POS order" transactions with only two customers, "Location 1 Customer" and "Location 2 Customer". Location 1 does a lot more volume, and the POS orders take twice as long to complete. Location 2's POS orders only take about 90 seconds to complete.

In any event, I even think 90 seconds is too long! It would be nice if I could get this speed down to just a few seconds...

By: Colin Rooney (croo) - 2007-10-15 14:49

10 minutes!!!! Now that is what I call slow ok!

And you are right even 90 secs is too long ... < 10 secs is what you want ok.

Is it a POS with cash payment?

The fact that all Orders are for two customers makes me think maybe the MBPartner.setTotalOpenBalance() might be suspect!?

As you know the POS is just automating the 4 steps; Order, Shipment, Invoice & Payment. Have you tried doing these as standard order just to see if one step is taken particularly long?

Netbeans has a profiler built in ... if you check the project out with it and run the client it gives a breakdown of how long it spends in each method (at least I think that's what it did ... I played around with it about 6 months ago but haven't looked at it since)... as you say it's most likely the DB but this might help you focus your efforts in the

search for the rouge SQL.

By: Chris Farley (northernbrewer) - 2007-10-15 15:23

No, they are POS orders that are "on credit".

I'm actually batch-importing Point of Sale orders from another system. Because there are just 2 customers, and one goes faster than the other, it seems reasonable that the MBPartner.setTotalOpenBalance() is to blame. Of course, payments do not really take very long at all. Just POS Orders.

If I create a new BP and create a POS Order, the order competes in about 3-4 seconds. It's \*waaaaay\* faster.

By: Colin Rooney (croo) - 2007-10-15 16:39

why not just use "on credit orders" then? never mind that's beside the point :)

>>actually batch-importing Point of Sale orders

But even via the the normal a single Order takes a very long time though?

>> payments do not really take very long at all

well if the Order is on-Credit then the payment is not actually occuring so I won't be that. The BP balance is updated on Invoice (or allocation of an invoice to an shipment at least) then again when it's paid ... I thought perhaps the two together might, combined with an unusual number of Invoices & Payments for the dummy customer be the issue. Of course it's difficult to test without having a whole lot data to test with!

Have you tried the profiler in netbeans? It might help pin point the issue!

Maybe there is a profiler for eclipse!? I use eclipse mostly myself, but I was just experimenting with netbeans, the uml editor & profiler last year and it was pretty straight forward.

Are you running on a client machnie or on the server itself?

If you are on a client pc is the network traffic very heavy when you run the import?

If you use a WAN profile I think it pushes the processing to the server (via an EJB bean I think) ... I wonder would that make any difference?

lastly, what about enable the trace and starting from a shell to the log appear on the console ... you might get some idea from that where the delay might be!?

Might be worthwhile, by the way are you on oracle or postgresql?

It might bve worth while checking the DB monitors too .. maybe you will see something unusual.

By: Paul Bowden (phib) - 2007-10-16 01:39

One of my users has often complained that completing invoices on our larger customers (more transactions in history) takes a long time. Her "naive" explanation was that "it takes longer because there's more stuff there". I just assumed that as an invoice is an independent transaction there was no reason for that to be the case -- and so she was most likely imagining things. It has never got bad enough for her to kick up a real fuss, so I've never investigated fully (even our largest customers are relatively small...). Plus performance tuning is such a tricky thing that I've never known where to start.

Anyway, the point of this, apart from that I should learn to take my users seriously, is that I think the performance issue might not be related exclusively to POS orders, but that it affects invoices to. (One possibility is that it is only invoices that have the problem, and as POS orders complete the invoice the effect is flowing on.) Hope this helps someone else narrow the problem down.

(You could try just creating a plain invoice for the slow POS order customer and comparing that to a plain invoice for newly created customer. Sorry I can't suggest any more professional profiling method...)

By: Heng Sin (hengsinProject Admin) - 2007-10-16 01:59

If possible, one of the best way is to profile the execution of SQL at your database server. It should be easier this way to find out the offending sql statement which should be a good hint for finding out the root cause.

By: Colin Rooney (croo) - 2007-10-16 02:01

but how can he find which sql statement to profile at the DB server?

## 2.56 *WithHolding functionality*

### **Bazaar Open Discussion**

By: Anu (anu\_netaccount) - 2007-10-05 01:02

There is a tab in business partner for withholding. But i can't use it. Also There is "withholding (1099)" window in "Partner Relation" module. Where it is used?

How one can know about withholding tax of a partner etc.

By: tasa\_nbi (tasa\_nbi) - 2007-10-16 02:54

Here is a simple trick I've used to overcome withholding tax (it is not a solution but a (cheap) workaround), anyways, my company is a withholding VAT agent, meaning for certain vendors we don't pay full amount, but issue a VAT withholding certificate. Here is simple case:

VAT is 16%

Invoice net amount is 1,000.00 + 160.00 VAT = total 1,160.00

So, we pay to our vendor only 1,000 (eventhough invoice says 1,160) and issue a VAT certificate of 160. This 160 is remitted to the revenue authority at the end of the month, when your input/output VAT is settled.

Here is what we do – I've created a dummy bank account, called "Withholding VAT", and configured accounting so that Bank Asset (actually In-Transit) accounts point to Withholding VAT account. Then we record two payments:

Payment One 1,000 from our ordinary bank account

Payment Two 160 from "Withholding VAT" bank account

Both payments are allocated against the invoice – thus invoice gets fully paid. Checks printing from Withholding bank you can actually use as Withholding Vat certificate reference.

Same way you can handle input withholding VAT, that is when you get a receipt from your customer for NET amount and a VAT withholding certificate. Then you'd make two receipts, one for NET amount to your regular bank account (or cash journal), and another for VAT amount to your dummy Withholding VAT bank.

Hope this helps (although it would be nice to have that withholding tax functionality completed in Adempiere).

By: Mutha (wangaruro) - 2007-10-16 04:15 Talking of withholding Taxes I can see that in the subversion globalqss has done some work towards that area.

<http://adempiere.svn.sourceforge.net/viewvc/adempiere/contributions/Localizations/Colombia/>

Maybe you can download them and have a look at how he has gone about them.

## 2.57 *How to get rid of migration scripts for AD?*

### **Developers**

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-10-13 09:31

Hi developers, currently we have two nightmares when contributing:

- migration scripts for dictionary- system id management

This thread is trying to bring ideas to solve the first one.

Yesterday I had an idea about maintaining the whole system dictionary as 2pack package, as a POC I created two packages:

ApplicationDictionary -> All records with System Client and System ID's

GardenWorldSeed -> All records with GardenWorld Client and System ID's

I uploaded all SQL's used and GardenWorld generated package (as a sample) here:

[http://adempiere.svn.sourceforge.net/viewvc/adempiere/contributions/stuff/POC\\_AD\\_2pack/](http://adempiere.svn.sourceforge.net/viewvc/adempiere/contributions/stuff/POC_AD_2pack/)

If you want to test please run the:

Migration\_script\_to\_create\_packout.sql

and execute packout for the created packages.

The idea is:

\* We could keep the whole system dictionary as a 2pack package. Then instead of creating migration scripts for

insert/update the application dictionary we simply change the XML.

- \* This way we can keep track about which version included/modified which record - and who

- \* In other words the whole system dictionary will be seen as a source file

Problems:

- \* To delete a record from the AD (very unfrequent) we would need to delete from the XML, but still needs migration script

- \* The GardenWorldSeed XML file is 6MB (maybe manageable) - but the ApplicationDictionary XML is 82MB (mostly unmanageable - AltovaXMLSpy couldn't open such big file - many text editors can)

- \* We could try to cut the package in smaller parts - but then we are going to have problems to manage dependencies (foreign keys) - the dictionary needs to be imported in specific order. Maybe we could try cutting down the package in four levels:

1st level - initial (client, element, window ...)

2nd level - database (reference, valrule, table, column ...)

3rd level - GUI (fieldgroup, tab, field ...)

4th level - others (process, task, menu ...)

- \* Another big problem is:

- generating the GardenWorldSeed spent 6 hours

- generating the ApplicationDictionary spent also 6 hours

Sure that 2pack can be enhanced, I saw many (but MANY) queries that can be cached, i.e. retrieving columns and column properties for a table (a query for each record for each column)

- \* I haven't tested importing the package, but I'm sure it will be VERY SLOW - again 2pack can be improved to make it fast

And probably there will be tables that can't be imported and we would need changes on 2pack to cope with the situation.

If we could manage the proposed situation then instead of generating the migration scripts, the developer would need just to generate and commit the packages.

Ah, almost forgot this one: we would need to change 2pack to keep the ID's when importing/updating system ID's (<1000000)

What do you think?

Ideas?

Improvements?

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-10-13 10:46

interesting questions and i would say very correct questions.

>\* To delete a record from the AD (very infrequent) we would need to delete from  
>the XML, but still needs migration script

I think that approach have to be different and i think that working approach is to add XML attribute to records and mark it as deleted.

Something like this:

<AD\_Client deleted="true" > or <AD\_Client deleted >

<AD\_Client\_Value>GardenWorld</AD\_Client\_Value>

</AD\_Client>

This allows system to identify record in AD\_Client table with key 'GardenWorld' and delete it.

>\* We could try to cut the package in smaller parts - but then we are going to have problems to manage dependencies >(foreign keys) - the dictionary needs to be imported in specific order.

This can be done.

By: Heng Sin (hengsinProject Admin) - 2007-10-13 17:35

for big xml, one solution is like this  
- <http://xml.silmaril.ie/authors/includes/>

for delete, we can either

- \* add a delete attribute, suggested by Trifon in another post
- \* move the deleted elements to a separate file ( for e.g, the packout.zip file would have deleted.xml in addition to packout.xml, the process should then treat all elements in deleted.xml for delete instead of import )
- \* add a delete tag, something like `<delete tableName="xxx", keyColumns="key1,key2", keyValues="values1,values2" />` . We will need to extend the application dictionary to store unique key for table to make this work.

Some issues that is pending for 2pack:

- \* Not complete, for e.g, attachment is not yet implemented.
- \* Performance issue.
- \* Trx issue - DDL would commit what is pending, hence if you have error after running of any DDL statement, it wouldn't rollback to where your system originally are. PostgreSQL supports transactional DDL but not for Oracle. However, Oracle have this flashback feature which can be use to achieve the full rollback.  
[http://www.oracle.com/technology/deploy/availability/htdocs/Flashback\\_Overview.htm](http://www.oracle.com/technology/deploy/availability/htdocs/Flashback_Overview.htm)

The following links contains more details on the use of xml entity

- <http://www.xml.com/pub/a/98/08/xmlqna1.html#EXTENT>
- <http://www.xml.com/pub/a/98/08/xmlqna2.html#ENTDECL>

By: Marco LOMBARDO (marlom9000) - 2007-10-14 03:54

I told you in Berlin ID distribution and sql migration scripts would soon or later become a nightmare. Isn't it?

Please evaluate ideas from the Freeway ADempiere subproject.

It's waiting for comments :-)

<http://www.adempiere.com/wiki/index.php/Freeway>

Usually is a good practice to analyse and write down all problems, or as many problems as possible, and find a solution for all of them before start to write code ;-)

As you can see we are not writing code: we are writing down and define actors and problems.

I wrote some of them but no one, including me, knows the whole picture.

The base idea is to manage a CVS-like cycle of operations (test in the working dir, commit, update, conflicts...) for changes made to the AD.

Let me know on the discussion page. At the moment it has only a comment from the Master...

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-10-14 11:23

For ID management I opened another thread and I believe this is a good working solution for centralized automatic reservation (extensible even for customization ID's reservation). But I would prefer to comment about that on the other thread.

About this thread goal -> migration scripts

I suppose your proposal of ADpatch+AD\_Plugin can be useful - but what I've seen in this community is very few people contributing to this type of needed enhancements.

So, confronting this reality, I'm trying to get a solution with what we have currently -> 2pack.

I'm not happy with the results - 6h of processing for export is unacceptable - as well as 82MB of an XML file.

But the idea here is to start rolling the ball - sure that others can improve the idea, Victor already did it proposing integrating some ddlutils with 2pack.

But again we confront same reality -> WHO IS GOING TO DEVELOP THIS?

In this case I think is preferable a non-perfect solution implemented, than a great idea that nobody is wanting to develop :- ( [I don't like this statement but I think is our current reality with this type of enhancements]

At least non-perfect solution can solve the problem at this moment and evolve to become a better solution.  
Or as in this case a non-perfect solution can get the attention of developers to motivate them to implement a better solution.

I'm going to comment on Victor's post about what I think we need as a solution for this migration script.

By: Victor Pirez Juarez (vpj-cdProject Admin) - 2007-10-13 19:01

Well, when I saw this post, I remembered the of migration schema from oracle to postgresSQL using ddlutils

I questioned. can we using ddlutils to do and solve this issue, current the AD, DDL, Data are in xml file.

<http://adempiere.svn.sourceforge.net/viewvc/adempiere/trunk/db/ddlutils/model/?pathrev=3519>

<http://adempiere.svn.sourceforge.net/viewvc/adempiere/trunk/db/ddlutils/data/?pathrev=3519>

the process to export and import the schema using ddlutils is more fast that current 2pack.  
would be interesting if we use the ddlutils infrastructure to import and export using 2pack.  
What do you think?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-10-14 11:44

Hi Victor, good this is taking shape.

I think DDLUtils must be better than 2pack to manage this type of requirement, but I'll try to do a comparative:

2pack benefits:

- is already done and working (need some improvements but little)
- XML more readable - uses search keys instead of ID's
- can manage easily the required precedence of import (to avoid foreign key problems)
- already managing insert and update on any table
- the query to export the data is completely configurable (in this case the PackOut I created just export system records with system ID's)

- guarantee to export the data ordered (is a must)

- the POC idea works with one-click

\* -> one-click to export the package

\* -> one-click to import the package and update the dictionary

2pack inconvenient:

- currently very slow (6h exporting is unacceptable - and I haven't tested importing but probably is slower)
- the XML output file is too big (82MB is unacceptable)
- currently is just exporting one big PackOut.xml file - it could be enhanced to manage several smaller files
- still we would need migration scripts for DDL (alter/create/drop) and one DML (delete)
- migration scripts as a whole dictionary can be problematic - maybe would be better to develop a tool that analyzes the changes on the dictionary and construct the corresponding insert/update/delete

DDLUtils benefits:

- I suppose must be fast

DDLUtils doubts: - I don't know if DDLUtils can update records when importing (or just insert), this is a must

- I don't know if DDLUtils can export the file ordered and filtered (I suppose it can)

DDLUtils inconvenient:

- it's not integrated with adempiere UI - requires development (who is going to?)

Still not solutions - just ideas to discuss and improve. At least we all agree this is a nightmare that worths the effort to be solved :-)

By: Heng Sin (hengsinProject Admin) - 2007-10-14 22:06

I think it is important to create a related tracker item or wiki entry for this so that we can: \* Track status

\* Put names on it - important to know who can help to implement this.

2Pack can definitely be improve to handle migration ( the concept and skeleton is already there ), we just need some hand :)

The bigger problem is ID management and ease of development ( conflict management is important here for good team work support ). The tagging and versioning concept is a proven concept that we can explore on ( I think this is what is propose by the Freeway initiative ).

For ID management, I'm on the camp that believe we shouldn't managed this and leave it to the DB but I'll accept the majority decision here.

## 2.58 *Query for look Sessions of users in postgres*

### Developers

By: anamahepo (anamahepo) - 2007-10-15 12:41

What is the query for look at the sessions actives of the users and how kill this session?

By: Timo Kontro (kontroSourceForge.net Subscriber) - 2007-10-15 13:37

Adempiere does not enforce sessions - AFAIK.

There exists AD\_SESSION table but it is not checked when doing queries.

If you kill database connection from postgres client just opens new one and continues same session.

So administrator has no means to 'throw user out' and require him to log in again.

In swing client authentication and authorization is done at client side and it connects to database using db-owner's username and password.

This causes many security issues. I have tried many ways of fixing this behavior but gave up. FUBAR

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-10-15 15:45pgadmin has a window to look for open sessions and monitor the queries running on each session.

By: Bahman M. (bmovaqar) - 2007-10-15 16:25

The following query lists all open sessions and the relevant PIDs.

```
SELECT Activity.datname, Activity.procpid, Shadow.username, Activity.current_query
FROM pg_stat_activity Activity
INNER JOIN pg_shadow Shadow
ON (Activity.usessid=Shadow.usessid);
```

## 2.59 *How to create customer assets*

### Functional-ERP

By: busybee (gunda) - 2007-03-12 16:20

Can someone please explain to me the process of creating customer assets, i.e. products with non-sequential serial numbers? At current, I set up an asset group and associated it with a product group which the "asset to be" is part of. In the manual, it says that a customer asset is created when it is delivered. Does this include electronic delivery only? Is it possible to create a customer asset through a ship receipt? Is the asset created automatically when shipped or do I have to create one?

This is quite an important functionality for us and I would very much appreciate some help.

By: busybee (gunda) - 2007-03-14 14:37

I have looked through all posts on Compiere's Website and found and implemented the following:

1. Create a new asset group
2. create a new product group and assign new asset group to it
3. create a new attribute set
4. assigned the product to the attribute set
5. created a material receipt for the new product into which I entered a serial number.



6. completed material receipt, confirmed shipment receipt

At this stage, I can see stock for the product in material transactions/product transactions.

From this stage on I have the following problem:

7. When I place a sales order for the product, I cannot select the specific instance (serial number). The window that opens up shows no records.

Please help me to resolve this. It drives me crazy as I spent many hours on this but cannot find how to do it.

By: Colin Rooney (croo) - 2007-10-12 07:40

And, in the storage detail report do you see your product with "Attribute Set" Instance?

If so are you sure you are creating the sales order from the same warehouse?

If so provide more details on how you defined the Attribute Set.

The basic steps you have described should be all that is needed.

On the question of Assets, from the little I've experimented with it I'm not sure it works 100% to be honest... I think it was developed by compiere for the selling of their electronic manuals! The basics concepts are all there but I think the implementation is lacking.

## **2.60 Printing Check**

Functional-Financials

By: dellph (dellph) - 2007-10-11 06:34

with printing checks. in adempiere i want to print the payment selection header information in the check. i manage to output all rows of the payment selection header but not the selected one. i want to output only the selected payment selection record. how can i filterit? hope somebody can give me enlightenment.

By: dellph (dellph) - 2007-10-12 07:17

I will answer my question. i have edit the view c\_payselection\_check\_v and added the fields i want to display and update application dictionary. :)

## **2.61 Problems reversing GL Journal**

gFunctional-Financials

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-10-11 19:13

I found a bug and a possible wrong behavior when reversing GL Journal.

For the bug I opened a bug tracker here:

[ 1811934 ] Reverse Accrual for GL Journal not working

[http://sourceforge.net/tracker/index.php?func=detail&aid=1811934&group\\_id=176962&atid=879332](http://sourceforge.net/tracker/index.php?func=detail&aid=1811934&group_id=176962&atid=879332)

and I'm requesting functional approval for the solution there.

The other issue I'm not sure if this is a bug so please we can discuss it here in forums - and I'll open a bug if you think is a bug:

When we reverse (correct or accrual) a Journal Batch - the status of the journal batch is left "Reversed" - but the status of the corresponding Journals is left as "Complete".

Can this have bad implications? Or is just visually ugly.

By: Joel Stangeland (jssolutions) - 2007-10-11 20:07

hmmm, seems wrong to leave the records as Complete when they have been reversed.

By: Colin Rooney (croo) - 2007-10-12 03:43

I concur that it seems strange, but this is how all reversals are managed ... I \*think\* (but I don't have a setup to test on at the moment) that the same happens for documents such Orders & Invoices etc

One possible reason for leaving the reversal doc as complete is that then you can reverse the reversal? maybe?

The bit I don't like about this process (and when I get some time in the future I will look at) is the reversal is just the



normal process of the document with negative values. The entered values are copied from the original document so that is ok but if there are derived values (such as costs in a shipment) it uses current values. I think these reversals and voids should be handled differently in the accounts processor ... it should IMO access the acct\_facts of the original document and use these values for the creation of its postings (negating or changing DR/CR column as needed). But that's a bigger task that requires lots of changes and time to test!

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-10-12 09:29

Hi Colin, maybe I didn't write well.

Orders & Invoices change the status to "Reversed" when reversed - excuse me the pleonasm :-)

Journal Batch also change the status to "Reversed"

the problem is that journal batch has associated journals

and the journals have also a DocStatus field

and the status of the journals is left as "Complete"

and I'm just wondering if the status for the journals must be "Reversed" just as the status of his batch parent.

BTW, this document is special because the Complete button is on Journal Batch, and the Post button is on Journal.

And on the example you did the behavior of this document is different also.

When you reverse orders and invoices, the new document created for reversal is completed.

In the case of Journals the new document created is left as "Draft", and yes, in this case you can reverse the reversal.

By: Colin Rooney (croo) - 2007-10-12 09:59

Indeed I misunderstood, I thought it was in reference to the new "reversal" document.

This can get confusing... there is original document which has the DocStatus "reversed" and a new reversal document with the DocStatus completed :) I understood you thought the reversal document should be have the docStatus reversed too! In response the why question; the ability to reverse the reversal document was the only reason I could think of for setting both DocStatuses to "reversed". But now I understand what you say... and yes I would think the journals DocStatus should also be reversed as with the journal batch... or at least I can thinking of no reason why it shouldn't.

Although I must have seen it I never noticed before that for GL Journals the DocAction was on the Batch but postings on the journal! :)

## 2.62 BOM functionality and Libero BOM

### Developers

By: Victor Perez Juarez (vpj-cdProject Admin) - 2007-10-11 23:10

I think is very import know what this the current BOM functionality and Libero BOM

Current BOM Functionality:

- Current BOM is using to generate a product kit, you define a BOM and if you can this product in Sales Order then it can are show in Order, Shipment , or Invoice.

Current BOM is using to generate a product configure the form limited, you define group alternative , this is showed in Drop BOM you choose the product and Sales order is fill.

Current BOM is using to production module the way very limited

The current BOM do not support:

- 1.- a Document No to Engineering Control
  - 2.- Do not support Effective date that is using o way intensive in pharmaceutical industry
  - 3.- Do not support the creation the formula
  - 4.- Do not support BOM Alternate, a Product can have multiples BOM and user can choose the indicate to a process
  - 5.- Do not support % the scrap of each component
  - 6.- Do not support BOM multi level
  - 7.- Do not support Define a component as by-product, co-product, tools, packing,document
- Libero BOM Functionality
    - Support generate manufacturing order
    - Support generate maintenance order
    - Support generate quality order

## Support Product Configuration multi level

- 1.- Support Engineering change use Document No and version
- 2.- Support Effective date that is using o way intensive in pharmaceutical industry
- 3.- Support the creation the formula based in % batch
- 4.- Support BOM Alternate, a Product can have multiples BOM and user can choose the indicate to a process
- 5.- Support % the scrap of each component
- 6.- Support BOM multi level
- 7.- Support Define a component as by-product, co-product, tools, packing,Document

Libero do not support:

- 1.- kit product, the migration is possible, only is necessary refactory the name table the system should use the Libero BOM vs Current BOM

About the tables that Joel said is right it are of incomplete functionality, I think we can delete and the system do not will affect.

What is Libero?

Libero is way to e-Evolution called your contribution, so e-Evolution have the next contribution:

- 1.- Libero Manufacturing - Entity Type EE01
- 2.- Libero Payroll - Entity Type EE02
- 3.- Libero Cash Flow - Entity Type EE03
- 4.- Libero Distribution Order - Entity Type EE04 , coming soon ...

Then when we to talk to integrate Libero in the trunk,we are to talk of Libero Manufacturing. Libero Manufacturing:

Here exit 2 great subject the AD and core code Modification

- 1.- Application Dictionary.

Database Tables

Table Name: S\_Resource:

I add some field, in Libero any resource to manufacture is a resource, here I added some field as (Is Manufacturing Resource,Manufacturing Resource Type,Daily Capacity,Percent Utilization, Queuing Time, WaitingTime ) for do not effect the current function I add a new windows called Resource Manufacturing  
Its changes do not affect the current functionality.

Table Name: M\_Cost\_Product

here I added a CurrentCostPriceLL field to M\_Cost, it field save the lower level cost generate to process Roll-Up.

Table Name : AD\_Workflow

Libero Manufacturing need a place to management Routing of process, here is where we indicate what are resource and time you need to manufacture a product.

My decision was not create a new table and using the current infrastructure of ADempiere, so I go to used the Workflow here, I add some field (DocumentNo,MovingTime, ProcessType, QtyBatchSize, QueuingTime,S\_Resource\_ID , SetupTime)

this fields do not modify the current functionality to the workflow.

Table Name: AD\_WF\_Node\_Node

In a routing of process is necessary indicate what is the task that need to performance the a process, I used the workflow node to indicate the task and resource necessary to execute a step into manufacturing process

Here I add next field (C\_BPartner\_ID,IsMilestone,IsSubcontracting, Movingtime,OverlapsUnits, QueuingTime , S\_Resource\_ID, SetupTime, UnitsCycles, ValidFrom, ValidTo)

This fields do not affect the current functionality of workflow.

This are tables are showed in a new windows called Manufacturing Workflow

Table Name: M\_Product

Adempiere Libero need know what is low level code to a product in all BOM , MRP this way know when need consolidate the requirement, in this table I added the field LowLevel

Again this field do not affect the current functionality.

Table Name: M\_Transaction

Adempiere Libero made some inventory transaction.

I added the field necessary to support the tradability and tracking (PP\_Order\_BOMLine\_ID,PP\_Order\_ID)

Table Name: M\_ForecastLine

Adempiere Libero need most detail to indicate when is necessary a forecast this way MRP know where and when supply a product. I added DatePromised , M\_Warehouse\_ID

so, this are all my modification Into Application Dictionary .

## 2.- Code Core

In my development I tried have to separate the Libero code from core code ,my intension is my code do not intrusive. so it is the structure the libero code :

New Package called org.evolution

Here is the structure very simile current code of trunk

org.evolution.form

org.evolution.model

org.evolution.msg

org.evolution.process

org.evolution.tools

all the code are separate the trunk, the way to interact with the core code is via Model Validator. But exist some class that need are modify in core code, I tried some way to solve this but until now I find not a way to get. The class that need change are all model class the table I changed.

But as Teo say in other post I need integrate my new functionality into core code to management fact account record.

Unfortunately accounting engine do not work same way that model class with Model Validator.

So, I need to add the support in:

Doc.java adding support new account document the Manufacturing Order.

DocumentEngine, adding the Behavior to DocAction to Manufacturing Order.

Finally I added a new SQLj function into the new class called Manufacturing.java.

Here are all the change that I made to AD and core code.

Disadvantages to Libero Manufacturing integration

1.- In any new functionality need are improve, and I am sure that the people will find some issue in Libero Manufacturing the way that we find in ADempiere.

2.- Is necessary integrate the same kit functionality with BOM of Libero, current the ADempiere BOM is only used to management the kits and limit production module.

So I think do not complex to migrate, but it current situation do not truncate with the current functionality

3.- when we go to Libero Manufacturing to trunk, the people begin with multiple request and question,I hope have the time to aware :-)

4.- Is necessary create new functionality to generate a sql log where are all modification to Database this way we can get the script migration easily.

Here my idea is using CStatement to generate the sql log file.

if you find some other disadvantages please you need say.

Advantages to Libero Manufacturing integration

1.-New functionality to Manufacturing Industry:

-Management Enginery

-BOM & Formula

-Resource Manufacturing

-Workflow Manufacturing

-Planning

-Product data Planning

- Forecast
- MRP (Material Requirement Planning)
- CRP (Capacity Requirement Planning)
- Production Control
- Management Manufacturing Order
- Maintenance Order
- Shop floor Control
- Activity Control Report
- Manufacturing Costing
- BOM Cost Roll-UP
- Workflow Cost Roll-UP
- Quality Management
- Quality Specification
- BOM to Quality
- Procedures and Methods to Quality
- Print of tests and Quality certificate in his case

2.- If we get the Libero Integration then we can confirm that Adempiere can increase and we will be warranty the future to Adempiere.

3.- ADempiere and libero join all supply chain management will be support , and will do of ADempiere the ERP Open Source more big this world has ever known :-)  
if you find some other advantages please you need say.

## 2.63 *Understanding Workflow*

### **Bazaar Open Discussion**

By: Dominic (dmt10) - 2007-10-10 21:51

I have been using compiere/adempiere for 6 months now, and I am trying to understand how to design Workflows. I understand that workflow is like a scripting language on top of adempiere which can be used to customize and perform complex operations automatically.

I also get the impression that every thing is document based. I do not understand quite what this means.  
can any one tell me how they got started?

one problem I want to solve is depreciation. so there are some asset accounts which have a certain value, and over a set period of time the various asset accounts reduce in value according to some rule. calculating the value is simple, but i don't know how to do it in a workflow or how to get the depreciated amounts into the general ledger.

I have a few other problems which are similar, for example, involving generating invoices, or projects with line quantities calculated in a particular manner.

By: karsten-thiemann (kthiemann) - 2007-10-11 01:46

I don't think that a workflow can be a solution for that problem. As you stated right the workflow applies for documents only and is triggered by the different document states (prepared, completed, closed etc.) but I think that you can solve your problem with the scheduler. The scheduler defines recurring processes - so as an example you could write a process that calculates the new values and creates gl entries and run this once a day (or maybe week). There is an example in garden world.

By: Heng Sin (hengsinProject Admin) - 2007-10-11 02:14

depreciation should be done using the fixed asset module, there is an installable fixed asset module ( a 2pack package ) that I believe should meet your requirements.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-10-11 02:20

I think that Fixed Asset extension can help you to solve your tasks.

<http://adempiere.svn.sourceforge.net/viewvc/adempiere/trunk/packages/FAPack006.zip>

## 2.64 *Purchase Order Approval*

### Functional-ERP

By: aobahopkins (aobahopkins) - 2007-03-07 20:08

For the Purchase Order Approval, do you know how to setup / modify Workflow for Purchase Order Approval? Who know? Thank you.

By: Alejandro Falcone (afalcone) - 2007-03-08 07:40

I don't know the condition you want to approval the order, but as example I configure with the condition: If TotalLines > 10 then require Approval. You can modify to adjust your needs.

Quickly....

1) Go to Window Workflow Editor

a) Select Process\_Order

b) Add Node "Approve" (To do it, right button and Create new node)

c) Right button on (DocPrepare) and select Add Line (DocPrepare) to your new node (Approve)

d) Right button on (Approve) and select Add Line (Approve) to (Complete)

2) Go to Window Workflow

a) Select Process\_Order workflow

b) Into Tab: Node

b.1) Edit your new node (Approve)

b.2) Enter Key 110 and some Description (Example: Please approve)

b.3) Field Action: select "User Choice"

b.4) Field Column: Select "Is\_Aproved\_Aproved"

b.5) Save

If you want you can select a workflow responsible (before to Save)

c) Into Tab: Transition

c.1) Select Field Next Node to (DocComplete)

c.2) Save

d) Into Tab: Node

d.1) Select Node "(DocPrepare)"

e) Into Tab: Transition

e.1) Edit the new transition "Approve"

e.2) Into Field Next Node, select "Approve" that you have created above

e.3) Into Field Sequence: Set to 10 (must be < 100)

e.4) Fill the Description field. e.g. Total Lines > 10

e.5) Save

f) Into Tab: Condition

f.1) Create a new record

f.2) Into field Column: Select "TotalLines\_Total Lines"

f.3) Into field Operation: Select ">"

f.4) Into field Value: enter 10

f.5) Save

Done

## 2.65 *Production Quantity Bug*

### Developers

By: Anu (anu\_netaccount) - 2007-10-09 02:54

i have a product with some bom qty in fractional qty like e.g .0028 etc. for one unit production but when i try to use production then in production line tab it shows zero qty.

When i search the code i found that in M\_"Production\_Run" process, there is getInt()method is used for retrieving quantity from Products BOM and then multiply by the qty of product that we have to produced. This makes the result to be in int. I think there should be getDouble() method inplace of getInt(). I have searched the bug tracker for this type of

bug but not found. Should i open a new bug or it is already(May be i have not found).

By: Colin Rooney (croo) - 2007-10-09 03:48 Submitting bug reports:

If you think you found a bug (and it certainly sounds like it), then please create a bug report. And if you also have a patch you can create a patch, reference the bug report and attach the patch. A diff file is typical and if you have more than one file you can zip then together to simplify this step. For future reference do mention what version the patch files are based on. See

[http://www.adempiere.com/wiki/index.php/QAStart#So\\_you\\_think\\_you\\_found\\_a\\_new\\_bug\\_.E2.80.93\\_what\\_now.3F](http://www.adempiere.com/wiki/index.php/QAStart#So_you_think_you_found_a_new_bug_.E2.80.93_what_now.3F)

## 2.66 *webbased custom frontends for Adempiere*

### **Developers**

By: chrisc\_at (chrisc\_at) - 2007-09-26 06:18

We have a project, where the base Functionality of Adempiere fits very good.

But the User Interface (for some adempiere functionality only) must be very specific and web Based.

In the presentation from idalica in berlin we have seen, that they did some of these projects already. I think is a very good way to make projects with adempiere.

My question now is the following:

From your experience, which is the best web technology to build such custom web frontends:

- -> compiere style (webstore, webui)
    - not preferred
    - no framework
    - old technology
  - -> Posterita POS style
    - struts based
    - would be a good solution I think
  - -> Posterita Ajax ZK UI Style
    - could fit as well - cool ajax style ;-)
    - any experience from real projects with this ?
  - -> others ?
- By: Ashley G Ramdass (agramdass) - 2007-10-05 13:32  
Having worked with all the different technologies/frameworks you have mentioned, my choice for implementing web based projects as layer on ADempiere is surely Apache Struts.  
The reasons are:
    - a framework whereby codes maintenance will be easy
    - good separation of logic and view
    - integration with ADempiere very easy
    - Has proven to be very stable, reliable and efficient in very large and concurrent web stores.

As for the servlet and hand coding of html ("a la Compiere"), will be very good for projects where much flexibility in codes is required and for ZK, the Ajax UI is using a more "Swing like" development but still going for ZK scripting is pretty much the same, but ZK is still under heavy development cycles thus may be problematic if you are looking for something stable.

There are other frameworks that may be worth looking at, but no concrete integration has yet been done with ADempiere thus I won't be mentioning them here.

By: chrisc\_at (chrisc\_at) - 2007-10-08 02:03

Thanks a lot for your advice !

We as well think struts is a good architecture for building such frontends.

Do you have any experience how this architecture scales (in combination with the adempiere code) ?

Would it be possible to build a e-commerce solutions with thousands of transactions a day ?

By: fredtsang (fredtsang) - 2007-10-08 02:35

Yes we have experience in this area, that's our speciality: Adempiere + Web.

We have done a couple of e-commerce solutions with Adempiere. There was some issues in terms of scalability but it has now been fixed. We currently have a customer who's website is in production with thousands of transactions. It's stable

By: chrisc\_at (chrisc\_at) - 2007-10-08 02:45

Thanks for the feedback.

We already realized that you are the web + adempiere experts !

Keep on the good work ... !

I guess the connection pooling stuff added recently was part of the scalability troubleshooting ?

By: fredtsang (fredtsang) - 2007-10-08 02:48

Thanks for the good word.

That is correct the connection pooling was the issue that needed to be fix for the scalability.

## **2.67 db connection inside eclipse**

Developers

By: flo\_k (flo\_k) - 2007-10-09 12:57

i try to see the tables from the postgresql db inside eclipse. I wrote this howto

([http://www.adempiere.com/wiki/index.php/De\\_DE/eclipse\\_connect\\_postgresql](http://www.adempiere.com/wiki/index.php/De_DE/eclipse_connect_postgresql)) its in german, but if you follow the pictures all will be self-explaining, but the thing is, i can connect to the db, but i cannot see any tables of the db ? Does someone uses this database development option inside eclipse and knows what i do wrong?

By: Colin Rooney (croo) - 2007-10-09 13:33

I didn't even now that perspective was there :)

Not exactly an answer to your problem but I've been using the Quantum plugin with eclipse for years now ... it's simplistic but that can be a plus & works fine (I've been using it with oracle but so long as there is a driver it'll work with anything).

You can get it at <http://quantum.sourceforge.net/update-site>.

## **2.68 Need Some Extra Functionallity**

Developers

By: omid (omidp) - 2007-10-10 06:14

In Some of window like sales order or cash journal

There is posting Button I want to implement it in my window that i made with application dictionary is it possible ? Or i should create M\* Class ?!

Also In cash journal window we can calculate Sum of beginning balance and statement difference from another tab (Cash line).

How can i implement this extra functionality into my own window that i created with application dictionary ?

By: Teo Sarca (teo\_sarca) - 2007-10-10 06:30

Basically you need:

1. Create a posting class:

```
package org.compiere.acct;
```

```
public class Doc_MyDocumentName extends Doc {...}
```

and implement abstract methods from Doc class



2. Edit org.compiere.acct.Doc class
  - 2.1. Append to array Doc.documentsTableID:  
I\_My\_DocumentName.Table\_ID
  - 2.2. Append to array Doc.documentsTableName:  
I\_My\_DocumentName.Table\_Name
  - 2.3. Modify org.compiere.acct.Doc.get(MAcctSchema[] ass, int AD\_Table\_ID, ResultSet rs, String trxName)  
factory method and add:  
else if (AD\_Table\_ID == I\_MyDocumentName.Table\_ID)  
doc = new Doc\_MyDocumentName (ass, rs, trxName);
3. Create the model class and implement DocAction interface:  
public class MDocumentName extends X\_My\_DocumentName implements DocAction {...}

PS: pay attention to naming convention.

By: karsten-thiemann (kthiemann) - 2007-10-10 06:42

maybe this will help you:

[http://www.adempiere.com/wiki/index.php/How\\_to\\_create\\_a\\_new\\_document\\_with\\_specific\\_accounting](http://www.adempiere.com/wiki/index.php/How_to_create_a_new_document_with_specific_accounting)

## 2.69 *Record of expenses on different expense place*

Functional-ERP

By: kaca (katjakositer) - 2007-10-09 03:49

We have an issue with invoices like electricity, which we must divide between different expense places.

What am I thinking with expense places. We have a plastic production, wood production, metal production. All together, they need some electricity, but if I want to know weekly, what is the gain or loss of separate production,

I have to divide this expanse between them. So at the beginning of the year, we defined % of this electricity expense for single production and all the year, I have to do posting of every electricity invoice on three different accounts, calculate this % by foot (I mean with that, there is no automatic).

A lot of companies have this problems (I do not know how do you, others, say to this expense places in accounting). So I think we should find the solution for automatic work here. We should define somewhere charges dividing percentage. If anyone has similar problem, I would like to discuss about it. If there is any solution for that already done, I would appreciate to see it, If not, I would like to talk about the suggestions and after some conclusion, I have the resources (programmers), who will work on that.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-10-09 04:13

In Adempiere we have functionality which allows amount posted to some account to be divided between other accounts. I'm not sure how was the name of window which allowed this functionality to be setuped, but i think that it can work in your case.

By: Colin Rooney (croo) - 2007-10-09 03:58

I've not personally tested it so I would advise testing well before use... but it sounds like what you require is the GL Distribution [http://www.adempiere.com/wiki/index.php/Adempiere3.1.2/en/ManPageW\\_GLDistribution\\_olh](http://www.adempiere.com/wiki/index.php/Adempiere3.1.2/en/ManPageW_GLDistribution_olh)

After you have defined the Distribution rules here, you would then create one Invoice with perhaps a charge posting to a General Electricity account which would actually result in multiple posts as defined by your Distribution rules.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-10-09 04:26

I have tested it one of the old version and it works.

## 2.70 *check printing*

Functional-ERP

By: dellph (dellph) - 2007-10-08 23:29



I have made a payment selection header with 3 payment selection line paying 3 different invoice. when i print the check using payment print/export it produces 3 check print and 3 remittance advice. this is supposedly 1 check for the 3 invoice paid. how will i do that in adempiere? hope somebody can give me enlightenment

By: dellph (dellph) - 2007-10-09 18:14

I will answer my question, i found out the 3 different invoice has a different business partner so adempiere made 3 checks for it. but if you have the same business partner in the 3 invoice and made a payment selection for the 3 invoice. voila! 1 check for 3 invoice.

## **2.71 Negative Inventory**

Functional-ERP

By: LEEC (chonglee) - 2007-10-08 21:52

Is there any way to prevent inventory from going negative eg. while do a sales order, screen prompts that there is not enough stock but user still forces sales order to go thru and the stock balance goes negative. is there a way to stop the sales order from being saved and deducting stock.

By: Redhuan D. Oon (red1Project Admin) - 2007-10-09 05:33

Try checking the delivery rule for that business partner if its FORCE. It shuld be AVAILABLE.

By: Colin Rooney (croo) - 2007-10-09 06:03

You must allow only "Standard Orders" (Quote, Proposal & Material return are ok too!) as a Target Document Type (all the others types use the Force Delivery) or to be more specific you must only allow "Target Document Types" defined as using the "SO Sub Type" of "Standard Order". All documents using one of the other SO Sub Types are coded to use the "Force" "Delivery Rule". So, that will stop the system creating Forced delivery documents. Then you must stop the user selecting the "Delivery Rule" manually. You can do this by deactivating "Force" as a "Delivery Rule" in the Reference window of the Application Dictionary.

By: LEEC (chonglee) - 2007-10-09 18:48

Thanks and answers much appreciated. Have tested it out and it works as advised.

## **2.72 InfoProduct and Price Precision**

Help

By: Andrea (rnd4) - 2007-10-08 03:38

I'm working with Adempiere 3.2.0 I can't change the default of 2 for Price Precision in InfoProduct.

I have a lots of product that cost around 0.0014. For this reason I have set, on my price list, PricePrecision to 4 but InfoProduct still show up only 2 decimal (letting the use see that the product costs..... zero! ;-) )

The other windows (e.g. purchase order) show the correct 4 digits for decimal part of the price  
Any clue? Is there some other place where I have to change the default price precision?

By: Teo Sarca (teo\_sarca) - 2007-10-08 10:40

There are some hardcoded issues about displaying amounts, qtys etc. If you have access to source code, you can try to modify:

org.compiere.util.DisplayType.AMOUNT\_FRACTION variable and the set it to 4.

By: Andrea (rnd4) - 2007-10-08 11:05

Yes Teo, my version of Adempiere is customized, so I got access to source code (thanks to open source!)

It works perfectly, thanks!!

By: Teo Sarca (teo\_sarca) - 2007-10-08 11:03

Ok, I've tested, on org.compiere.util.DisplayType.getNumberFormat(int, Language) method, on line aprox. 260 you have:

else if (displayType == Amount)

```
change to:
else if (displayType == Amount)
{
format.setMaximumIntegerDigits(MAX_DIGITS);
format.setMaximumFractionDigits(MAX_FRACTION);
format.setMinimumFractionDigits(AMOUNT_FRACTION);
}
```

By: Andrea (rnd4) - 2007-10-08 11:11  
oops.. I just seen your last message Teo!  
The change in `format.setMaximumFractionDigits(..)` give the correct results.

I am thinking of beefing up our Charts of Accounts with more sheets that derive from the first sheet such as:

- This is so that others using the COA can plan their accounts easily without looking through the long first sheet and just have simpler specific views on the other sheets. What do you think? If that is ok, i will upload it to paches (again pls advice if there is another way i should upload it).

It is the account ID which really matters from a techie aspect - as it is the key of the record. However, having a logical coding structure does make it easier to group accounts when writing reports.

By 'sheet' i mean the Accounting.xls having 1 sheet in there, and i suggest making the other sheets refer to that 1st sheet but to show only simplified info mainly meant for newbies and non-accountants to better grasp the concept of a COA.

By: Colin Rooney (croo) - 2007-10-08 04:02

ahhh, an excel sheet ok :)

I rarely looked at the excel sheet ... I think it's easier to review the COA from within Adempiere because the tree structure allows you to look at the higher summary levels but also "drill down" for more detail when needed.

a) Plan Brief which shows only the summary accounts from the first sheet.

b) Defaults which shows only the Defaults Accounts from first sheet.

I used filters to do this when I looked at the spreadsheet first time.

By: Redhuan D. Oon (red1Project Admin) - 2007-10-08 12:10

Yeah Colin, i m now looking at it for the first time seriously. :-) So i wonder, hmm, let's help those newbies that come after me, will ya?

The Daniel Norin's editor is also fine, but it doesnt hurt to have a better filtered excel in tandem.

By: Colin Rooney (croo) - 2007-10-08 14:57

do you mean how to explain how to filter the worksheet?

well it's pretty standard stuff. I don't use excel myself but openoffice... but from memory Excel was similar.

In OoCalc goto data/filter->autofilter

Then for the Summary Accounts (a) only use the dropdown for the "account summary" (column G) to select those with yes.

For (b) default accounts only select "-standard-" from the dropdown of the "default account" (column H) to bring up the standard filter criteria window. Select Field Name = [Default\_Account] condition = "=" and value = "-not empty-" (but sure to deselect the summary accounts first... summary accounts are never defaults)

And that's it ... not much to it!

By: Redhuan D. Oon (red1Project Admin) - 2007-10-08 03:58

I reckon the '1' or '10000' doesnt matter from the financial reporting grouping logic cos its the parent summary key that groups the totals of the values. If that is so, it becomes clearer on the freedom of COA numbering.

By: Colin Rooney (croo) - 2007-10-08 04:10

yes red1,

the 1 or 10000 doesn't matter for reporting its purpose is just to help you understand at a glance the account's place in the COA

By: Michael Judd (mjudd) - 2007-10-09 01:49

In some countries (typically those deriving from the prescriptive style of accounting) the numbering can be important. For instance, a numbering schema is prescribed within the EU Schedule 7 chart of accounts which is required to certain degrees for certain countries in Europe. For example - I understand that in Germany you are required to be able to trace all transactions back to the coding structure as dictated by EU Schedule 7 - where as in France you just need to be able to run reports according to the standard.

By: Colin Rooney (croo) - 2007-10-09 06:29

Yes of course I said numbering "doesn't matter for reporting" but what I meant was there is no "Technical Implications" arising from using different numbering schemes for the COA.

## 2.74 JAVA 6

### Developers

By: sam (sam24368) - 2007-09-28 22:58

We have downloaded the trunk a few hrs before and have problems with the following classes [webbased custom frontends for Adempiere](#) Whilst using JDK 6.

01) CCallableStatement

02) ServerConnection

Is this happening to anyone else ?

By: Heng Sin (hengsinProject Admin) - 2007-09-28 23:09

Compilation - Java 5

Server runtime ( oracle ) - Java 5, Java 6

Server runtime ( postgresql ) - Java 5

Client runtime - Java 5, Java 6

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-09-28 23:10

As Far As I Remember Adempiere required modifications in order to work with Java 6.

It was JDBC i think.

By: sam (sam24368) - 2007-09-28 23:17

Thanks Trifon . the modifications are in CPreparedStatement, which we have done.

By: Teo Sarca (teo\_sarca) - 2007-09-29 05:44

The problem with CCallableStatement and ServerConnection is that we need to implement some methods from inherited interfaces, in order to compile with java6.

We already made the modifications to work with java6. Please open a bug report and i will commit the modifications commented, like in CPreparedStatement.

By: Puwadej Potitappa (puwadej) - 2007-10-02 21:51

I have used FC7 and Java 6, also found the same error and already opened a bug report.

By: Teo Sarca (teo\_sarca) - 2007-10-03 00:31

Please take a look at:

BF [ 1806700 ] Compile error on JAVA 6

[http://sourceforge.net/tracker/?func=detail&atid=879332&aid=1806700&group\\_id=176962](http://sourceforge.net/tracker/?func=detail&atid=879332&aid=1806700&group_id=176962)

## 2.75 *pljava and postgresql problem on debian etch*

### Help

By: Thierry Andriamirado (netsika) - 2007-09-28 09:52

Following the install article found on

[http://www.adempiere.com/wiki/index.php/Debian\\_and\\_PostgreSQL\\_Install](http://www.adempiere.com/wiki/index.php/Debian_and_PostgreSQL_Install) step by step, I

encounter error messages when installing pljava support in the main postgresql cluster.

Debian etch, java-1.5.0-sun, postgresql-8.1, postgresql-pljava-1.3.0

The first error message line is: could not load library "/usr/lib/postgresql/8.1/lib/pljava.so":

/usr/lib/postgresql/8.1/lib/pljava.so: undefined symbol: JNI\_CreateJavaVM

The last messages are of type:

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: JNI\_CreateJavaVM

After googling and re-checking, I saw that libgcj was not installed. but doing an "apt-get install libgcj7-0" and re-launching the pljava support install gives the same error msg.

Bellow are the command line, and the whole error message:

when entering:

```
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/postgresql-pljava-1.3.0/src/sql/install.sql"
```

it says:

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: JNI\_CreateJavaVM

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: JNI_CreateJavaVM
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

```

By: Thierry Andriamirado (netsika) - 2007-10-02 10:25

I succeeded in making our pilot server running on debian etch. As I said above, I followed the install article found on [http://www.adempiere.com/wiki/index.php/Debian\\_and\\_PostgreSQL\\_Install](http://www.adempiere.com/wiki/index.php/Debian_and_PostgreSQL_Install) step by step but it didn't work for me (pljava and maybe other issues. Couldn't solve all the stuffz).

For those interested or having the same issues, I'll describe bellow what I did. Not guaranteed, but it worked for me. It will be short, as I'm still in late in my implementation and have to do a demo soon. Decisive for Adempiere and other Free Software solutions to be used there!

- 1- Declare a debian etch backports repository
- 2- apt-get PostgreSQL 8.2 (NOT 8.1)
- 3- apt-get sun-java6-jdk (NOT java5)
- 4- follow instructions on

[http://www.posterita.org/mediawiki/index.php/PostgreSQL\\_Installation\\_on\\_Ubuntu\\_%28with\\_PL/Java%29\\_for\\_ADe mpiere](http://www.posterita.org/mediawiki/index.php/PostgreSQL_Installation_on_Ubuntu_%28with_PL/Java%29_for_ADe mpiere)

- (once again, thanks to Posterita guys).
- 5- That's all

Keep in mind that:

- \* I installed the backported java package, not the Sun one. Had to change JAVA\_HOME.
- \* Maybe does it work with the pgsq 8.1 and java 1.5 debian etch packages? Didn't try. You can give it a try if you don't want the backports solution.

\* During pljava installation, don't forget to type 'cd /opt/pljava' before running the 'java -cp postgresql.jar:pljava.jar.....' command

## 2.76 *Color/Size in Product Attribute per Instance*

Functional-ERP

By: aobahopkins (aobahopkins) - 2007-03-15 00:52

We have tried to test the ADempiere for the Product with Multiple Attributes in Ordering and also in Inventory by a Single Product Information, for example, there is a situation to use One "T-Shirt" Product with Color (Red/Blue/Green) and Size (Small/Medium/Large) for processing its Ordering and Inventory with its Color and Size.

For our testing of the above example, we have defined two Attributes (Color & Size) as "Instance Attribute" with linked to a Attribute Set with "When Shipping" Mandatory Type. And then we create a New Product using this Attribute Set without Value Selected in here.

Next, we create a "Standard Order" Sales Order to order the above Product with the selected values of Attribute Set Instance (e.g. Red/Large), then we got an Error Message "Insufficient Qty on Hand" and unable to Save the Sales Order Line. Hence, we can't make a sales order of Product with Attribute Set Instance in "Instance Attribute" Type.

Hence, would anyone know how to define the Product Attribute with Color and Size as "Instance Attribute" for Ordering and Inventory Movement? Thank you.

By: busybee (gunda) - 2007-03-15 03:17

I have posted something similar. I got it to work one step further. You need to book stock in with this particular instance. I guess, you purchased stock, so you need to do a PO (select the product and complete the details in the product instance tab for the items), vendor invoice and ship/receipt. You can check the quantities on hand in the product info.

I struggle with the next step: to select the specific instance in a sales order. If you have worked this out, please let me know.

By: Colin Rooney (croo) - 2007-03-15 03:49

I haven't used attributes so perhaps we are talking about a different message... but typically if I enter a product for which there is no stock available, I get a message "No Inventory Available" .. but this is just a warning! I click ok and can save the line and continue! I can also complete the document, but of course it cannot be shipped as the stock is not available. This lack of stock will feed into the replenishment report! and when the stock finally does arrive the order will (assuming any other rules are met) now appear as a shipable order.

By: aobahopkins (aobahopkins) - 2007-03-15 19:29

Thank you for your reply. For the above Error Message, it is occurred in a Sales Order if the Product is assign a "Attribute Set" which is a "Instance Attribute". And also, we have tried to create a Purchase Order and to perform Purchase Receipt of this PO, the Same Error Message is occurred for creating Sales Order of this Product with Same Attribute Set Instance Value of Purchase Order.

And also, according to the real business environment, the Purchase Order and its Receipt may not be performed before creating Sales Order of a Product with Specific Attribute Set Instance Value.

Hence, would anyone tell us how to solve this error with corresponding setting or trace it as a bug to be fixed in future release of ADempiere? Thank you.

By: Colin Rooney (croo) - 2007-03-16 04:25

I had thought perhaps they they might be the same message but after translation from English to a translated version and then translated back for the purpose of posting in the forums that it was the same ... sorry about confusing you more!

I haven't implemented attributes myself so perhaps I should say nothing and leave it to others who have experience but in the absence of such people posting I can speculate; if it helps you reason out what the problem might be? So with that in mind; I think it comes down to this Instance Attribute. When we use the word instance we typically are talking



about a unique existing item. So I'm working on a notebook model 4711 but the serial number on the bottom identifies a unique instance of model 4711. So, likewise, when you select an Instance Attribute on an Order the system expects it to exist!

When you set the Instance Attribute flag on when creating a Attribute Set this is what it expects... the Attribute will identify an instance ... the examples in GardenWorld are Serial Number and Lot.

Again I don't know 100% but it was my understanding that the Attributes are not intended for creating sub-products. So again taking a Garden World example of T-Shirts .. they can be red, white & blue and in Sizes Small, Medium & Large are attributes. But to the system a T-Shirt is a T-Shirt .. the cost the same and are equally exchangeable. So I would order a T-Shirts! Not 10 Large White T-Shirts! Notice how in the GardenWorld example they actually have two products TShirt-GL (Green & large) and TShirt-RL (Red-Large) so we can track & price them separately. I think if the Attribute is important for you you need to do the same.

So what is the point of an Attribute you might ask? well my old compiere manual explains the difference as;

An Instance Attribute Set identifies a specific instance of a product while

An Non-Instance Attribute Set is used for searching.

So you use it when someone asks "Do you have a small red t-shirt?" you go to your product search would enter in the attributes small & red and it will say we have 10xproduct number TShirt-SR in stock at such a location.

Look closely at how the TShirt & Fertiliser products in GardenWorld are defined and used!

While I guess that wasn't the answer you hoped for I hope that at least gives you some food for thought

By: abgalphabet (beta2799) - 2007-10-02 02:23

I have encountered the same problem as well while I did the test on Adempiere 3.2.0. I think it's a ASI bug. It should be fixed in the trunk. Please comment and try to reproduce as following steps:

1. Create an attribute set with instance attribute of Color and Size
2. Create a product with the attribute set created in Step 1
3. Create a Standard Order
4. Add a order line with the product created in Step 2 without ASI and Save (it'd be successful with qty warning message)
5. Add a order line with the product created in Step 2 with ASI (Color and Size) and Save (it'd be failure with qty error message "Insufficient Qty on hand")

I think it wouldn't prohibit you place an order no matter what the stock level of such product. Or is there any system parameter to control this behavior?

By: Colin Rooney (croo) - 2007-10-02 03:02

I don't think it's a bug beta, but a misunderstanding of what the attributes are.

There are two types of attributes & attribute sets; Instance and non-instance.

A common "instance" attribute is a serial number. It identifies, uniquely, a specific instance of a product.

Attributes such as colour & size are "non-instance" attributes... many products can & will have the same value so the attribute in itself does not identify the product, it is simply descriptive. When an AttributeSet includes an instance attribute its "Instance Attribute" flag is set positive. Now when you create a Sales Order, the order line allows you to specify a "Attribute Set Instance" - not an attribute set but an instance of an attribute set.

So you cannot, for example, order a blue car but a car with the instance attribute VIN number = 12345 is ok.

Not a widescreen notebook but a notebook with the serial number SN654234.

So the error message you are referring to is saying equivalent ... we don't have a product (i.e. we have zero quantity of) with instance attribute "Red" "Small" as if Red and Small were unique instance identifiers.

And you are correct in that normally it does not matter how many of a product you have in stock at the moment of Sales Order entry. But in this instance you are indicating you, by entering the Attribute Set Instance, that you are selling a unique/specific instance of a product and the application is saying ... we don't have that instance.

If you need, for example, to manage T-Shirts in sizes Small, Medium & Large you need to create product numbers for each.

So what is the purpose of the non-instance attributes then?

Well they are simply descriptive. In the T-Shirt example in gardenWorld, it allows you to search for a product. If someone asks do you have a Shirt in size Large and colour Green you can fill these values in in the Product Search and it might respond with, "yes we have a quantity of 10 of the product number "TShirt-GL". You might also have other stocks of clothing so it might also say ... and quantity 5 of product number "Cotton-Shirt-GL" with these attributes. The

product is not T-Shirt & Cotton Shirt but rather you must create a product for each combination you wish to track.

By: abgalphabet (beta2799) - 2007-10-02 21:23

It's very nice explanation. Thanks. It makes clear about the difference between instance and non-instance attribute set. Maybe it's the purpose of the attribute set and the intention of the original designer to design such feature. I just doubt that it may not be applicable to real situation unless heavy customization has made.

Our corporate is a manufacturing firm and we would face some nasty problems if I take advantage of the ASI in it's original design feature as you said:

1. high admin costs.

- Define a non-instance attribute set for style, color and size
- Define a product for each style, color and size combination, normally a style could have 10 colors and ~20 sizes
- All same style of different color and size share the same price and cost
- Normally, color or color codename are known since customers have placed an order, i.e. when issuing a standard order
- It's error-prone to admin huge amount of the same product with different AS value only

2. interface not user-friendly

- Imagine how heavy the daily workload would be in using the as-is Adempiere/Compiere version in entering the serial no during an simple inventory move, for example, only one product of qty 1000

To get around this practical problem, I think ASI needs further enhancement to cater for different industrial needs flexibly. My suggestion are:

1. Attribute supports table type, just like Reference List, besides List
2. ASI dialog support fields in Search field type besides List
3. New mixed approach in ASI, inbetween instance and non-instance AS. Let users define, e.g. color and size, non-instance nature attributes in a instance attribute way (Hope you can understand what I mean)

Could you give me advice or direct me to another threads discussing about the ASI debate or problem?

By: Colin Rooney (croo) - 2007-10-03 06:13

I'm in a bit of a rush today so I only have time for a quick answer.

Yes I agree with most of what you say.

There are some scenarios where the current setup works ok. In my current project for example... lucky me :) The client is a reseller of engineering consumables (i.e. cutting tools, drill bits & blades etc). They have a possible product list of 200K plus products as their suppliers sell the products in a wide variety of attributes... but the suppliers number each variation as a separate product .... hence the 200k plus numbers. But finding the right product number in a list of 200k can be an issue so being able to select a 75mm titanium bit with a 5mm diameter and diamond edges is made a lot easier with the use of attributes.

But I fully accept that it does not work in all cases.

I'm torn as to if (as an example) a large green T-shirt is the same as a red small T-shirt; I can think of arguments for and against. But regardless I agree it should be easy! ... and flexible enough to cover all our needs.

From my experience, what I think is missing in adempiere is a "sales configurator". If we take a product we all here have experience of ... computers. We choose a model but then we can add more memory, extra disks perhaps options on the CPU ... but it's still the same basic model that we order. It is possible, in this situation, to create a BOM including the different options and use the "BOM Drop" to make the selection and add to an Order. But I don't think it could, in any sense, be considered user friendly.

There is some work on this and the serial number issue in the wiki

[http://www.adempiere.com/wiki/index.php/ADempiere#Sponsored\\_Functional\\_Enhancements](http://www.adempiere.com/wiki/index.php/ADempiere#Sponsored_Functional_Enhancements)

## 2.77 *Libero payroll question*

Libero Payroll is very flexible.

First you need define all of concepts to payroll, the concepts can be define the different way, for instance:

Concept : Salary

Type: Concept

Column type: Amount



if you set yes in the Employee checkbox then it is an attribute to employees

Concept : Children  
Type: Information  
Column type: Quantity

Concept : Late Arrivals  
Type: Concept  
Column type: Quantity

if you set yes in the Is Registered checkbox then it indicate that the concept is data entry, you have capture it into the incidence form.

Note the Default checkbox to a concept indicate it is recurrent in each period to payroll .

Concept : Income tax  
Type: Engine Rule  
Column type: Amount

if you set the type as Engine Rule then the concept ask into attributes tab what is the rule, so you need define a Rule Engine Calculation into Rule Engine window.

example to a calculate:

result = getConcept("Salary") \* 15;

It take salary concept and multiply to 15 and result is set in Income tax concept.

## 2.78 *PLJava install not working*

### Help

By: affreux (affreux) - 2007-09-27 11:06

I installed JDK 1,6 , PostgreSQL 8,2,5 and Adempiere on a WinXP SP2 following the instructions on the wiki:

[http://www.adempiere.com/wiki/index.php/Adempiere\\_Install\\_WinXp](http://www.adempiere.com/wiki/index.php/Adempiere_Install_WinXp)

It seems that PLJava is not activated. I tried to reinstall PostgreSQL, making sure PLJava was checked for install.

I've tried hard, but ultimately I am a newbie. So I can't find where I goofed.

Here is a copy of what the terminal says related to pljava:

```
org.adempiere.apps.graph.BarGraph.<init>(BarGraph.java:72)
org.adempiere.apps.graph.PAPanel.init(PAPanel.java:136) org.adempiere.apps.graph.PAPanel.<init>(PAPanel.java:60)
org.adempiere.apps.graph.PAPanel.get(PAPanel.java:48) 'Y','org.postgresql.util.PSQLException: ERROR: Unable to
load class org/postgresql/pljava/internal/Backend using CLASSPATH 'E'-Djava.class.path=.;C:\Program
Files\Java\jre1.6.0_02\lib\ext\QTJava.zip" SELECT COALESCE(SUM(currencyBas e(invoiceOpen(C_Invoice_ID,
C_InvoicePaySchedule_ID),C_Currency_ID, DateAcct, AD_Client_ID, AD_Org_ID)),0)
```

By: Ivan Popov (johnniepop) - 2007-09-28 09:15

The only thing you need to do on WinXP in order to install PLJava is to set properly some environment variables. If so, the PG installer does the labor. Activating PLJava afterwards is another issue.

So, lets say you installed your JDK here: C:\jdk1.6.0\_02

Then in System > Properties > Advanced > Environment Variables you must have the JAVA\_HOME variable set like this:

JAVA\_HOME C:\jdk1.6.0\_02

Don't worry if you installed only JRE and not the JDK (with the JDK we're interested in the built-in JRE indeed). Just watch.

The PATH variable needs to be appended with few values delimited with semicolon:

PATH C:\Program Files\PostgreSQL\8.2\bin;C:\jdk1.6.0\_02\jre\bin;C:\jdk1.6.0\_02\jre\bin\client

And finally you have to append (or define if not set at all) the following value to the CLASSPATH variable:

CLASSPATH C:\Program Files\PostgreSQL\8.2\share\pljava\pljava.jar

This path still does not exist on your hard drive, but don't worry about this either.

Now the PostgreSQL installer has all the needed info and when the installation wizard takes you to Additional scripting languages choice the PLJava's check-box should be enabled for selection.

Last night I installed the 8.2.5 version of the PostgreSQL and had no problem on this. The problem appeared when I tried to activate the PLJava language from the pgAdminIII. In the tree on the right when expand postgres database, on the language node, from the context menu pick 'New language'. From the name's drop down menu, you can see the possible choices, but pljava is not in the list.

To add it you have to run a SQL script. It is located somewhere in a pl directory somewhere (I can't remember right now) in the PostgreSQL installation path. After successfully running the script (some values are written in postgresql.conf) the pljava name should appear in the aforementioned list. Yes but not exactly. Obviously there is some change to 8.2.5 (it worked in 8.2.4) or I missed something because running the script showed an error. The error was about NOT-FINDING-A-FILE-WHICH-IS-ACTUALLY-THERE! The interesting part was that the given path was written with UNIX (forward) slashes (/) and not the needed Win (backward) slashes (\).

I hope this is a bug and they will fix it soon.

But after all this is not my big problem.

The BIG problem is that I'm stuck here with PLJava on Ubuntu. As for the PostgreSQL 8.2.5 - I couldn't install it at all from the sources - it missed a 'readline' library that I can't find anywhere :(

So I let ubuntu install the 8.2.4 version from the repositories (through Synaptic). It was a little adventure with the tiny jungle called 'documentation' but after all I managed to gain some level of control over the server (thanks to the Webmin guys too! Perfect tool!).

But after trying everything I could find as an instructions for installing PLJava and failed, I ended up here, wining.

One conclusion I made is that this tutorial: [http://www.adempiere.com/wiki/index.php/Debian\\_and\\_PostgreSQL\\_Install](http://www.adempiere.com/wiki/index.php/Debian_and_PostgreSQL_Install) can not be applied (unfortunately) to the 8.2.x versions of PostgreSQL.

Frankly I really don't know what to do anymore.

## **2.79 Stopping a role reversing invoice/payments**

### **Bazaar Open Discussion**

By: Anu (anu\_netaccount) - 2007-09-27 22:57

Can we stop a role from void or reversing invoice/payments etc. But the User can still complete/close and post. Also can we stop void or reversing a invoice if it is paid. Same for Payments and Bank Statements.

By: karsten-thiemann (kthiemann) - 2007-09-27 23:13

I developed this functionality (limit doc actions by role) - please try it:

[https://sourceforge.net/tracker/index.php?func=detail&aid=1782412&group\\_id=176962&atid=879335](https://sourceforge.net/tracker/index.php?func=detail&aid=1782412&group_id=176962&atid=879335)

It's just waiting for last testing by deathmeat and will be integrated in trunk. Please notice that the migration script is the oracle version. If you are on pg you may need to change something (types like nvarchar2) - if you do this please share the new script with us.

## **2.80 incoming emails(POP3)**

### **Bazaar Open Discussion**

By: kevin0426 (kevin0426) - 2007-09-26 03:17

I want to make adempiere parse incoming emails(POP3) and transform them to requests, and some operators of our customer service department can process those requests manually.

[http://www.adempiere.com/wiki/index.php/Sponsored\\_Development:\\_Emails\\_to\\_Requests](http://www.adempiere.com/wiki/index.php/Sponsored_Development:_Emails_to_Requests) says this feature is under construction.

[https://sourceforge.net/forum/forum.php?thread\\_id=1765276&forum\\_id=610547](https://sourceforge.net/forum/forum.php?thread_id=1765276&forum_id=610547) says it could be implemented in Adempiere 3.2.0.

Which one is correct? and if the feature is OK, how to implement it?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-09-26 09:54

Hi Kevin, you can consider it in beta status.

Please feel free to test it and give us feedback (suggestions on improvement, patches, etc).

Currently it needs IMAP to work.

By: kevin0426 (kevin0426) - 2007-09-26 21:32

"changed Request User to kevin" in previous message should be corrected to "change Request User to kevin0426@fastmail.com".

I've registered an email account on <http://www.fastmail.fm> which supports IMAP. The email address is kevin0426@fastmail.fm.

I logged adempiere as SuperUser@System, selected Client Window, filled all fields of 'Request Management' as blow:

Mail Host: mail.fastmail.fm SMTP Authentication: checked

Request EMail: kevin0426@fastmail.fm Request Folder: request

Request User: kevin0426 Request User Password: xxxxxxxx

Server Email: checked

then, I clicked 'Test Email', finally I got an error window: 'System: (ME) - Invalid Username/Password - EmailAuthenticator[kevin0426/\*\*\*\*\*]'

I changed Request User to kevin and tried again, the same error window displayed.

I went to <http://www.fastmail.fm> and checked my mailbox, an email from fastmail.com said that I could not use SMTP service free and should upgrade.

Is there any free email supporting IMAP&SMTP? I just want to test adempiere's feature 'emails to requests'.

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-09-26 21:44

I think with current development you can use different accounts/servers for SMTP sending and IMAP reading.

I have never tested this service but maybe can serve for your purposes: <https://inmail24.com>

By: kevin0426 (kevin0426) - 2007-09-27 01:40

[http://www.adempiere.com/wiki/index.php/ManPageW\\_Client](http://www.adempiere.com/wiki/index.php/ManPageW_Client) says: "Mail Host is the host name of the Mail Server for this client with SMTP services to send mail, and IMAP to process incoming mail."

I entered mail.inmail24.com, and clicked "Test Email" button, it said "System: (ME): Could not connect to SMTP host: mail.inmail24.com, port: 25; - AD\_Client\_ID=0 java.net.ConnectException: Connection timed out: connect".

I changed mail host to smtp.inmail24.com, and clicked "Test Email" button, it displayed "processing...please wait..." and never return.

Should the mail host field be splitted to 2 fields: SMTP host and IMAP host?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-09-27 09:34

I'm not sure if we're talking about the same need.

I think you're trying to test the "Request EMail Processor":

[http://adempiere.com/wiki/index.php/ManPageP\\_RequestEMailProcessor](http://adempiere.com/wiki/index.php/ManPageP_RequestEMailProcessor)

As you can see this process require complete configuration in parameters (host, user, password ... etc) - this program is not using the configuration on Client window.

> [http://www.adempiere.com/wiki/index.php/ManPageW\\_Client](http://www.adempiere.com/wiki/index.php/ManPageW_Client) says:

> "Mail Host is the host name of the Mail Server for this client

> with SMTP services to send mail, and IMAP to process

> incoming mail."

From the code we inherited from Compiere there is no "incoming mail" process.

The "Request EMail Processor" is a complete new contribution to Adempiere.

By: kevin0426 (kevin0426) - 2007-09-28 00:31

When a new email arrived at my email box, I tried "Request Email Processor", entered values and clicked 'start', it displayed "processing...please wait...", and finally displayed a window: "Do you want to start the Process?"

\*\*processInbox - request:0 error:0". I clicked "yes" and the window disappeared, and no requests could be found.

Here is my enters(my Client is "Test"):

IMAP Host: mail.inmail24.com

IMAP User: kevin0426@inmail24.com  
Request Folder: Inbox  
Inbox Folder: Inbox  
Error Folder: Inbox  
Role: Test User  
SalesRepresentative: TestUser  
RequestType: feedbackTest  
UserImportance: High  
Confidentiality: Public Information

## 2.81 *problem installing*

### **Bazaar Open Discussion**

By: vshpigel (istarin) - 2007-09-17 04:59

I am trying to install ADempiere 3.20 from tarball. Running RUN\_setup.sh goes successfully till testing the jdbc connection.

My pg\_hba.conf file contains:

host all all 0.0.0.0/0 255.255.255.255 trust

But still an error occurs during configuration testing while connecting to jdbc postgresql.

How can it be helped?

by: Bahman M. (bmovaqar) - 2007-09-17 05:17

> host all all 0.0.0.0/0 255.255.255.255 trust

As per PostgreSQL documentation

host DATABASE USER CIDR-ADDRESS METHOD [OPTION]

it should be

host all all 0.0.0.0/0 trust

By: vshpigel (istarin) - 2007-09-18 01:56

OK, that's what I did now. The error is the same:

"Error connecting: jdbc:postgresql://debian-server:5432/template1 - postgres/"

What should I do?

By: Bahman M. (bmovaqar) - 2007-09-18 02:06

Have you set a password for user 'postgres'?

By: vshpigel (istarin) - 2007-09-18 03:14

Yes, I did and am trying to use it in the adempiere setup window - no luck.

I have installed postgresql-8.1-pljava-gcj package.. maybe I should somehow else add jdbc support to postgresql?

RE: problem installing

By: vshpigel (istarin) - 2007-09-18 03:25

I am trying to follow this FAQ

[http://adempiere.com/wiki/index.php/HOWTOs\\_and\\_FAQs#RUN\\_ImportAdempiere\\_related](http://adempiere.com/wiki/index.php/HOWTOs_and_FAQs#RUN_ImportAdempiere_related) in section "Create new adempiere database with postgresql" but when I come up to this "java org.postgresql.pljava.deploy.Deployer -install - database adempiere" I get "Exception in thread "main" java.lang.NoClassDefFoundError:

org.postgresql.pljava.deploy.Deployer" and then doing this logged in as adempiere: "select sqlj.install\_jar('file:/home/admin/ADempiere/ADempiere/lib/sqlj.jar','sqlj',true);" I get "ERROR: scheme "sqlj" does not exist"

((

RE: problem installing

By: Bahman M. (bmovaqar) - 2007-09-18 04:15

For instructions on using PL/Java deployer see:

<http://wiki.tada.se/display/pljava/Deployer>

An example would be java -cp c:\deploy.jar;c:\postgresql-jdbc.jar org.postgresql.pljava.deploy.Deployer -install - database adempiere

By: vshpigel (istarin) - 2007-09-18 04:46

I have set up 'postgres' password as you told me.

Now I do this as root or as admin user:

```
java -cp /opt/pljava/deploy.jar:/home/admin/postgresql-8.1-410.jdbc3.jar  
org.postgresql.pljava.deploy.Deployer -install -database adempiere
```

and I get "bash: /home/admin/postgresql-8.1-410.jdbc3.jar: Permission denied" whatever permissions I set up for this file.

Excluding it from the command gives:

```
java -cp /opt/pljava/deploy.jar org.postgresql.pljava.deploy.Deployer -install -database adempiere  
java.lang.ClassNotFoundException: org.postgresql.Driver  
at java.net.URLClassLoader$1.run(URLClassLoader.java:200)  
at java.security.AccessController.doPrivileged(Native Method)  
at java.net.URLClassLoader.findClass(URLClassLoader.java:188)  
at java.lang.ClassLoader.loadClass(ClassLoader.java:306)  
at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:268)  
at java.lang.ClassLoader.loadClass(ClassLoader.java:251)  
at java.lang.ClassLoader.loadClassInternal(ClassLoader.java:319)  
at java.lang.Class.forName0(Native Method)  
at java.lang.Class.forName(Class.java:164)  
at org.postgresql.pljava.deploy.Deployer.main(Deployer.java:238)
```

By: Bahman M. (bmovaqar) - 2007-09-18 04:58

When on Linux/Unix, you should use ':' instead of ';' as the path separator.

By: vshpigel (istarin) - 2007-09-18 05:52

oops, I'm sorry!

```
java -cp /opt/pljava/deploy.jar:/home/admin/postgresql-8.1-410.jdbc3.jar org.postgresql.pljava.deploy.Deployer -install  
-database adempiere  
throws an Exception:  
org.postgresql.util.PSQLException:  
at org.postgresql.core.v3.ConnectionFactoryImpl.doAuthentication(ConnectionFactoryImpl.java:325)  
at org.postgresql.core.v3.ConnectionFactoryImpl.openConnectionImpl(ConnectionFactoryImpl.java:94)  
at org.postgresql.core.ConnectionFactory.openConnection(ConnectionFactory.java:65)  
at org.postgresql.jdbc2.AbstractJdbc2Connection.<init>(AbstractJdbc2Connection.java:116)  
at org.postgresql.jdbc3.AbstractJdbc3Connection.<init>(AbstractJdbc3Connection.java:30)  
at org.postgresql.jdbc3.Jdbc3Connection.<init>(Jdbc3Connection.java:24)  
at org.postgresql.Driver.makeConnection(Driver.java:369)  
at org.postgresql.Driver.connect(Driver.java:245)  
at java.sql.DriverManager.getConnection(DriverManager.java:525)  
at java.sql.DriverManager.getConnection(DriverManager.java:171)  
at org.postgresql.pljava.deploy.Deployer.main(Deployer.java:252)
```

Database adempiere exists and has user adempiere as it's owner.

By: Bahman M. (bmovaqar) - 2007-09-18 06:10

You should pass '-user' switch to deployer.

I should have stated more clearly; I mean have you set a password for 'postgres' database user -not the Linux postgres user?

If no the following will help you:

```
$ psql -U postgres -d postgres
```

```
# ALTER USER postgres ENCRYPTED PASSWORD 'password_for_postgres_user';
```

By: vshpigel (istarin) - 2007-09-27 04:03

I am trying to follow the "Debian and PostgreSQL Install" document ([http://www.adempiere.com/wiki/index.php/Debian\\_and\\_PostgreSQL\\_Install](http://www.adempiere.com/wiki/index.php/Debian_and_PostgreSQL_Install)) on Adempiere wiki but when it comes up to the proper compiling of pljava(which I think was the source of my problem) I get an error:

```
debian-server:/usr/local/src/postgresql-pljava-1.3.0# make all
make[1]: Entering directory `/usr/local/src/postgresql-pljava-1.3.0/build/classes/pljava'
javah -classpath . -d /usr/local/src/postgresql-pljava-1.3.0/build/jni <jni classes>
Exception in thread "main" java.lang.NoClassDefFoundError: gnu/classpath/tools/JavahMain
```

```
make[1]: *** [/usr/local/src/postgresql-pljava-1.3.0/build/jni/.timestamp] Error 1
make[1]: Leaving directory `/usr/local/src/postgresql-pljava-1.3.0/build/classes/pljava'
make: *** [pljava_all] Error 2
my
CLASSPATH= "/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/local/src/postgresql-pljava-1.3.0:/usr/lib/jvm/java-1.5.0-sun:/usr/local/src/postgresql-pljava-1.3.0/build/classes/pljava:/usr/local/src/postgresql-pljava-1.3.0/build/pljava.jar"
```

OK, I managed to finish the install and now am trying to run adempiere for the first time. Application server is online, postgres is online, I go for RUN\_Adempiere.sh (or webstart at localhost:8080/admin) and get the login window. I change server names to localhost and both tests go green. I press OK, and then the connection windows appears. The tab "Defaults" is somehow inactive, I can't switch to it.. Now I tried different default logins from <http://www.adempiere.com/wiki/index.php/OnlineLoginHelp> and the default login there (GardenAdmin) but when I press OK it stops and an error messages appear in console: admin@debian-server:~/ADempiere/Adempiere\$ ./RUN\_Adempiere.sh

```
Adempiere Client /home/admin/ADempiere/Adempiere
*** 2007-09-28 13:57:20.151 Adempiere Log (CLogConsole) ***
13:57:20.150 Language.getLanguage: Adding Language=ru, Country=UA, Locale=ru-UA
13:57:20.168 Adempiere.startup: Adempiere(r) Release 3.2.0_2007-05-01 -Smart Suite ERP,CRM and SCM- (c)
1999-2007 Adempiere (r); Implementation: ${env.ADEMPIERE_VERSION} 20070928-1314 -
${env.ADEMPIERE_VENDOR}
13:57:26.373 Ini.loadProperties: /home/admin/Adempiere.properties #28
=====> MSystem.get: get [11]      org.postgresql.util.PSQLException: ERROR: relation "ad_system"
does not exist; State=42P01; 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)
:   *** 2007-09-28 13:59:26.772 Adempiere Log (CLogConsole) ***
:
What is this about relation "ad_system" does not exist?
```

By: moyses (moyses) - 2007-09-28 07:19

It looks like if you have not imported the postgresql dump.

Please verify that you have a lot of tables in postgresql, of course one of them should ad\_system

By: vshpigel (istarin) - 2007-09-28 07:31

Thank you, I really did not and there are no tables in adempiere db. But I thought that's what installation script should do and I did not see any instruction to do it in the manual. Where can I find the db dump?

By: moyses (moyses) - 2007-09-28 10:53

This is how to do it on Ubuntu

[http://www.posterita.org/mediawiki/index.php/PostgreSQL\\_Installation\\_on\\_Ubuntu\\_%28with\\_PL/Java%29\\_for\\_ADempiere#Importing\\_the\\_database\\_dump](http://www.posterita.org/mediawiki/index.php/PostgreSQL_Installation_on_Ubuntu_%28with_PL/Java%29_for_ADempiere#Importing_the_database_dump)

For another platforms you can find more info here: [http://www.adempiere.com/wiki/index.php/ADempiere\\_Installing](http://www.adempiere.com/wiki/index.php/ADempiere_Installing)



## 2.82 After Cash Journal what's Next?

### Functional-ERP

By: dellph (dellph) - 2007-09-26 05:04

After I have posted the cash journal. Adempiere create an accounting entry petty cash and petty cash - transfer. what is the next process so that this cash journal will be deposited to the bank?

By: Colin Rooney (croo) - 2007-09-26 05:27

After receing Cash Payments into teh Cash Journal throughout the day... at the end of the day you (perhaps) transfer the cash to your bank. So you created a new Line in the Cash Journal for the Bank transfer. You must use a neagtive value to transfer the money OUT of the cash book.

The next step is to confirm the receipt of the cash in the Bank Account by creating a Bank Statement.

Using the "Create From" button you should see teh Cash Transfer you made.. select it and this will reconcile you bank a/c moving the monies from Bank Intransit to the actual Bank account.

By: karsten-thiemann (kthiemann) - 2007-09-27 06:19

I'm checking the dunning (run) functionality and I found some problems ..

1. Be carful with the DaysBetweenDunning field (at your first dunning level):

If you uncheck the 'ShowAllDue' and 'ShowNotDue' flags and set the DaysBetweenDunning to >0 the system will never generate dunning letters. That is because the DunningRunCreate.addInvoices() performs this check:

```
if (DaysBetweenDunning != 0 && DaysAfterLast < DaysBetweenDunning && !m_level.isShowAllDue () &&
!m_level.isShowNotDue ())
continue;
```

Where DaysAfterLast will allways be 0 for not yet dunned invoices - so I'm unsure if this is a bug (maybe we can find a better test logic) or if it is just an undocumented (and unexpected) feature.. At least you have to know this behaviour when you setup your dunning.

2. I'm unable to setup a \_usable\_ two level dunning (maybe I'm just not smart enough).

To setup a two (or more) level dunning you first have to open the dunning window and create a new entry (I named it default dunning and checked all checkboxes). After that I created 2 Levels (reminder with 3 days after due date and everything else 0 or unchecked and 2.reminder with 17 days after due date and everything else 0 or unchecked) with the Dunning\_Header Template as Print Format. So this is quite simple.. I selected this dunning in the customer tab of a sample business partner and created a test invoice. Then I created a new 'dunning run' with the dunning level reminder and the dunning date as actual date + 10 days. If I do the 'create dunning run' for my dummy customer it dunnies the invoice - so far so good - and when I run the 'print dunning letters' process it prints the dunning letter and sets the dunning run entries to processed.

But now the problem starts. Every time you run the 'create dunning run' process it deletes the existing old entrys of the dunning run but for the escalation (second dunning level) this information is needed - in fact the system counts the number of dunning runs that include the same invoice as a line. With this logic you need to create a new entry in the 'dunning run' window for every dunning run and dunning level you make. That will end in hundreds of entries without the possibility to hide them (e.g. in the dropdown list of the 'print dunning letters' process). That is what I call unusable.

So maybe I'm just missing something but the compiere user manual doesn't help much in this case.. So please enlighten me :)

By: Colin Rooney (croo) - 2007-09-27 06:57

I to have been experimenting with dunning for use as Customer Statements rather than Dunning. My thinking was each Dunning Run must be created as new otherwise, as you point out, the existing data is over written and you could not reprint if needed.

I noticed that when printed/emailed the Dunning Run "Entry"s are flagged as processed but the processed flag on the Dunning Run itself is never set. My thinking was if this flag was checked then we could restrict the selection of

Dunning Run for printing/emailing process to just those that have not been "processed".

Then I wondered what happens if the paper jams & you must reprint? Well an individual reprint or emailing is no issue as you could just select the relevant "entry" and print/email from within the Dunning Run window. But reprinting/emailing the entire run would mean you'd need a way to select from already processed Dunning Runs. We could add a checkbox to the selection but that would mean we would need to make the dropdown box data dynamic... not sure if that's doable in Adempiere or whether that's another enhancement.

### **2.83 WebStart (3.3.0) Fails to save Shortcut on Win**

#### **Developers**

By: GusG (gemmiti) - 2007-09-21 15:36

As the Subject indicates, the newest build 3.3.0 fails to save the shortcut on the client computers. This seems to be new to this build, as the previous 3.2.0 build on the same server behaved appropriately.

The behaviour has been observed on the following equipment:

Server: 2003 Windows server

Client: Windows XP SP2

Browsers used: IE7 and FireFox

By: Paul Bowden (phib) - 2007-09-22 01:31

I had a problem with 3.2.0 that may be related:

[https://sourceforge.net/tracker/index.php?func=detail&aid=1755836&group\\_id=176962&atid=879332](https://sourceforge.net/tracker/index.php?func=detail&aid=1755836&group_id=176962&atid=879332)

### **2.84 Sales order problem**

#### **Functional-ERP**

By: dellph (dellph) - 2007-09-21 18:07

I am using the sample data garden world. Im making a sales order and setting the document type to POS Order and paid it with cash. Completed the transaction and click post. Adempiere created and invoice it was good but the problem is the invoice was not mark as paid. Why is that? is this a bug? or I did something wrong?

By: Redhuan D. Oon (red1Project Admin) - 2007-09-21 21:42

Want to ask u cos i bit forgot about POS. Where in the invoice does it say 'paid'? Hope u can give me the right terms so it triggers the picture in my head :)

i have tested it and see what u mean.. there is a paid box in the indirec Invoice generated from the POS sales. Its new to me :)

Will muse around.

By: dellph (dellph) - 2007-09-21 22:10

yes. but the question is the invoice is not paid. even the sales order is cash. :(

ah ok thanks! but i have still grey areas. i have to tinker more :) thanks! red1 hope to see you here in the philippines.

By: Elvis (elvis\_h) - 2007-09-22 03:09

Check window "View allocations". You should have line for your cashbook entry.

By: Redhuan D. Oon (red1Project Admin) - 2007-09-21 22:15

Ok enuf musing as i think i have found out why.

You have to go to another item called the Open Items where under Cash Journal, u can find that the cash collected is recorded there.

Usually the cash of the day is all accumulated at the Cash Book and you complete the processing as an end of the day operations, and it shall post the Petty Cash account, thus showing u have now accounted for the cash from the cashier till.

I got one question of my own though. Where do i select which CashBook different POS collection is at? For example lets say we have 2 POS. Each should have its own CashBook so that we know which sold how much right away at the Cash Journal stage.



By: fredtsang (fredtsang) - 2007-09-22 03:20

Yes you have to complete the cashbook, for the payments to be recorded. Concerning the different terminal, we had this problem with posterita, and we had to modify Adempiere to cater for this requirement, I think that shameem has already made an RFE on this.

Otherwise right now, it's using the default cashbook.

By: Colin Rooney (croo) - 2007-09-22 08:22

A couple of points of detail.

As Elvis indicates it's the actually Allocation that results in the paid flag been set.

Now for a Cash/POS order the allocation is made when the cash journal is completed so it typically occurs, as others have indicated, at the same time.

As for which cash book the journal entry is made? You'd expect the cash book used for the journal should be the default one, as Fred indicates, but I seem to remember from my testing (perhaps someone can confirm) that actually it just selects all cashbooks and the last one in the list is the one posted to! Which doesn't seem very practical. If by the way, after completing the sales order you select the "cash" button you can select which ever cash book you want. However at this point an entry is already made it "the last" so when you change it a reverse (negative) posting is made there. Meaning "the last" cash book journal tends to have a lot of junk postings.

By: Redhuan D. Oon (red1Project Admin) - 2007-09-22 23:59

- The 'cash' button doesn't go to Cashbooks but to payment type such as Check, Debit, Card. -- View Allocations doesn't show my POS cash sales payment details. I need to go to Payment window first and make payment to make it so. Have to think if this needs to be auto for POS Cash sales. It should be easy to make it so in the process source code to create the related Payment records and complete it.

By: Colin Rooney (croo) - 2007-09-23 01:12

-- The 'cash' button doesn't go to Cashbooks but to payment type such as Check, Debit, Card. The important bit is "after completion" .... then if you press the cash button you can (if you have multiple cashbooks for this org) choose which cashbook. You get to select/enter Cashbook, AccountDate & Amount.

By the way, if you select something like "Credit Card" you get to enter the card number etc .. and a (standard) Payment is created and completed immediately!

-- View Allocations doesn't show my POS cash sales

Did you complete the cash journal?

There are a couple of ways to view the allocation.

1. View Allocation: look for the Allocation headers beginning "Cash Journal"

Each Invoice paid in that cash journal should have a line referencing the Cash Line, Invoice (& POS Order too).

2. Invoice (customer): from the invoice itself you should see the allocation on the "Allocation" Tab

--I need to go to Payment window first and make payment to make it so

When you complete the cash journal a Payment record of TrxType = X is created, but these are by default not displayed... but it's there!

By: Colin Rooney (croo) - 2007-09-23 01:28

re: Payment TrxType X ...

Actually I might be mistaken there ... my notes say it is created but I just tested this morning and there was no payment created. Maybe it was only in an old compiere version.. maybe I there are some other factors ... I'll need to check.

But allocation is still created!

By: Colin Rooney (croo) - 2007-09-23 01:48

ok I see now.

My notes refer to bank transfers.

When the Cash Journal is completed Bank transfers in the cash journal create Payments (with TrxType = X) that are not visible from the Payments Window.

On completion of the cash journal:

Invoice payments lines create Allocations.

Bank Transfers lines create Payments.

## 2.85 How setup server to answer two IP addresses?

### Developers

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-09-12 09:37

Hi, currently adempiere server is answering just one IP address.

I mean, if you configure the server in RUN\_Setup to answer 127.0.0.1 then the server can't be accessed from outside addresses.

If you configure the server to answer an internal IP, i.e. 192.168.0.10, then all clients must connect to such address.

I would want to configure adempiere (jboss) server to answer internal IP address and at the same time 127.0.0.1

The scenario I'm trying is:

- LAN customers connect directly to 192.168.0.10
- WAN customers open a ssh tunnel for WAN port and connect to WAN 127.0.0.1 port 8081

I have tried making the tunnel to 192.168.0.10 but it's not working.

I can make it work if I tunnel to 127.0.0.1 and configure the server to 127.0.0.1 but this is undesirable for LAN clients.

How can I set up jboss to answer two addresses?

By: Bahman M. (bmovaqar) - 2007-09-12 12:17

ssh -L8081:127.0.0.1:8081 user@192.168.0.10

Also some firewalls are able to do packet forwarding which could be the solution to your problem.

Not to forget adding virtual hosts to Apache acting as front-end to the JBoss installation.

By: moyses (moyses) - 2007-09-12 15:40

May be the following articles can help you to solve your problem <http://www.fusioncube.net/?p=111>

<http://www.fusioncube.net/?p=41>

[http://rhstack.108.redhat.com/docs/Red\\_Hat\\_Application\\_Stack\\_V.1.2\\_Release\\_Notes.html#differentaddress](http://rhstack.108.redhat.com/docs/Red_Hat_Application_Stack_V.1.2_Release_Notes.html#differentaddress)

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-09-12 16:40

Tomcat and JBoss can be configured to listen on multiple host addresses.

I'm not sure that this is the best document, but i'm sure that Java, Tomat and JBos can be configured to listen on multiple host addresses.

<http://labs.jboss.com/file-access/default/members/jbossweb/freezone/dist/1.0.1.GA/jbossweb-usersguide.pdf>

I think that you need to modify jboss-service.xml

this line:

```
<attribute name="BindAddress">${jboss.bind.address}</attribute>
```

Manual states that by default server listen on all addresses, so if you just delete this line would work.

```
<mbean code="org.jboss.web.WebService"
name="jboss:service=WebService">
  <attribute name="Port">8083</attribute>
  <!-- Should resources and non-EJB classes be downloadable -->
  <attribute name="DownloadServerClasses">true</attribute>
  <attribute name="Host">${jboss.bind.address}</attribute>
  <attribute name="BindAddress">${jboss.bind.address}</attribute>
</mbean>
```

(later on:)

i think that correct place(xml file) is:

adempiere\deploy\jbossweb-tomcat55.sar\server.xml

```
<Connector port="8088" address="${jboss.bind.address}"
maxThreads="250" strategy="ms" maxHttpHeaderSize="8192"
emptySessionPath="true"
enableLookups="false" redirectPort="8443" acceptCount="100"
connectionTimeout="20000" disableUploadTimeout="true"/>
```

## 2.86 *How to Submit code?*

### **Developers**

By: daffodilsw (daffodil\_sw) - 2007-09-11 00:27

i want to submit some code against the feature request for "Printing From Account Viewer" opened by Moyses  
[https://sourceforge.net/tracker/index.php?func=detail&aid=1732101&group\\_id=176962&atid=879335](https://sourceforge.net/tracker/index.php?func=detail&aid=1732101&group_id=176962&atid=879335)

How and where i can do this?

By: Heng Sin (hengsinProject Admin) - 2007-09-11 00:35

Please upload your changes to as attachment to the original bug tracker item or create a new entry in the patch tracker (  
[https://sourceforge.net/tracker/?group\\_id=176962&atid=879334](https://sourceforge.net/tracker/?group_id=176962&atid=879334) )

By: daffodilsw (daffodil\_sw) - 2007-09-11 01:15

I have added a new patch into tracker for Printing Feature

[https://sourceforge.net/tracker/index.php?func=detail&aid=1792168&group\\_id=176962&atid=879334](https://sourceforge.net/tracker/index.php?func=detail&aid=1792168&group_id=176962&atid=879334)

By: Colin Rooney (croo) - 2007-09-11 03:19

I know you have already uploaded this Nitin so it's no issue.

But just for consistency can I suggest the following.

SF has 4 types of trackers Bug, Patch, Feature Request & Contribution.

When someone finds a Bug they create a Bug reports and perhaps uploads screen shots or log files to that tracker to support the report.

When the bug is fixed, this is uploaded as a SF Patch.

Likewise, when a Feature Request tracker is created documents & screen shots may be attached to this tracker in support of the FR. But when the code is submitted, can I suggest that this be uploaded as a SF Contribution tracker?

So then we have a consistent form.

Bug->Patch

Feature Request->Contribution.

## 2.87 *Adempiere on Power*

### **Bazaar**

By: Leroy Pinto (pythonn) - 2007-09-06 02:33

I've added a new implementation plan in the Wiki for the install on Power that I did:

[http://www.adempiere.com/wiki/index.php?title=How\\_to\\_Install\\_ADempiere\\_on\\_P-Series\\_with\\_IBM\\_JAVA\\_%26\\_SLES\\_64bit](http://www.adempiere.com/wiki/index.php?title=How_to_Install_ADempiere_on_P-Series_with_IBM_JAVA_%26_SLES_64bit)

## 2.88 *SO Commitment*

### **Functional-ERP**

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-09-01 15:29

Hi, it's me again testing another customer request vs worldwide needs :-)

Currently Adempiere can manage commitment accounting on purchase orders - the accounting is done this way:

- \* Commitment
- \* (to be released by Invoice Matching)
- \* Debit - PO Commitment Offset
- \* Credit - Product Expense

My customer is asking me to allow similar commitment accounting on sales orders, something like:

- \* (to be released by Invoice Matching)
- \* Debit - Product Expense
- \* Credit - SO Commitment Offset

It implies the creation of a new default account (what as you know can be a little problematic).

Do you think it's worthy to add this to core? Or is just a specific from our customer?

BTW: this need is because this business don't sell products - mostly they sell promises that become product/invoice after a long time after the sales order is processed - and they receive a lot of prepayments against the sales order without having a final invoice for the product.

By: Redhuan D. Oon (red1Project Admin) - 2007-09-01 23:14

Hi,

IANA = i am no accountant

However i checked the manual and COA and came across this Account Element:  
21510 Customer Prepayments Prepayments for future revenue Liability Default:  
C\_PREPAYMENT\_ACCT

In the UserManual it says that Customer Prepayment is default under BPartner Group. So i wonder if this solves the case for Default Account requirement for the Sales side.

By: Colin Rooney (croo) - 2007-09-02 03:16

I also don't know much about the "commitment accounting" but I think the question is; is commitment accounting on Sales a standard process? If we include it will everyone who enables commitment accounting today be happy? if so then we add it, if not then maybe it's a customisation. So a quick googling for Sales Order Commitment Accounting leaves me to believe it is a typical accounting process... so I say yes.

red1, as I said I also don't know much about the "commitment accounting" but I don't think it's not a prepayment. If I understand, it's a GL posting that occurs at the point of order (for which there are typically none) ... currently it only applies to Purchases, so when we complete a PO we are committed to buying and therefore post the potential liability to the GLs when the PO is completed. When, further down the line, we eventually receive the vendor invoice then this liability is moved from the commitment to the accounts payable.. but it's still a liability.

It seems this is very common approach for local governments & public sector generally!? Must be so they can use up their budget allowances at the last minute!?)

## 2.89 Prepayments on purchases?

### Functional-ERP

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-09-01 15:22

Hi, a customer asked me for this functionality.

Currently Adempiere is allowing prepayments on sales orders.

But for purchase order you can't make prepayments to vendor.

The only way to save a prepayment is paying to a vendor without invoice/order/charge and marking one project (that compels you to have project as part of your accounting elements).

We're thinking on making this add-on for Adempiere -> allowing prepayments assigned to purchase orders.

Do you think it must be included in trunk?

By: Colin Rooney (croo) - 2007-09-01 17:51

Yeah I agree with Trifon, I think this is useful... and I would imagine a very common business scenario! (I never noticed you couldn't do it before! :))

I guess rather than simply remove the checks that currently only allow you to pay for material received ... we need to ensure that only these prepaid purchased orders appear in the list of available to pay items ... as opposed to simply all purchases orders that is; so there is little chance of mistakenly paying POs that are not received and do not require a prepayment.

Did you have some idea already how to implement this? a new Doctype? or based on a payment terms & conditions?

By: Redhuan D. Oon (red1Project Admin) - 2007-09-01 22:10

Can't we now in ADempiere make prepayments with just an invoice without Material Shipments in from the supplier? I thought u could. I tot that invoicing is decoupled from inventory and inventory is only coupled to the Orders i.e. Sales

and POs, and shipments and receipts. If not, shouldn't it be that way?

By: Colin Rooney (croo) - 2007-09-02 02:22

yes red1, you right. my mistake. :(

but I think carlos wants the prepayment without an invoice or receipt.. so that is still new.

By: Redhuan D. Oon (red1Project Admin) - 2007-09-02 10:40

So i wonder if such prepayment can then be achieved via POS type of SO practice, where it autogenerate an Indirect Invoice. That means we copy the same practice for this direct payment requirement. This is just a tot.

By: Colin Rooney (croo) - 2007-09-03 03:52

I think Red1, what Carlos wants is that you can pay without having an invoice!?

Imagine you buy something .. online say ... you pay immediately but the invoice doesn't arrive until the goods do.

So Carlos, wants to be able to make a payment ... then at a later date match that payment to a invoice and order.... right Carlos?

By the way, there is already a "Vendor Prepayment" account in the standard CoA!

## **2.90 In transit movement accounting consequences**

### **Functional-Financials**

By: Teo Sarca (teo\_sarca) - 2007-07-21 16:26

Consider the situation: i am moving some products from one town and after 2 days i will receive in another town.

The problem is that, now, in adempiere the acct consequences are produced just after receiving the product, which is not correct in our country.

We do this in 2 steps:

Shipment confirmation:

InTransitAcct DR

ProductAcct.Locator1 CR

Receipt confirmation (arrival, after 2 days)

ProductAcct.Locator2 DR

InTransitAcct CR

Does anybody has this issue ?

By: albert (albertachen) - 2007-07-22 05:52

this issue make adempiere must mapping form baseDocType to targetDocType  
good job

By: Colin Rooney (croo) - 2007-07-22 03:56

Not only that but the movement doesn't happen until the receipt ... so if you do a stock count while it is inTransit you'd get a variance. In other systems I worked with the goods would move immediately to an intransit warehouse and from that to the TO warehouse when it was received. You could simulate this by creating a warehouse called inTransit (or many of them? one for each truck?) and do a move without confirmation to move the goods to this dummy warehouse. You loose the confirmation functionality to keep you informed of what is in transit but a report of the contents inTransit warehouse might suffice? But since it's only a dummy warehouse in name there is no way of stopping it being used in other processes such as sales

I noticed also that the movement works like a "force" shipment in that the stock does not need to exist to be moved! Also a flaw in my opinion. And there is an "In Transit" flag on the movement but it never seems to be set ??

By: Teo Sarca (teo\_sarca) - 2007-07-22 06:14

You are right, the stock is not reflecting that too.

About in transit warehouses, we tried the dummy warehouses workaround, but IMHO is not acceptable... should be improved to be more transparent.

> But since it's only a dummy warehouse in name there is no way of stopping it being used in other processes such as sales

True. Maybe this can be solved by introducing warehouse types...

What you think ?

By: Colin Rooney (croo) - 2007-07-22 06:30

>> dummy warehouses workaround, but IMHO is not acceptable... should be improved to be more transparent. yes indeed. I as just suggesting a hack that might work for those with an immediate problem.

>> Maybe this can be solved by introducing warehouse types...

Yes. might require a lot of changes but at least it would be a simple change.

By: Armen (armenrz) - 2007-07-22 05:19

>I noticed also that the movement works like a "force" shipment in that the stock does not need to exist to be moved!  
Hi Colin,

I have created a callout that gives warning if the stock is not available. But it's now missing from trunk, I think it's gone when we move somewhere from 310 to 311.

[http://sourceforge.net/tracker/index.php?func=detail&aid=1564496&group\\_id=176962&atid=879335](http://sourceforge.net/tracker/index.php?func=detail&aid=1564496&group_id=176962&atid=879335)

By: Colin Rooney (croo) - 2007-07-22 06:35

hmmm, something we should look to put back in I think!

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-07-22 11:00

> I have created a callout that gives warning if the stock is not

> available. But it's now missing from trunk, I think it's gone

> when we move somewhere from 310 to 311.

Hi, Armen, I found the patch you contributed in revision 280 and integrated into trunk with revision 3022.

By: daffodilsw (daffodil\_sw) - 2007-08-30 04:36

We are also facing the same issue, albeit with one or two additions. In our case, one locator has sent 100 items and only 90 reached OK. Out of the remaining 10 items, 6 were LOST during movement and 4 were DAMAGED (due to improper handling etc.) Now the accounting should be like this:

Shipment confirmation:

InTransitAcct Product A DR 1000/-

ProductAcct.Locator1 Product A CR 1000/-

Receipt confirmation (arrival, after 2 days)

ProductAcct.Locator2 Product A DR 900/-

ProductLossDueToMovement.Locator2 Product A DR 60/-

DamagedProductAcct.Locator2 Product A DR 40/-

InTransitAcct Product A CR 1000/-

Why we have not used shrinkage and did it this way:

1. Remember that shipper, who may be an internal courier, has a document which indicates weight/no of packages and he or shipping company weighs/counts before starting the trip while matching it with the document. So we are always sure that the Locator1 has sent 100 items and that is why we should not make a Shrinkage in Locator1 even if there is a difference. This should always go to ProductLossDueToMovement Acct. This Acct will directly show losses due to errors of transporter or courier and we can make claims for this in long run.

2. We are making a Damaged entry as the material cannot be scrapped. The difference is - if we are sending 10 CARS by a Truck and trucks hits somewhere. Damaged Cars will be those which can be repaired or sold at a lower price while scrapped ones are those which will be sold on the price of a metal (thus item has changed property and name). So we should have one more field i.e. Damaged Quantity. Also this quantity should be reflecting in Warehouse and Locator Storage. On hand shows OK items and Damaged should indicate the damaged ones. This increases burden while selling/movement as we can now sell/move damaged items.

3. In case of scrapping, if scrap can be sold then there should be an accounting entry like this (else it can be termed as lost).

Receipt confirmation (arrival, after 2 days)

ProductAcct.Locator2 Product A DR 900/-

ProductLossDueToMovement.Locator2 Product A DR 60/-

ProductAcct.Locator2 Product B DR 40/-

InTransitAcct Product A CR 1000/-

Also there are costs of movement which should be properly allocated. Please suggest.

When I read my post it looks like I am complaining a lot but considering I am a newbie, I hope you will not mind. Also we would like to be one of developers if any of the suggestions are accepted by the community.

## 2.91 Adempiere in Ubuntu 6.06

### Help

By: pretzel (pretzel2) - 2007-08-26 14:44

Hi, I'm a newbie and try to install Adempiere in Ubuntu 6.06.

I followed the instructions written here: [http://www.adempiere.com/wiki/index.php/Ubuntu\\_Install\\_Howto](http://www.adempiere.com/wiki/index.php/Ubuntu_Install_Howto)

When I repeat commands in section "Beginning the Install"

\* 1. Open up a terminal (Can be found in the menu Applications -> Accessories)

ok!

\* 2. Run `su - postgres`. When finished, hit CTRL+D to end the postgres session.

ok!

\* 3. WE NEED TO ADD INSTRUCTIONS FOR PROPERLY ADDING THE `JAVA_HOME` AND SUCH TO EVERY LOGIN => Let's discuss it on [Talk:Ubuntu\\_Install\\_Howto](http://www.ubuntu.com/discussion-f/1000000) don't understand what i must do? I skipped this pound. \* 4. Install the adempiere java package by entering the following into a console `java -jar /path/to/installer/` (I actually had to login to a local ssh server using the command `ssh -X -l postgres localhost` to get this to work properly.

I have a file `install-linux.jar` in `/home/pretzel/` and if write a command:

`java -jar /home/pretzel/install-linux.jar`, I receive message:

Unable to access jarfile `/home/pretzel/install-linux.jar`

But if I hit CTRL+D to end the postgres session as it written in pound 2 and repeat command: `java -jar`

`/home/pretzel/install-linux.jar`, I receive message:

`/usr/share/themes/Human/gtk-2.0/gtkrc:70: Engine "ubuntulooks" is unsupported, ignoring`

`/usr/share/themes/Human/gtk-2.0/gtkrc:240: Priority specification is unsupported, ignoring`

`/usr/share/themes/Human/gtk-2.0/gtkrc:70: Engine "ubuntulooks" is unsupported, ignoring`

`/usr/share/themes/Human/gtk-2.0/gtkrc:240: Priority specification is unsupported, ignoring`

and then appears a graphical Adempiere's intallation menu with language selection. On the one of the next steps of the installation i must select the installation path and I enter `/home/postgres/Adempiere` as it written in instruction (

[http://www.adempiere.com/wiki/index.php/Ubuntu\\_Install\\_Howto](http://www.adempiere.com/wiki/index.php/Ubuntu_Install_Howto) ), but I receive an error message: "This directory can not be written! Please choose another directory!"

Could you help me, please. What I have to do?

By: poporopo (poporopo) - 2007-08-27 01:43

In short the problem seems to be that the user you run `java -jar /home/pretzel/install-linux.jar` does not have write permissions to the folder you specified as the installation folder i.e. `/home/postgres`.

To solve this you need to either run `java -jar /home/pretzel/install-linux.jar` as the user postgres or give read and write permission to the installation folder to the user you run `java -jar /home/prezel/instal-linux.jar`.

I quick fix would be:

```
sudo chmod 777 /home/prezel/install-linux.jar
```

```
sudo chmod 777 /home/postgres
```

NB: If problem persists you may need to create the `/home/postgres/Adempiere` folder first. To do that do:

```
sudo mkdir /home/postgres/Adempiere
```

```
sudo chmod 777 /home/postgres/Adempiere
```

For more information on permissions google for linux file permissions and look at the man page for `chmod`.

By: pretzel (pretzel2) - 2007-08-28 05:45

Thank you for the help, but now, when I after a `"su - postgres"` command write

```
$ java -jar /home/pretzel/install-linux.jar
```

I receive next:

- Error -

```
java.awt.HeadlessException:
```



No X11 DISPLAY variable was set, but this program performed an operation which requires it.

java.awt.HeadlessException:

No X11 DISPLAY variable was set, but this program performed an operation which requires it.

at java.awt.GraphicsEnvironment.checkHeadless(GraphicsEnvironment.java:159)

at java.awt.Window.<init>(Window.java:317)

at java.awt.Frame.<init>(Frame.java:419)

at java.awt.Frame.<init>(Frame.java:384)

at javax.swing.JFrame.<init>(JFrame.java:150)

at com.izforge.izpack.installer.GUIInstaller.loadLangPack(GUIInstaller.java:169)

at com.izforge.izpack.installer.GUIInstaller.<init>(GUIInstaller.java:106)

at sun.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)

at sun.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAccessorImpl.java:39)

at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:27)

at java.lang.reflect.Constructor.newInstance(Constructor.java:494)

at java.lang.Class.newInstance0(Class.java:350)

at java.lang.Class.newInstance(Class.java:303)

at com.izforge.izpack.installer.Installer.main(Installer.java:47)

May be I have this problem because I skipped pound 3(WE NEED TO ADD INSTRUCTIONS FOR PROPERLY ADDING THE JAVA\_HOME AND SUCH TO EVERY LOGIN => Let's discuss it on Talk:Ubuntu\_Install\_Howto)?

By: poporopo (poporopo) - 2007-08-28 13:12

Your problem is not related to java or Adempiere but it is linux X windows problem.  
window environment as the user postgres.

You do not have an X

Why are you trying to install Adempiere as the postgres user anyway ?

Why don't you just start the installer logged in as the prezel user (I assume you are prezel based on your home dir) ?

Try doing the following: Login as postgres from the graphical interface of Ubuntu and try running the installer.

Or better yet login as prezel as you are doing now and just start the installer java -jar /home/prezel/install-linux.jar.

If you get any errors about X or cannot access directory just google for those they are not specific to Adempiere.

As far as step 3 goes I believe that once you installed java 5 (sudo apt-get install java-sdkversionnumber\_here) it automatically updates your environment variables.

## 2.92 About java and environment

### Help

By: Ivan Popov (johnniepop) - 2007-08-29 06:50

Just a little addition from my experience with Ubuntu. Installing the Java SDK by itself not always sets your environment automatically. For you to be sure, you should go to the console and just type one of these at the prompt:

\$ java -version (version of the VM) or

\$ javac -version (version of the compiler). But probably you know all this.

The tricky part (at least for me) was that my Ubuntu came with default version of java 1.4.2 and installing 1.5.0 didn't change that, so I had to do it by myself. Exporting the path to your newer java to the .bashrc config file of your environment is a standard decision but is not system wide and in some cases is not enough.

The decision is. When you type at the prompt:

\$ sudo update-java-alternatives -l

you will see the versions of all javas installed into your system. Now to make the latest one default for the whole system type:

\$ sudo update-java-alternatives -s java-newer-ver (here goes the preferred version shown with the previous command).

This usually stops all java-compiler-version-complains from now on.

## 2.93 DB Physical Connection Closed

### Developers



By: Vishee Ghumundee (gvishi) - 2007-08-28 04:17

We are having some issues with our Application since 2 weeks. The application works fine almost all the time but it seems that we are experiencing some DB connection issues. This application has a web frontend which connects to the Adempiere server. The application starts like the normal Adempiere Server and we have access to its web frontend. Note that this application has a high volume of connections. We have checked the Adempiere Logs (server log included) but haven't found any issues as to why the application was hanging (Could not even login, keeps waiting). But fortunately we had Adempiere's JBoss log with some trace that may be helpful in troubleshooting this issue.

Here is an extract of the trace below:

```
priority:5, demon:true, threadId:68, threadState:BLOCKED,
threadLockName:oracle.jdbc.driver.T4CConnection@11d95
oracle.jdbc.driver.PhysicalConnection.isClosed(PhysicalConnection.java:1420)
org.compiere.util.DB.getConnectionRW(DB.java:345) org.compiere.util.DB.getConnectionRW(DB.java:326)
org.compiere.util.CPreparedStatement.init(CPreparedStatement.java:76)
org.compiere.util.CPreparedStatement.(CPreparedStatement.java:56)
org.compiere.util.DB.executeUpdate(DB.java:947) org.compiere.util.DB.executeUpdate(DB.java:876)
org.compiere.model.PO.saveUpdate(PO.java:2109) org.compiere.model.PO.save(PO.java:1807)
org.compiere.model.PO.save(PO.java:1892) org.compiere.model.MStorage.add(MStorage.java:448)
org.compiere.model.MOrder.reserveStock(MOrder.java:1557) org.compiere.model.MOrder voidIt(MOrder.java:2047)
org.compiere.process.DocumentEngine voidIt(DocumentEngine.java:473)
org.compiere.process.DocumentEngine.processIt(DocumentEngine.java:284)
org.compiere.process.DocumentEngine.processIt(DocumentEngine.java:223)
org.compiere.model.MOrder.processIt(MOrder.java:1215)
```

Note that from the web front end we are calling Adempiere's API for doing all the transactions. We have some thoughts about Adempiere's connection pool but are not sure yet.

PS: Any thoughts about the static s\_connectionRW in DB.java?

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-08-28 15:01

Hi Vishee, just guessing maybe you can try to increase the number of connections in DB.java line 54

By: Ashley G Ramdass (agramdass) - 2007-09-03 05:58

Concerning the problem of DB connection, we think that we came up with a good solution that can also be beneficial to Adempiere on a much broader aspect.

Below I quote the explanation that Fred detailed concerning the problem:

---

#### THE PROBLEM

We found out that the properties that were being set on the connection .setInactivityTimeout(100)

.setAbandonedTimeout(100)

.setPropertyCheckInterval(60)

were NEVER being set on the connection. By default these values are set to infinity, which means that shall the connection break (which is normal from time to time) the connection will wait indefinitely. And the connection will never renew itself, and all the other users will in the end, be blocked. This is exactly what we have been experiencing on CK.

#### THE FIX

We are now using a new file called ons.jar (which is an oracle jar) and we are enforcing the cache Connection on Adempiere to be used. These two were not used previously.

We have to set the properties at a really low level, which we expect to impact slightly the performance. However I believe it should be negligible (not guaranteed), haven't had time to go through some serious testing.

#### THE RESULT

When we disconnect the network cable between the server and the database, the server no longer freezes and the method .pingDatabase() releases the call and new connection are now being made. So the server shouldn't need to be restarted anymore in order to get new connections.

#### THE RISK

performance may be degraded  
Not fully tested yet

#### THE REMAINING PROBLEMS

when the connection freezes, all the others are still blocked until the frozen connection gets killed, thus we have to make sure we kill it fast. In order for the user not to experience a new freeze. Long run, Adempiere needs to have a pool of connection rather than a single connection. ---

In addition to the above changes that were made, the following measures were also taken for stability and performance:

- The DB class was changed for it to support a pool of connections for R/W as for R/O.
- DB class was re-factored whereby the commit and rollback method were deprecated.
- Connection pool size for both R/W and R/O were increased to 5 for server.
- Connection Cache Manager is only configured for Server runtime.

### 2.94 *Dropping parts of Adempiere i.e. Swing PO*

#### Developers

By: Heng Sin (hengsinProject Admin) - 2007-08-28 19:45

Anyway, IMHO it is better to have more functionality as pluggable package rather than merging everything as one bloated application. Yes, manufacturing is basic functionality but it is not needed by a retail or trading client. The problem with the current packages ( posterita, libero and fixed asset ) is they all have make changes to the core classes. By definition, a plugin shouldn't change core classes but just extend it using the API provided. Of course, this is not always possible now as Adempiere's extension API is too limited ( Only Model Validator and AD. Document Engine and Editor Factory is hardcoded ). So what do we need to do now ? We need people to bring in appropriate core changes from posterita, libero and fixed asset. We need people to expand Adempiere's extension API and we need people to finish the 2pack outstanding work.

Also, Libero is difficult to test now as the team store .patch file instead of patched .java file in svn. I mean you can't just check out, compile and run now but it is checkout, patch ( hope it patch correctly ) and run. For example, for the Fixed Asset project, you just need to check it out, place it in front of your IDE's launch configuration classpath and you are ready to test ( Of course, you have to import the ad changes first ).

### 2.95 *2Pack and Compile*

#### Developers

I'm migrating Compiere (in production for 8 months) to Adempiere in my customer. For my code customizations, i intend to use 2Pack.

After download adempiere source, compile/build and install, i tried import FAPack006.zip by PackIn. But, i got this error: java.lang.ClassNotFoundException: org.adempiere.PackOut.IntPackIn.

Solved

I changed the path process to org.adempiere.pipo.PackIn.

Thanks Victor for help me! :-)

### 2.96 *logout linux and Adempiere keep running*

#### Help

By: Terence Ng (ngterry) - 2007-08-19 03:49

Sorry for newbie question, since I am also new in linux. After logout linux, session ends, and Adempiere stops. How do I keep Adempiere application running even I logout.

By: Dirk Niemeyer (needle58) - 2007-08-20 03:47

Linux is using scripts in the directory /etc/init.d for this purpose.

Look into one of the existing scripts. Depending on your Linux distribution you can copy the provided template script

or one of the existing and change it to use environment and paths of your ADempiere setup.  
The root user can then start the ADempiere application using `/etc/init.d/adempiere start` and it will keep running even if you log out.  
For more information look for start-stop-script in the documentation of your Linux distribution.

By: Carlos Ruiz (globalqss) - 2007-08-20 09:42

Hi Terence, as Dirk said you must register adempiere as a service in linux.

The provided script in `utils/unix/serverStart.sh` is tested in Fedora and CentOS.

It must be copied/renamed into `/etc/init.d/adempiere` to make it work integrated with OS.

This question deserves a FAQ slot - good if you can help to put it in wiki.

By: Terence Ng (ngterry) - 2007-08-22 05:43

`EXECDIR=/home/adempiere/Adempiere`

`ENVFILE=/home/adempiere/.bash_profile`

`./etc/rc.d/init.d/functions`

I have reviewed the file, but I have some newbie questions. I have checked the Adempiere file, and I cannot find the `.bash_profile` and `/etc/rc.d/init.d/functions` file. Where is it?

I have checked `/etc/init.d/` and cannot find the functions file.

By: Carlos Ruiz (globalqss) - 2007-08-22 08:08

The script is working for redhat like linuxes (RHEL, CentOS, Fedora).

If you're running a different distribution maybe the service scripts are constructed in a different way.

Did you install adempiere as root? Or did you create an adempiere user (recommended)?

By: Terence Ng (ngterry) - 2007-08-23 00:44

No, I did not create an adempiere user in linux, and I install adempiere as root. I install Adempiere as `/opt/Adempeire`.

You recommend that Adempiere is better place in `/home/adempiere/Adempiere`. I will follow it then.

Do you have any idea how the service script is constructed in SLES10?

By: Dirk Niemeyer (needle58) - 2007-08-23 02:23

you may want to have a look here for SLES 10:

[http://www.novell.com/documentation/sles10/sles\\_admin/index.html?page=/documentation/sles10/sles\\_admin/data/sec\\_boot\\_init.html](http://www.novell.com/documentation/sles10/sles_admin/index.html?page=/documentation/sles10/sles_admin/data/sec_boot_init.html)

In "19.2.2 Init Scripts" it says: "To create a custom init script for a given program or service, use the file `/etc/init.d/skeleton` as a template. Save a copy of this file under the new name and edit the relevant program and filenames, paths, and other details as needed."

As Carlos proposed we should put some more distro-related info into the wiki. So you could perhaps write something there regarding SLES10 after you got it running.

## 2.97 LCO\_Validator

### Developers

By: Carlos Ruiz (globalqss) - 2007-08-13 10:49

This is an answer for sami23 - who wrote me privately but I prefer forums to answer these type of questions:

Sami23 wrote: *I have seen your LCO\_Validator and it gave me a good idea how to implement my modelvalidator to add extra accounting posting. However i need, if it is possible, to have a glance to your MAllocationHdr and optionnally your MInvoice Class to be sure of what am doing.*

*Does the 320 version support the model validator approach or have i to move to the 330 version ?*

You can find complete LCO (Localization COlombia) working for 3.2 here:

<http://adempiere.svn.sourceforge.net/viewvc/adempiere/contributions/Localizations/Colombia/> In LCO MInvoice class is unchanged. For minimal purposes I extended the MInvoice class in `extend/src/org/adempiere/model/LCO_MInvoice.java` MAllocationHdr is completely unchanged.

3.2.0 doesn't have the `_POST` events.

I made the trick adding patched versions of PO, ModelValidator, Doc and Fact in LCO:

- dbPort/src/org/compiere/model/ModelValidator.java
- dbPort/src/org/compiere/model/PO.java
- serverRoot/src/main/server/src/org/compiere/acct/Doc.java
- serverRoot/src/main/server/src/org/compiere/acct/Fact.java

Those 4 routines can be dropped if working with 3.3.0

By: Alejandro Falcone (afalcone) - 2007-08-22 06:34

Did you add your class name (fully qualified) in field "Model Validation Classes" (window Client)?

By: sami23 (sami23) - 2007-08-22 02:59

Thanks for your explanation. i migrated completly to 330 and i implemented my model validator and i registred it in the client setup window. I have also built all sources and reinstall server and i checked that my new model validator is on the server !

But when i repost an invoice nothing happens ! is the repost event taken in account when the beforfe\_post event in the model validator take place.

By: Carlos Ruiz (globalqss) - 2007-08-22 08:19 Hi Sami, please try repost with Force checked.

About your question -> yes, the repost event is taken in account for BEFORE\_POST.

By: sami23 (sami23) - 2007-08-23 04:05

Alejandro,

>Did you add your class name (fully qualified) in field "Model Validation Classes" (window Client)?

Yes, i did

By the way is there a way to put just one compiled class (for instance myvalidator.class)in the server without having to build all sources ? this will help me in testing changes quickly.

By: Carlos Ruiz (globalqss) - 2007-08-23 10:41

Yes, what I do is to construct a customization.jar with the modified classes, in this case org/compiere/model/myvalidator.class (look out - case sensitive)

I put the customization.jar file in server lib directory and then RUN\_setup.

It's a similar procedure to the described for patches.jar here

[http://adempiere.com/wiki/index.php/Patches\\_Installation](http://adempiere.com/wiki/index.php/Patches_Installation)

By: sami23 (sami23) - 2007-08-24 00:33

Thanks Carlos,

It works ! and it reduce drammaticly the testing time !

Just one small remark , in the ademp\_330 it should be compiere/model/myvalidator.class and not org/compiere/model/myvalidator.class

Anyway thanks you for your highly professional and educative approach to help in learning.

## 2.98 Performance testing for ADempiere

### Bazaar Open Discussion

By: pythonn (pythonn) - 2007-08-15 19:18

was wondering if anyone has ever conducted any performance testing on adempiere? What tool/steps did they use to do this?

By: Trifon Nikolaev Trifonov (trifonnt) - 2007-08-16 02:54

Yes. You can find Product perfomance test in extend project in SVN:

HYPERLINK

<http://adempiere.svn.sourceforge.net/viewvc/adempiere/trunk/extend/src/test/>

performance/  
<http://adempiere.svn.sourceforge.net/viewvc/adempiere/trunk/extend/src/test/performance/>

Also on my personal page you can find some results.

HYPERLINK

[http://adempiere.com/wiki/index.php/User:Trifonnt#Performance\\_tests\\_.26\\_resu](http://adempiere.com/wiki/index.php/User:Trifonnt#Performance_tests_.26_resu)  
lts\_made\_by\_me  
[http://adempiere.com/wiki/index.php/User:Trifonnt#Performance\\_tests\\_.26\\_resu](http://adempiere.com/wiki/index.php/User:Trifonnt#Performance_tests_.26_resu)  
lts\_made\_by\_me

At the moment this are JUnit tests testing only product creation.  
If you would like to test other parts of the system i think that this test can be as a guide.

By: pythonn (pythonn) - 2007-08-16 05:23

Can you please provide some more details of what this is exactly:

HYPERLINK

<http://adempiere.svn.sourceforge.net/viewvc/adempiere/trunk/extend/src/test/performance/>  
performance/  
<http://adempiere.svn.sourceforge.net/viewvc/adempiere/trunk/extend/src/test/performance/>  
performance/

and the steps you took and the software you used, im more primarily interested in the methodology you used to test ADempiere.

Not really after any results.

By: Trifon Nikolaev Trifonov (trifonnt) - 2007-08-16 05:36  
Hi Pythonn,

This is the source code of performance tests.  
They are JUnit based tests which test very specific part of Adempiere - Creation of products.

I know that SUN has special test application with which they test. In fact i have used it when i worked for SAP to measure performance of SAP Application server. In Adempiere i made Product test as one potential client asked me to show 2 million products loaded in Adempiere. That's why current test is for products.

Test can be started from Eclipse.

## **2.99 Bank Transfer tips**

### **Functional-Financials**

By: usman (usman88) - 2007-08-15 21:22

Small tips to handle 1 source Bank to 1 recipient Bank transfer transaction.

1. Create new cash journal.
2. Select appropriate cash book ( in my case i use dummy cash book to serve

this transaction)

3. Next go to cash line and create a new line and select cash type as bank transfer.
4. Then select source bank account and type in transfer amount
5. Create 2nd line as in step 3.
6. This time select recipient bank account and type in transfer amount but in negative sign.
7. Back to cash journal tab, complete and post it.
8. To finalize it create, complete and post Bank statement for each bank account.

PS. Above tips can be use for more complex scenario such as transfer from 2 bank to 1 recipient.

By: Colin Rooney (croo) - 2007-08-20 07:04

Good tip usman, but there is a small issue with this approach and that is the transfer happens instantaneously. So, if the bank transfer takes a number of days then the accounts might not accurately represent the current standing. For example Imagine we have two banks ABC & XYZ.

When we process the above dummy cash book entries (for say \$100) we get the gl posting      11110 - Checking In-Transfer DR 100  
11110 - Checking In-Transfer CR 100

Which is fine.

Our assets are not effected as both balance each other.

But it often takes some time for such a transaction to complete, i.e. it first leave bank ABC but does not arrive in XYZ for a number of days.

So when we do the Bank reconcilliation (i.e. create the Bank Statement) for ABC the \$100 is transferred out of our account.. but it will not appeared in our XYZ account for a number of days and in that time our accounts will be missing the \$100!

Another approach is:

1. Create a GL account in the called "Funds in Transit" somewhere under the "Cash" summary account, for example 11400 (using the GW schema). It should has account type Asset.
2. Create a Charge "Funds in Transit" pointing to this new GL account.
3. If you haven't already create the banks as Business Partners (you typically would already to manage the contacts there!)
4. Now to make the transfer by
  - 4a. Create an AP Payment in ABC and put to the charge 'Funds in Transit' complete and post.
  - 4b. Create an AR Payment in AXY and put to the charge 'Funds in Transit' complete and post
5. Pick up in the Bank Statements process as per usual later.

In this scenario even when the \$100 has left the ABC Bank a/c (i.e. when AP payment is reconciled with the Bank Statement) and not yet in our XYZ Bank a/c ... we still retain the value in the new asset GL a/c "Funds in Transit" so our balance sheet correctly represents our asset values.

This tip is based on the "How To"s I found on the adaxa website ([www.adaxa.com.au](http://www.adaxa.com.au)) a great source for practical impelmentation solutions on compiere or adempiere.

I don't have time currently to make a wiki entry too but perhaps someone can us this information to do so? :)

By: Armen (armenrz) - 2007-08-20 21:41

Yes, actually this is a preferred way to handle the situation and also for handling cash to bank transfer.

In fact, I discourage the usage of Bank Account transfer in Cash Journal. For larger company, usually there are separate persons who handles cash and bank. They have to maintain their own transaction document, for example a cash-out and a bank-in. In Adempiere you create a cash journal, point to Fund in Transit charge and in AR Receipt you point to the same charge. Moreover, it also allows different date of transaction.

By: usman (usman88) - 2007-08-20 19:40

Thanks for review and sharing your another good tips.

Btw, about the case when delay occurs in funds transfer :

1. We can hold Bank statement for XYZ until the funds received.

2. Checking-in Transfer is also under asset and it serve same purpose with Fund in Transit.

By: Colin Rooney (croo) - 2007-08-23 07:15

>> 2. Checking-in Transfer is also under asset and it serve same purpose with Fund in Transit. Actually you are correct usman and I was wrong. I had thought when the first bank rec was completed (but before the second was) there would be an imbalance... but I seem to have been mistaken.  
Sorry if I frightened anyone! :)

RE: Bank Transfer tips

By: Red1 D. Oon (red1Project Admin) - 2007-12-20 18:09

I am reading this again due to [https://sourceforge.net/forum/forum.php?thread\\_id=1897387&forum\\_id=611161](https://sourceforge.net/forum/forum.php?thread_id=1897387&forum_id=611161), offering a programmed solution.

## 2.100 Experience in Chemical Industry

### Bazaar Open Discussion

By: McBoss (mcboss) - 2007-08-07 20:01

Has there been any experience using Adempiere in the chemicals manufacturing business. In many respects it follows traditional batch component manufacture - Except in one crucial regard. Each new manufacture of a Finished Good formulation will use different batches than the manufacturing run before. The rawmaterials Batches have their own Specific Gravity (Density) and so the issue quantities for a batch need to be formulated from the Grams/litre of the ingredient in the solution, the final amount of Active ingredient in the final solution the desired SG of the final batch. Without spending alot of time describing the actual calculations it requires a recalculation of the released Bill of Materials with the shop floor traveller for this production run (Once the batches to be used are identified) Anyone who's worked in the area will know the approach I'm sure.

There are some other problems - such as materials planning but we think we see workrounds for those. We were hoping to bump into an existing chemicals user or one who might like to piggy back our upcoming experience. Our client is pretty determined to go Adempiere. Any pointers and experience would be appreciated.

By: albert (albertachen) - 2007-08-08 05:43

>>Has there been any experience using Adempiere in the chemicals manufacturing business.

>>In many respects it follows traditional batch component manufacture - Except in one crucial regard.

>>Each new manufacture of a Finished Good formulation will use different batches than the manufacturing run before.

The rawmaterials Batches have their own Specific =====  
M\_ProductBOM\_ID 's RawMaterial .....  
Production.....  
 $\text{ProductionQty} * \text{bomQty} / \text{ingredient}(\%) = \text{Material issue Qty}$

By: Redhuan D. Oon (red1Project Admin) - 2007-08-08 19:27

This non-discrete manufacturing process is akin to Malaysia's incumbent rubber latex industry. I heard from a process engineer how its most difficult because hardly any other industry applies their form of costing. But i can see some similarity above from McBoss where used fluids are retreated (reliequified in rubber's case) and carries different purity or volumetric costings.

Offhand, the BOM structure can be explored to handle this feature. Perhaps the costing is the bit tricky part. Wonder if we need to ascertain the Accting consequences such as of raw materials expense and WIPs.

By: McBoss (mcboss) - 2007-08-14 01:41

Costing consequences can go two ways (from my experience) The idealised formulation has an idealised standard cost, so the idealised finished good also has an idealised standard cost. Variance through manufacture can be seen as just that and can be put to manufacturing Variance in the Accounts. If running std cost by batch this can be brought a little closer to a "real" variance where the batch cost don't have their variance removed by purchase price variance at Supplier Invoice time.



## 2.101 Cannot Lock - Resubmit or RePost with Force

### Bazaar Open Discussion

By: Chris Farley (northernbrewer) - 2007-08-13 22:00

I have a production document that I can not post. When I click the "Post" button, I get a dialog box that says "Cannot Lock - Resubmit or RePost with Force". I can not force repost the document, because it wasn't ever posted the first time. "Resubmit Posting" does nothing, as the document is not marked with a "Posting Error."

Actually, if I wait for the Accounting Processor to attempt a posting, then it gets flagged with a "Posting Error".

When I look at the record in the database, there is something weird about the record:

Processed = Y

Processing = N

Posted = N

I can't find any other record in my entire database that has this combination of processed/processing/posted.

Can I just update the "Processed" field so that this will post? Is that dangerous??

By: Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-08-14 00:13 Hi Chris, the combination you said is common, that's for records completed but still not posted. Please give us more clues about the problem:

- which adempiere version?

- did you look for errors in the server logs?

- additionally what's the value for IsActive column?

By: Ricardo (ralexsander) - 2007-08-14 06:46

This error occurs when the record is flagged as Processing.

The Account Processor try to set 'Processing = Y' but the record already is 'Processing = Y'. Have you sure that Processing = N ?

If not, I see no problems to update your database directly and set Processing = N for this record. Look at Doc.java

```
StringBuffer sql = new StringBuffer ("UPDATE "); sql.append(get_TableName()).append( " SET Processing='Y' WHERE ") .append(get_TableName()).append("_ID=").append(get_ID())
```

```
.append(" AND Processed='Y'"); // AND IsActive='Y');
```

```
if (!force)
```

```
sql.append(" AND (Processing='N' OR Processing IS NULL)");
```

```
if (!repost)
```

```
sql.append(" AND Posted='N'");
```

```
if (DB.executeUpdate(sql.toString(), null) == 1) // outside trx
```

```
log.info("Locked: " + get_TableName() + "_ID=" + get_ID());
```

```
else
```

```
{
```

```
log.log(Level.SEVERE, "Resubmit - Cannot lock " + get_TableName() + "_ID="
```

```
+ get_ID() + ", Force=" + force + ",RePost=" + repost);
```

```
    if (force)
```

```
        return "Cannot Lock - ReSubmit";
```

```
        return "Cannot Lock - ReSubmit or RePost with Force";
```

```
    }
```

```
    Be careful, Processing != Processed. =>
```

```
    'Processed' make your record read-only.
```

```
    I am using Compiere 2.6.0a.
```

By: Chris Farley (northernbrewer) - 2007-08-14 06:56

Adempiere 3.2.0

The only server log error:

```
=====> Doc_Production.post: Resubmit - Cannot lock
```

```
M_Production_ID=1002348, Force=false,RePost=true [12]
```

The IsActive flag is 'N', and there is no way to activate the record via the UI.

## 2.102 Dynamic Validations for Date fields

By: Anu (anu\_netaccount) - 2007-08-13 03:37

i want to restrict users from entering records for invoice in past dates. How we can put dynamic validation on date fields.

By: Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-08-13 03:45

I see 3 options:

- 1) Make a callout and assign it to Field which you would like to control.
- 2) Modify beforeSave() method and add additional validation variation of this is to create new ModelValidator and assign it to proper document/table.
- 3) Test if Min Value / Max Value work in Table and Column window

By: Anu (anu\_netaccount) - 2007-08-13 03:51

i have checked with min value by passing min value parameter @Date@ but it is not working.

## 2.103 Security

### Functional-ERP

By: Amit (amit\_saxena) - 2007-08-07 03:09

I need to implement the following security in Adempiere:

- 1) Role based security where each person is assigned a role.
- 2) Data based security where each user can only view data that is assigned to him. A sales representative cannot view the users/quotation etc. of other region that that assigned to him. Similarly with the price list.

How can we achieve this in adempiere?

By: Armen (armenrz) - 2007-08-07 03:38

1) Yes, ADempiere support role based security. Open Role window and you will have the ideas. 2) You can play around with Role Data Access. You can also play around with SQLWhere in Window, Tab & Field.

To get you some ideas, this is an example: (instr('@#User\_Level@','C')<>0 OR C\_BPartner.CreatedBy=@#AD\_user\_ID@ OR C\_BPartner.SalesRep\_ID=@#AD\_User\_ID@)

For pricelist, there's one place you can't hide price from user, which is Product Info. You need to modify some codes to do this. What I did is add IsCanViewPrice option in Role so now each role can be set either they can view price or not. Is anyone interested in this functionality ?

By: moyses (moyses) - 2007-08-07 10:07

That's sounds like an interesting functionality.

I guess also there is a need for more security in the documents, for example, may be an user should be able to complete, but no to cancel it, or reactivate it.

By: Colin Rooney (croo) - 2007-08-08 01:31

this topic sounded very familiar ... a little searching and i found this

[http://sourceforge.net/tracker/index.php?func=detail&aid=1566089&group\\_id=176962&atid=879333](http://sourceforge.net/tracker/index.php?func=detail&aid=1566089&group_id=176962&atid=879333)

It's a slightly more technical solution but offers the ultimate control.

Also, Note the comment regarding "approve own documents" change Victor made. Not sure if this is the trunk but it would be easy enough to check!

y: Amit (amit\_saxena) - 2007-08-10 01:24

Thanks Armen for the solution.

However looking at the long term functionality is it possible to add to a tab to document windows where we can add the users with different permissions. For example for a quotation the concerned sales department and marketing head of the region can read and write but others donot have permission to see it. Once the order is materialized, accounts can see the complete purchase order. Procurement can see what all items have been ordered but not the commercial part.

Can somebody help me how to create such a tab on the windows to achieve it. It is important for us to implement it before adopting adempiere.

By: Amit (amit\_saxena) - 2007-08-13 01:25

Any type of help will do.

However looking at the problem I feel that it is due to missing functionality in the code. I believe it can be easily put in also by putting the document level control tab on each window where the collaborators can be decided. The collaborators will have different permission level eg. Read/Write. A window also has different tabs. These permission should be for each tab to give higher control. The collaboration should also take place based on Role. The rules should apply along with the other security rules. For ease it should be possible to select everyone. Kindly let me know what you think.

## **2.104 VAT SET-UP IN ADEMPIERE**

### **Functional-Financials**

By: luca (lucasaccomanno) - 2007-08-08 16:40

What are the differences between Adempiere and Compiere VAT set-up?

We are planning to use Compiere in different countries world wide where different VAT laws might exist.

1. How can you set-up "VAT Tax Points" in Compiere or Adempiere? In other words when you sell items and depending from the local laws, output VAT could be due at the time of receipt of the payment or at the time of delivery of the goods.

2. Is there a way to creates Tax Codes for VAT as follows (this is just an example): Abbreviation Description

-----

T00 = Exempt

T0 = Zero Tax

T1 = Partial Rate

T2 = Standard Rate for Product Category "A"

T3 = Standard Rate for Product Category "B"

3. Is there a way to then associate and set-up Tax Rates to the above Tax Codes?

Like T0 would be 0%.

And T2 could be 15% or whatever.

And T3 could be 20% or whatever.

4. Is there a way to set-up (creates) rules based on:

Country

Person

Threshold

Here is how it would need to work for us:

COUNTRY would have a picklist like:

DOMESTIC

RELATED

UNRELATED

TRIANGULATION

PERSON (B\_Partner) would have a picklist like:

REGISTERED

UNREGISTERED

NOT APPLICABLE

THRESHOLD would have a picklist like:

OVER

UNDER

NOT APPLICABLE

5. And is there then a way to associate the combination of the above criteria to the correct Tax Code. Here below are examples:

For example if I'm in Denmark and I'm selling a book locally (DOMESTIC) and the person I'm selling it to is not VAT

Registered (UNREGISTERED) then the combination applies a certain Tax Code and consequently a certain VAT rate.

But in a different circumstance if I'm in Denmark and I'm selling books to a VAT Registered entity in Italy the rules are different, that is RELATED for Country and REGISTERED for Person

With the 3 above criteria different combination of rules could happen and the fact is that depending from the circumstances of the sale, the combination might be different with different Tax Code and so different VAT rate.

6. Based on the above example does Compiere or Adempiere have any way to set it up so that when you create an Order the invoice that is generated as a result automatically applies the correct rule and so applies the correct tax (without this being a manual process for the person to select the rate but doing it automatically)?

7. Is there any other data about VAT set-up in Adempiere or Compiere? In other words the above are basic points thought if there are other data about VAT and how VAT should be set-up it would be great to know them.

Michael Judd (mjudd) - 2007-08-10 14:41

Have you looked at <http://www.adempiere.com/wiki/index.php/ADempiereVAT> ?

I'll have a quick go at your questions:

1. I've looked at a way of supporting VAT on cash basis accounting (as allowed in the UK) using the isPaid - is that what you're looking at doing?

2. yes - you have two options which depend on some rules at the point of sale. For instance, using your example - T2 and T3 might be determined at the point of sale depending on the use of the product sold. i.e. if the product is used to alleviate a medical need it might be zero rated, or a food / publication might be used for educational purposes and thus attract a concessional rate. If you need this, then create the taxes in within the same tax group - otherwise - you might look at creating 1:1 tax group to tax relationships and then assigning the group to the product.

3. Associate product with tax group

4. Country yes, Person (Business Partner) yes threshold - don't think so - what threshold specifically - the sale, the item etc ? I don't quite understand your example. Perhaps you might clarify.

5. Yes - to country, from country with override on business partner. It's not intuitive as it might be - it would be good to define Europe as a region for example

6. As above.

7. see VAT link

Further thinking - have you considered registering a SE company? SE companies are registered in one member state in the EU but exist in all EU member states. The benefit is that there is no cross border VAT issues - you just account for VAT in the state in which you register the SE. Obviously, there are benefits from selecting a jurisdiction that has a lower rate of VAT . There are also benefits on transfer pricing - one company I worked with was able to cut their finance costs by 20% - by implementing this - no debt collectors on group owned companies - no bonuses for them, a massive reduction in invoicing, reconciliation etc ...

## **2.105 Printing problem form the Account Info**

### **Developers**

By: Anu (anu\_netaccount) - 2007-07-26 05:31

I am trying to take prints form the Account Info after execting the desired query, but when i take prints by clicking the print button available in the lower right corner it prints the reports screenshot not the report i.e it prints the form/window that is visible on screen. How i can take proper printouts.

moyses (moyses) - 2007-07-26 07:21

At this moment that is not possible, I already opened a feature request for this

Anu (anu\_netaccount) - 2007-07-28 00:33

I have done this myself. It is quite easy. Here is what i m have done for taking prints from accounts info .

In AcctViewer class in action performed method and on print action i call the tables print method, this will give you the print out of all record but without column headers for that you have to add table on scrollpane directly not on its viewport.

## **2.106 allot a resource(s) to a request**

### **Bazaar Open Discussion**

Amit (amit\_saxena) - 2007-07-27 10:54

Is it possible to allot a resource(s) to a request. For example a customer requests for a proposal/quotation. The proposal is made by the proposal department. Can we allot a resource to the request or anything similar to that?

Redhuan D. Oon (red1Project Admin) - 2007-07-28 00:47

The answer to your question is yes that is possible because u can formulate your request as a type of Sales Order with DocType 'proposal' or requisition, and at the orderline select a product of type resource.

In GardenWorld we have Consultant Mary as an example

## **2.107 Import different locations to BusinessPartner**

### **Functional-ERP**

By: tingting.free (tingting\_free) - 2007-07-16 09:19

Does anybody of you have ever importet several different locations to one Business Partner? For exampel, the company ABCDE has 4 subsidiaries in US, UK, France and Austira. Ist it possible to import all the locations once?

By: Joel Stangeland (jssolutions) - 2007-07-16 10:07

Try this patch: [http://sourceforge.net/tracker/index.php?func=detail&aid=1634851&group\\_id=176962&atid=879334](http://sourceforge.net/tracker/index.php?func=detail&aid=1634851&group_id=176962&atid=879334) works for us.

## **2.108 Error WebUI**

WebUI: Access to system-level windows without authentication Private: (?)

No

A dangerous vulnerability which allows non-authenticated users to access system-level Windows, has been discovered in WebUI and the fix is also included.

It is strongly recommended that you patch your installation even if you don't use WebUI.

You can read more technical details about this vulnerability at

[http://sourceforge.net/tracker/index.php?func=detail&aid=1745703&group\\_id=176962&atid=879332](http://sourceforge.net/tracker/index.php?func=detail&aid=1745703&group_id=176962&atid=879332)

The fix is provided as a JAR archive file.

To patch your installation please extract the archive. We will call the root directory of archive PATCH\_HOME. Then follow the below commands. (Make sure JAVA\_HOME/bin is in your path.)

Linux, Unix, Mac and Solaris users

=====

```
$ cd $ADEMPIERE_HOME
$ jar uvf lib/adempiereApps.jar -C $PATCH_HOME org/compiere/www/WFilter.class
$ jar uvf lib/adempiereApps.war -C $PATCH_HOME WEB-INF/web.xml
$ ./RUN_setup.sh
```

Windows users

```
=====
\> cd %ADEMPIERE_HOME%
\> jar uvf lib/adempiereApps.jar -C %PATCH_HOME%
org/compiere/www/WFilter.class
\> jar uvf lib/adempiereApps.war -C %PATCH_HOME% WEB-INF/web.xml
\> RUN_setup.bar
```

Bahman

## 2.109 Callout Method

### Developers

By: Emerson Ricardo Rodrigues (emersonunk) - 2007-06-28 18:48

I created a process to generate invoices according to my needs... this process is activated by a button in the Invoice Window... and I want to execute the method "datarefreshall" to refresh the grid with the new invoice generated... I created a field "GenerateInvoice" in the C\_Invoice and define a "callout" that calls the method "datarefreshall" associated to this field... And I tried to modify this field in the end of the process and in the "beforesave" method (MInvoice) to execute the callout...

But the callout didn't execute in this two ways (process and beforesave)... only when I change the field "GenerateInvoice" manually...

Is this any way to execute a callout from a process or "beforesave" method? Or calls "datarefreshall" out of callout?

Lalit Mohan Chandra Bhatt (lalit\_lmc) - 2007-06-28 22:51

For the beforesave method to work you have to name the extended model class in a specific way and the extended class has to reside in certain package structure. The logic of finding the extended model class is in M\_Table.java (s\_package array).

You can get more details here: [http://www.adempiere.com/wiki/index.php/NewWindow#Extending\\_the\\_model](http://www.adempiere.com/wiki/index.php/NewWindow#Extending_the_model)  
[http://sourceforge.net/forum/message.php?msg\\_id=4298877](http://sourceforge.net/forum/message.php?msg_id=4298877)

Emerson Ricardo Rodrigues (emersonunk) - 2007-06-29 15:43

I did this way (class MInvoice):

```
import org.compiere.model.CalloutInvoice;
...
protected boolean beforeSave (boolean newRecord)
{
    CalloutInvoice inv = new CalloutInvoice();
    inv.datarefresh(Env.getCtx(), WindowNo, mTab, mField, "GenerateInvoice");
    ...
}
```

Is this right? The method "datarefresh" is defined in "CalloutInvoice"...

But I need the parameters WindowNo, mTab and mField... How can I get these?

I'm sorry, but I am new on this. If you can exemplify I will be very thankful...

Bahman M. (bmovaqar) - 2007-06-29 16:00

Your question is answered here: [http://sourceforge.net/forum/forum.php?thread\\_id=1745373&forum\\_id=610548](http://sourceforge.net/forum/forum.php?thread_id=1745373&forum_id=610548)

### 2.110 *Journal Posting Problem: Period Closed*

#### **Help**

By: busybee (gunda) - 2007-06-27 07:23

When posting a journal with opening balances amounts, I get the error: Period Closed (no error log!). All Periods are open.

I have one calendar with two years and 12 adjustment periods each (business year). Does the client require a calendar with standard calendar months as well?

Windows 2000, Adempiere 3.2, Postgresql

By: Carlos Ruiz (globalqss) - 2007-06-27 08:34

> Does the client require a calendar with standard calendar months as well?

Yes Gunda, the query of open period specifically looks for standard -> PeriodType='S'

By: busybee (gunda) - 2007-06-27 09:49

Thanks Carlos for your quick response!

Sorry for being so dump. I still have not quite understood how you would use a business year calendar and a standard calendar at the same time. Our business year is from beg April to end March. As far as I understand, each year needs to have 12 periods, right? Thus there will be some over-lapping between the two calendars. Can I really have two calendars at the same time?

I have now set up a standard calendar year as well. As a result, active and non-active periods are on the drop-down lists.

I still get the same error message after adding a standard calendar, resetting the application server and re-log in. I tried to de-activate the business year calendar with the same result. Still no error log either. Any other ideas?

busybee (gunda) - 2007-06-27 14:26

SOLVED!!

A Standard Calendar needs to be set up, just as Carlos said. However, in the Client Info Tab, the Standard Calendar needs to be selected. As far as I understand, the set up of Financial Years (differing from standard calendar years) is for reporting purposes.

thanks Carlos again for the very good pointer to the right direction!

### 2.111 *Deleting Garden World*

Bazaar Open Discussion

How?

By: albert (albertachen) - 2007-06-24 02:14

For Oracle

=====

Delete Client >> GardenWorld

=====

PROCEDURE ZZ\_CONSTRAINTS\_DEL\_GARDENWORLD

(

-- xcur OUT refcur.xCursor,

p\_OWNER IN VARCHAR2

)

AS

CURSOR Cur\_Constraints IS

SELECT \* FROM ALL\_Constraints c

WHERE c.OWNER=p\_OWNER

AND c.CONSTRAINT\_TYPE='R';



```

CURSOR Cur_Tables IS
SELECT * FROM ALL_Tables c
WHERE c.OWNER=p_OWNER;
s_SQL VARCHAR2(2000);
BEGIN
DBMS_OUTPUT.PUT_LINE('ZZ_Constraints ');
FOR c IN Cur_Constraints LOOP
s_SQL := 'ALTER TABLE '||c.owner||'. '||c.table_name ||' DISABLE CONSTRAINT '||c.constraint_name;
DBMS_OUTPUT.PUT_LINE(s_SQL);
EXECUTE IMMEDIATE s_SQL;
END LOOP;
FOR c IN Cur_Tables LOOP
DECLARE
d_SQL VARCHAR2(2000) := 'DELETE '||c.table_name ||' WHERE AD_Client_ID=11'; BEGIN
DBMS_OUTPUT.PUT_LINE(d_SQL);
EXECUTE IMMEDIATE d_SQL;

EXCEPTION
WHEN OTHERS THEN
DBMS_OUTPUT.PUT_LINE(SubStr('Error '||TO_CHAR(SQLCODE)||': '||SQLERRM, 1, 255));
END;
END LOOP;
END ZZ_CONSTRAINTS_DEL_GARDENWORLD;

```

RE: Deleting gardenworld  
By: albert (albertachen) - 2007-06-24 02:14  
Dear 'GardenWorld' Killer:  
After GardenWorld was gone.....

=====

Enable Constraint Type 'R'

=====

PROCEDURE ZZ\_CONSTRAINTS\_ENABLE

```

(
-- xcur OUT refcur.xCursor,
p_OWNER IN VARCHAR2
)
AS
CURSOR Cur_Constraints IS
SELECT * FROM ALL_Constraints c
WHERE c.OWNER=p_OWNER
AND c.CONSTRAINT_TYPE='R';

```

```

CURSOR Cur_Tables IS
SELECT * FROM ALL_Tables c
WHERE c.OWNER=p_OWNER;

s_SQL VARCHAR2(2000);
BEGIN
DBMS_OUTPUT.PUT_LINE('ZZ_Constraints ');
FOR c IN Cur_Constraints LOOP
s_SQL := 'ALTER TABLE '||c.owner||'. '||c.table_name ||' ENABLE CONSTRAINT '||c.constraint_name;
DBMS_OUTPUT.PUT_LINE(s_SQL);
EXECUTE IMMEDIATE s_SQL;
END LOOP;

END ZZ_CONSTRAINTS_ENABLE;

```

## 2.112 Project Management Module

Functional-ERP

By: chrisc\_at (chrisc\_at) - 2007-06-02 13:51

At the conference in Berlin I discussed the "Project Management Module" with some of you. Thanks again at this place to all, who made Berlin possible.

Basically the outcome was that people are using the pm module for different things (quite usefully things;-), but not really for managing projects. As well in the "roadmap to killer app" discussion some of you mentioned the pm module would have to be rewritten in worst case.

As we want to use ADempiere in our own company, we would need a project management module (at least for financial project management).

As a project based consulting company, projects are part of our core business and should be handled in our ERP System.

Tingting ( She introduced herself already ) is working on here thesis at the moment in our company.

[http://sourceforge.net/forum/message.php?msg\\_id=4283643](http://sourceforge.net/forum/message.php?msg_id=4283643)

Part of her thesis should be a gap analysis of the Adempiere pm module. She is going to analyze the gap between what we have and what should be there for our company (and others hopefully).

Thus we would like to have your thoughts about the current pm module and the future of it.

- Is anybody using the pm module already as designed ? What are your experiences ?
- What are the good things in the module ?
- What are there current shortcomings you see ?
- What would you like to see in PM Module ?

We are going to summarize the results in the wiki afterwards.

Maybe we could integrate with other open source project management tools. ( With focus on different diagrams, gantt charts, Documentation, ... ) I don't think we should have all the classic pm stuff (various diagrams, gantt charts, ...) in ADempiere.

I think It would be ok to synchronize the financial project plan we have in ADempiere with an external tool. What tools could be thought of ?

Does anybody have experience with ]project open[ ( <http://www.project-open.com/> ) ?

What are your thoughts about it ?

The pm functionality seems to be quite comprehensive. ( We've tried their virtual appliance )

I don't think we should integrate with this tool, as it's a tool for financial project management and invoicing of projects as ADempiere should be (imo). Maybe we can learn from it in terms of needed functionality.

Redhuan D. Oon (red1) - 2007-06-02 15:10

Nice to have met u in Berlin. Me still here recovering from a cold i caught from you. :D

About the PM module, well, its more of managing orders for a project and not over a time schedule.

Good things are:

- 1) Allow tracking of orders belonging to a certain customer, from the purchasing side
- 2) When shipments come in from the suppliers, it remembers that its for a certain project and so u can route directly to the said customer.
- 3) Additional project expenses can assigned to the project
- 4) As shipments are sent to customer, any outstanding ones can be noted in a report.

well thats in a nutshell i recollect.

moyses (moyses) - 2007-06-04 07:52

One shortcoming as I see is that you can not assign an internal inventory use document to a project. At least in my company that's quite a common task.

Another shortcoming are the budgeting options for a project, I find them somewhat limited. There are no Gant Charts or you can not assign responsables for a task, etc.  
As red1 pointed out I believe it is more like a tracking order than a project management.

jmp (jenspfeiffer) - 2007-06-08 07:39

currently we use taskjuggler (<http://www.taskjuggler.org>) together with freemind ([http://freemind.sourceforge.net/wiki/index.php/Main\\_Page](http://freemind.sourceforge.net/wiki/index.php/Main_Page)) for project planning. Monitoring is done with taskjuggler. What we a missing most: timekeeping! It's a p.i.t.a. to collect individual timesheets etc...  
This should better be done with - well, ADempiere and a nice (Web-)UI, n'est ce pas?  
I like taskjugglers approach to "program" project plans, even if this is by no means standard. Anyway, maybe something useable as a starting point for further investigation...

tingting.free (tingting\_free) - 2007-06-20 08:39

I jumped into this ADempiere Project 2 months ago. I'm Tingting, who's writing her thesis about ADempiere (like Chris mentioned above). I'm analyzing the PM functionalities in ADempiere right now. And to be honest, I'm not having so much fun with it. I have some questions, maybe I can find the answers here:)

1. Is there any good Tutorial about that? I studied the User Manual Version 2.5.3c of Compiere. In my opinion, it's not explained very clearly at some places.
2. Why will the Phases and Tasks only then be copied, when "Service(Charge)Project" has been chosen as the "Project Category".
3. I added a new project with level "task". After selecting a product in the template "Task Line", getting its price and giving the planned amount, shouldn't I see the planned amount in the template "Task"? Shouldn't the system count the total planned amount from all the task lines together and show it in the Task Template? and the total planned amount from all the phases in one project should be counted by itself also, am I right?
4. I also tried to generate order. It failed, because "the Sales Rep.\_ID is mandatory". But I didn't see any field, where I should give the information about the Sales Rep. Any idea?

ghat (ghat) - 2007-06-21 05:56

I think following things should needed to update the PM module.

1. There should be a place to issues multiple inventory items to projec. Currently we have to issue inventory items one by one.
  2. During the project progress WIP should be capitalise to a balance sheet account and once the project is completed should be able to reverse back Capitalise cost or revenue to P&L accounts. If not there should be option to capitalise it as Fixed asset.
  3. Partly invoicing capability
  4. Should be able to invoice only some of the tasks or inventory parts in the project.
  5. It will be handy if our PM can link to MS project management.
- These are few things came into my mind . I will update some more later.

### **2.113 Fix ImpInvoice:get paymentterm for partner**

Developers

By: Bojana (tbojana) - 2007-06-21 07:49

When we import invoice, the paymentterm\_id is not imported for those business partner, for which we separately set paymentterm in 'business partner-> customer' window (c\_bpartner table). We fix this with new update statement in ImportInvoice.java file.

So, when we import invoice and business partner has no paymentterm\_id, in our case the correct way is, first to check if business partner have define paymentterm\_id in c\_bpartner table (business partner -> customer -> payment term window).

1. If 'Yes' then process 'Import Invoice' should get the paymentterm\_id from c\_bpartner table
2. if 'No' then should get default paymentterm (paymentterm\_id='Y')

For this reason we add into the 'ImportInvoice.java' process that first have to update I\_Invoice table for those business partner which have paymentterm defined in c\_bpartner table.

I will appreciate if you will include following statement into next release.

```
--- ImportInvoice.java.orig 2007-06-11 15:28:22.000000000 +0200
+++ ImportInvoice.java 2007-06-11 15:27:45.000000000 +0200
@@ -225,6 +225,13 @@
+ // Payment Term
+ sql = new StringBuffer ("UPDATE I_Invoice o "
+ + "SET C_PaymentTerm_ID=(SELECT C_PaymentTerm_ID FROM C_BPartner bp"
+ + " WHERE bp.C_BPartner_ID=o.C_BPartner_ID or bp.value=o.bpartnervalue AND bp.C_PaymentTerm_ID is not
+ null) "
+ + "WHERE I_IsImported<>'Y'").append (clientCheck);
+ no = DB.executeUpdate(sql.toString(), get_TrxName());
+ log.fine("Set BP PaymentTerm from BP=" + no);
+ //
```

## 2.114 *Dependant field*

Developers

By: Asset (assety) - 2007-06-16 05:36

Does anybody know how to take number from one field, calculate the 10% of it, and insert the result to the other field in the window. I've read the similar articles in the forum but am not sure they match my task...

moyses (moyses) - 2007-06-16 06:42

In Adempiere terms, you are talking about a Call out. You can find the definition in our wiki here:

<http://www.adempiere.com/wiki/index.php/Tutorials>

An a good example about how to implement them in the following document created by red1

<http://compiere.red1.org/Callout.zip>

karsten-thiemann (kthiemann) - 2007-06-16 07:15

here is one example from the ADempiere code (org.compiere.model.CalloutEngine.rate()). It is called from table C\_UOM\_Conversion, field DivideRate and does nearly exactly what you need: public String rate (Properties ctx, int WindowNo, GridTab mTab, GridField mField, Object value)

```
{
if (isCalloutActive() || value == null) // assuming it is Conversion_Rate
return "";
setCalloutActive(true);
BigDecimal rate1 = (BigDecimal)value;
BigDecimal rate2 = Env.ZERO;
BigDecimal one = new BigDecimal(1.0);
if (rate1.doubleValue() != 0.0) // no divide by zero
rate2 = one.divide(rate1, 12, BigDecimal.ROUND_HALF_UP);
//
if (mField.getColumn().equals("MultiplyRate"))
mTab.setValue("DivideRate", rate2);
else
mTab.setValue("MultiplyRate", rate2);
log.info(mField.getColumn() + "=" + rate1 + " => " + rate2);
setCalloutActive(false);
return "";
} // rate
```

Lalit Mohan Chandra Bhatt (lalit\_lmc) - 2007-06-17 03:45

If you do not want to persist the data and if it's fine that the field is populated after you save the record than you can use the virtual column. This data is not persisted in data base also.

For virtual column use the column sql field in Table and Column window. You can see into the help also about this.

karsten-thiemann (kthiemann) - 2007-06-17 09:14  
see here for an example:  
[http://www.adempiere.com/wiki/index.php/Virtual\\_Columns](http://www.adempiere.com/wiki/index.php/Virtual_Columns)

Asset (assety) - 2007-06-17 00:23  
Yeah, I did it, thanks a lot to Moyses and Karsten... :)

Michael Hoennig (mhoennig) - 2007-06-17 01:25  
Has ever anybody considered a compound widget concept like this: The possibility of defining widgets which are created for certain n:1 combinations of fields instead of creating 1:1 widget per field? As long as these widgets are defined for all UIs (Swing, HTML-Forms, AJAX), they would automatically be applied for all occurrences of the specified combination of fields. If missing in a specific UI, it would still use the base set of widgets. Just an idea which might help making the UI more handy.

karsten-thiemann (kthiemann) - 2007-06-18 03:04  
can you please give an example for such a widget?

Michael Hoennig (mhoennig) - 2007-06-18 06:33  
A simple example for such a widget would be a widget of zipcode/town or even street/zipcode/town. The zipcode or town could be set automatically in many cases if not even all cases, same with the town if the zipcode is given. Sometimes its not so much about combining multiple fields but more about special input methods of specific fields. A typically hard wired kind of such an input method is a popup calendar for a date field, from which the user can select the date.  
Such a widget as I have in mind is a generic way of producing such input editors for a single or multiple fields.

## 2.115 *How to use replenish Report*

Bazaar Open Discussion  
By: Anu (anu\_netaccount) - 2007-06-11 07:03

I m trying to use Replenish. I tried it with GardenWorld demo data, but when i run replenish report, report contains records for all items, those have record under replenish tab in "warehouse and locator", even when they are not satisfying the replenish criteria e.g. in garden world i have 20 items on hand for item "Rose Bush" and its minimum level is 15 and maximum level is 25 even than this is in report.  
But i want to see the records those are either below minimum or above maximum level.

karsten-thiemann (kthiemann) - 2007-06-12 02:09  
we use a custom form for replenishment because we have some special needs but we also had to alter this behaviour...  
So in ReplenishReport.java line 260+ you have to change the following statement:  
`// X_M_Replenish.REPLENISHTYPE_ReorderBelowMinimumLevel`  
`sql = "UPDATE T_Replenish"`  
`+ " SET QtyToOrder = Level_Min - QtyOnHand + QtyReserved - QtyOrdered "`  
`+ "WHERE ReplenishType='1'"`  
`// CHANGED: if reorder below minimum - fill up to maximum`  
`sql = "UPDATE T_Replenish"`  
`+ " SET QtyToOrder = Level_Min - QtyOnHand + QtyReserved - QtyOrdered +`  
`Level_Max - Level_Min "`  
`+ " WHERE ReplenishType='1' AND (Level_Min - QtyOnHand + QtyReserved - QtyOrdered )>0 "`

Should we consider this as a bug?

Colin Rooney (croo) - 2007-06-12 03:28  
Yeah Karsten that looks like a bug to me!  
If it's not below minimum then it shouldn't be replenished!?

It's not a current requirement for me but I wouldn't mind seeing an example of custom replenishment class for some complex scenario (not necessarily yours)... the compiere manual seems to have ignored the subject.

karsten-thiemann (kthiemann) - 2007-06-12 03:50

we didn't use the custom replenishment class - we wrote our own form for replenishment because the current replenishment ignores BOMs and we have some other requirements as well e.g. if the replenishment orders products from some categories it is an external refinement and so we have to create internal use documents and so on.

But looking at the code of ReplenishReport line 343:

```
qto = custom.getQtyToOrder(wh, replenish);
```

You just have to create a class with one method:

```
public BigDecimal getQtyToOrder(MWarehouse wh, X_T_Replenish replenish){  
    return new BigDecimal("1000");  
}
```

of course you can get some information from replenish object like

getM\_Product\_ID, getLevel\_Max(), getLevel\_Min()...

to create some useful logic but I guess that my little class is the compiere style of an enhancement example ;)

Colin Rooney (croo) - 2007-06-12 05:01

I had wondered where the custom class is defined ... I expected when I choose custom on the product replenishment tab a new field would appear where I would define the class, but I see from the code you pointed out that the custom class is warehouse defined & should implement the interface ReplenishInterface() (which again as you point out has only one method).

## 2.116 Date format of Invoice

Bazaar Open Discussion

By: ghat (ghat) - 2007-06-12 05:04

I need to change the print format of date printed in Invoice. Current print format is MM-DD-YYYY, but I need to change it to DD-MM-YYYY.

Colin Rooney (croo) - 2007-06-12 05:12

the date format used is, if my memory is correct, linked to the language.

And on the Invoice I believe the Business Partners language is used ... but not 100%.

ghat (ghat) - 2007-06-12 05:59

I have tried that. but printout doesn't get the format what I need. In Invoice window it displays as DD-MM-YYYY. But printout has the date as MM-DD-YYYY.

Colin Rooney (croo) - 2007-06-12 06:44

And what is the format defined for the language of the Business Partner?

I tried in Garden World... I use dd/mm/yy for English (ireland), so on screen is dd/mm/yyyy but BP:Joe Block in GardenWorld is English (USA) so it prints MM/DD/YYYY on the orders/invoices etc... but if I change his language to English (Irish) then the date format on documents for Joe Block changes to dd/mm/yyyy

albert (albertachen) - 2007-06-12 06:12

```
-----  
PrintDataElement.java  
-----
```

```
public String getValueDisplay (Language language)  
{  
    .....  
    .....  
    .....
```

```

        else if (DisplayType.isDate(m_displayType))retValue =    DisplayType.getDateFormat(m_displayType,
language).format(m_value);
    }
    return retValue;
} // getValueDisplay
-----

```

DisplayType.java

```

-----
public static SimpleDateFormat getDateFormat (int displayType, Language language)
{
    Language myLanguage = language;
    if (myLanguage == null) myLanguage = Language.getLanguage();
    //
    if (displayType == DateTime) return myLanguage.getDateTimeFormat();
    else if (displayType == Time) return myLanguage.getTimeFormat();
    return myLanguage.getDateFormat();// default
} // getDateFormat
-----

```

Language.java

```

-----
/**
 * System Languages.
 * If you want to add a language, extend the array
 * - or use the addLanguage() method.
 */
static private Language[] s_languages = {
    new Language ("English",AD_Language_en_US, Locale.US, null, null,MediaSize.NA.LETTER),
    //Base Language
    //ordered by locale
    //Not predefined Locales - need to define decimal Point and date pattern (not sure about time)
    new Language ("\uFE94\uFEF4\uFE91\uFEAE\uFECC\uFEDF\uFE8D (AR)",
    AD_Language_ar_TN, new Locale("ar","TN"), new Boolean(true),
    "dd.MM.yyyy",MediaSize.ISO.A4),
    =====
    new Language ("\u0411\u044A\u043B\u0433\u0430\u0440\u0441\u043A\u0438 (BG)",
    AD_Language_bg_BG, new Locale("bg","BG"), new Boolean(false),
    "dd/MM/yyyy",MediaSize.ISO.A4),
    =====
    new Language ("Catal\u00e0",AD_Language_ca_ES, new Locale("ca","ES"), null,
    "dd/MM/yyyy",MediaSize.ISO.A4),
    etc. etc.
}

```

Trifon Nikolaev Trifonov (trifonntProject Admin) - 2007-06-12 06:22  
 Albert is trying to say that Date format depends on logged language. Thank you Albert.

Colin Rooney (croo) - 2007-06-12 06:45  
 MM-DD-YY = USA English  
 DD-MM-YY = UK English

ghat (ghat) - 2007-06-12 21:04  
 After changing the BP language invoice and payment date format are working perfectly. Thank you for the help.

albert (albertachen) - 2007-06-13 06:21  
 thanks you tell us really requirement of Adempiere.....  
 <<<<After changing the BP language invoice and payment date format are working perfectly >>>>





- 1.Change BP language to UK english
- 2.then print check & remittance.It is printing correct format as I want
3. Add new field in to view eg: created by
4. Then try to print language in UK english blank page appears.
5. If language change to US english can get the printout without any error. Newly added field also displaying. Any solution for this problem.

By: Colin Rooney (croo) - 2007-06-18 03:57

I was stuck on something like this for days last week. For me the solution was ... If make changes in the AD (such as tables (or views) as you mention) you need to run the "Add Missing Translation" process. In the Language window select the language you use, press the language maintenance button, then select "add missing translations" from the option.

I suspect your problem is the same!?

karsten-thiemann (kthiemann) - 2007-06-18 04:06

it is just a guess but I think that you have no translation entry for your new field. Since the default system language is US english it works fine with this language but if you switch to a different one (no matter which one) you will get this problem.

Solution - just another guess ;) - you have to set UK english as a system language and create missing translations for it. (login as System Administrator - go to Language - select UK english) See here for details:

[http://www.adempiere.com/wiki/index.php/Language\\_Pack\\_Installation#Step\\_1:\\_Preparing\\_the\\_Installation](http://www.adempiere.com/wiki/index.php/Language_Pack_Installation#Step_1:_Preparing_the_Installation)

### **2.117 Translate**

Developers

By: mahirmasala (mahirmasala) - 2007-06-11 06:29

I was wondering how to translate the top menu-bar (file etc..) the tabs workflow,... basically the frontend, what user can see..

Teo Sarca (teo\_sarca) - 2007-06-12 02:46

You need to translate the AD\_Message table (AD\_Message\_Trl).

The items that are used for menu have MsgType='M':

```
select * FROM AD_Message where MsgType='M'
```

Note: Don't edit those directly, to translate them. Use AD\_Message\_Trl instead.

### **2.118 Install Error**

Postgres

By: Bahman M. (bmovaqar) - 2007-06-10 12:47

ADempiere client runs with either JDK 1.5 or 1.6. But to setup the ADempiere database on PostgreSQL you need a library called Pl/Java. Currently Pl/Java compiles only with JDK 1.5. Therefore

- client runs with 1.5 and 1.6
- server runs with 1.5 and 1.6
- Pl/Java compiles with 1.5

In other words, to import ADempiere database into PostgreSQL JDK 1.5 is needed. Once import is done, it doesn't matter anymore which JDK the server has.

### **2.119 Change position of tax in print format**

Functional-ERP

By: Sergio Aguayo (sergioaguayo) - 2007-06-04 14:05

We're customizing the invoice print format. We must implement the following format, for the lines:

Code Description Unit price Quantity Total (without taxes)

Sub total

IGV

Total

Where:

- Sub total is the sum of the lines (which don't include taxes)

- IGV is the sales tax (19% of subtotal right now)

- Total = subtotal + igv

However, the only thing i can get is the following:

Code Description Unit Price Quantity Total (without taxes)

IGV xxxx.xx

Subtotal xxxx.xx

Total xxxx.xx

Is there any way of changing the tax's place?

Alejandro Falcone (afalcone) - 2007-06-05 07:55

Some clues here: [http://sourceforge.net/forum/forum.php?thread\\_id=1669294&forum\\_id=610547](http://sourceforge.net/forum/forum.php?thread_id=1669294&forum_id=610547) Functional-Financials

## 2.120 Sales Region & Financial Report

By: vpranger (vpranger) - 2007-06-02 06:23

GardenWorld has two Sales Regions. East & West. How to set up the Income Statement in such a way that Sales for East, Sales for West and Total Sales are displayed in separate Lines.

(In Report Line, if Segment Value is Chosen, with Sales Region as the Report Source, then the report comes empty..)

sam (sam24368) - 2007-06-02 21:34

For each ReportLine, you can choose Multiple Sources, Each source being an Accounting Schema Element (Such as Account, Product, Sales Region..). For your requirement, under GardenWorld, if you setup two sources for a line as below, the following happens.

Setup :

Line 01)

Source a : Account, 4 Sales

Source b : Sales Region, East

Line 02)

Source a: Account, 4 Sales

Source b: Sales Region, West

Consequence :

Both lines display the sales of same value (ie., no distinction between East & west Sales Regions). The reason being that in Class MReportLine under the method getWhereClause(int PA\_Hierarchy\_ID), the following line comes - sb.append (" OR ");

If we change it to - sb.append (" AND ");, then the system provides what you have asked for. We would rather wish if any of the community member can throw some light on why the line - sb.append (" OR "); has an "OR" instead of an "AND"..

Curious to know what impact "AND" will have on ReportHierarchy.

Trifon Nikolaev Trifonov (trifonnt) - 2007-06-05 08:30

>If we change it to - sb.append (" AND ");, then the system provides what you

>have asked for.

>

>We would rather wish if any of the community member can throw some light on  
>why the line - sb.append (" OR "); has an "OR" instead of an "AND"..  
>  
>Curious to know what impact "AND" will have on ReportHierarchy.  
It sounds like a bug inherited from Compiere times.  
It would be good if a bug reports is created and patch is attached.

### **2.121 Setup Initial balance for Product & BPartner**

Functional-Financials

By: usman (usman88) - 2007-03-26 00:39

I'm planning to migrate legacy data to adempiere.

In the meanwhile what i know is to create invoices for Business Partner and Physical Inventory for Products.

But using these techniques require tedious repeated data entry since I have 20.000+ products and 2500+ business partners.

Does any body know the simple and fastest way to setup initial balance for Business partner (AR/AP account) and Product (Quantity and Asset Account) ?

moyses (moyses) - 2007-03-26 09:01

Hi Usman, you may try to use the adempiere process Import product, import business partner, import invoice.

Basically you need to create a template for a csv file, indicating the value of the product, name, etc. the same principle applies to business partners.

Soheil Qanbari (lightofunity) - 2007-06-05 12:28

Besides the response of moyses, i suggest for the initial balance for Business partner

AR/AP account) and Product (Quantity and Asset Account) to use import GL Journal as well. So and as you know you may create a dynamic protocol for the import process from a cvs files using Import Format and loading the format data as well.I hope it helps you.

### **2.122 How to capitalise assets?**

Functional-Financials

By: ck\_4J (lamco) - 2007-05-31 00:10

i m new in adempiere and i m implementing adempiere for an i.t company. can someone tell me pleas, how to capitalise assets and how to use retained earnings account?

Colin Rooney (croo) - 2007-06-01 03:33

can you provide more details of what you mean by assets?

You would currently create manual posting from the P&L Income Summary Account to the Balance sheet Retained Earnings as part of the End of Year process. There is some ongoing dicussion of automating or at least simplfying the creation of such a GL Journal.

ck\_4J (lamco) - 2007-06-06 01:32

well, i mean fixed assets such as air conditioner, computer hardware etc...

for the air conditioner entry, what i did is to create invoice(vendor), material receipt and payment

The posted accounts:

Invoice (vendor)

DR (51290) product inventory clearing

CR (21100) Accounts Payable Trade

Payment

DR (21300) Payment selection

CR (11110) Checking in - Transfer

Material Receipt

DR (17200) Fixtures  
CR (21190) Not invoiced receipts

Matched Invoices  
Dr (21190) Not invoiced receipts  
Cr (51290) product inventory clearing

Does someone can tell me please if the air conditioner is correctly posted?

Colin Rooney (croo) - 2007-06-06 03:47

Ok so Fixed Assets. I think the best solution for those is the Fixed Assets 2Pack plugin... but I've only read the manual I haven't had time yet to install it. But it looks great, but might be a bit much for some I suspect.

Looking at the postings above it looks ok to me - at the end of the day (if you included the payment selection & banks statement posts too) the only thing to actually change is the Bank is Credited & the Fixtures are Debited ... which is what happened. You spent money & increased your Fixtures value.

The only point is that the Accounts Payable Trade is used so any reporting might be skewed I think if I was doing it this way (which I might:) I would create a Product Category & BP Categories (just to simplify the setting of accounting defaults) and use different accounts for all aspects... including inventory clearing and Accounts Payable to separate trade purchases from other buying ... but that might be going over the top. In the end, I will ask the accountant for the company implementing and let them decide! :)

Another option is rather than create the Fixed Asset as a product is to create a "Charge" pointing to the Balance Sheet account for the Fixed Asset (17200-Fixtures) in this case. Then as you did create a AP Invoice... that will then by-pass all the inventory postings. And post directly to the account in question. The Posting for the Invoice will be DR-Fixtures & CR-Accounts Payable.

### **2.123 *Dependant mandatory fields***

Developers

Dirk Niemeyer (needle58) - 2007-06-03 02:01 sometimes there is a need for a construct I would call "dependant mandatory field". Means that you must fill in a field when you selected a value in an other field.

An example application is incoterms. We need two fields, one is a selection field with the 13 possible incoterms and the second field is incoterms\_location where you have to fill in something when you selected a non null value.

So when you do not select an incoterm an empty incoterms\_location is ok.

When you select "FOB" (free on board) you have to put in a location like "Rotterdam".

This can not be done with mandatory fields at database level because the content is only "logically mandatory".

Bahman M. (bmoqaar) - 2007-06-03 02:15

Currently you should handle these validations and dependencies in MClass.beforeSave(). To improve the user-friendliness of the window you could define a Default Logic for the slave field to have a default value based on the master field value.

Dirk Niemeyer (needle58) - 2007-06-03 02:42

you are right. I just thought there could be some construct like the current display logic. If the field is displayed because of the content in some other field then it MUST be filled in or you are not able to save the current entry.

And in this example case there is no default value. Could be any location.

karsten-thiemann (kthiemann) - 2007-06-03 03:06

Bahman is right, the beforeSave is the place to validate the form but if you need to inform the user that he has to fill a field you could use a callout for that.

Btw - I did a gui enhancement for some similar reasons that makes it easy to set the background color of a field from within a callout so that I can mark fields as mandatory/error. Maybe I should review the code :) and post it to trunk. Then you would have a callout for the incoterm field that sets the location field to error if you select a non null

incoterm (and back to normal if you select null) and another callout for the location field to set it to normal when the user selects a country.

That might not be the most elegant way to solve this kind of problems - so what do you think?

I did some tests and it looks to me that it is quite easy to have the additional logic for a MandatoryLogic field. I just tried it with hardcoded values but it should be no problem to do this with real ad fields too:

1. add a String field 'MandatoryLogic' to GridFieldVO: (of course we have to add more lines of code here if we go this way - look at ReadOnlyLogic field in this class)

public String MandatoryLogic = "1=1"; //fake logic -> all fields should be mandatory now

2. change the GridField -> isMandatory() by adding the following lines at it's beginning:

```
public boolean isMandatory (boolean checkContext)
```

```
{
```

```
// Do we have a mandatory rule
```

```
if (checkContext && m_vo.MandatoryLogic.length() > 0)
```

```
{
```

```
boolean retValue = Evaluator.evaluateLogic(this, m_vo.MandatoryLogic); log.info(m_vo.ColumnName + " Mandatory(" + m_vo.MandatoryLogic + ") => Mandatory-" + retValue);
```

```
if (retValue)
```

```
return true;
```

```
}
```

```
[...]
```

Thats all - now all fields are mandatory because of the 1=1 allways true logic

If you think that this is a good approach I can do the coding (GridFieldVO) and sql for the new MandatoryLogic field in AD\_Column tomorrow.

So what do you think?

By: Heng Sin (hengsin) - 2007-06-03 18:03

Bahman M. (bmoqaar) - 2007-06-03 10:20

By: Teo Sarca (teo\_sarca) - 2007-06-04 00:15

By: Trifon Nikolaev Trifonov (trifonnt) - 2007-06-05 13:52

Useful and straight-forward! You have my vote :-)

Thank you!

karsten-thiemann (kthiemann) - 2007-06-04 04:54

Hi,

I created a feature request for it by copying the first posting from here. I will commit my solution later today to trunk.

## 2.124 Bug - User Mail

Developers

By: anatoly\_ (anatoly\_) - 2007-06-04 00:26

Bug in: Partner Relations - Request - Mail Template - User Mail

Row view - 7 columns

Grid view - 5 columns

Yet same mistake:

Material Management - Material Management Rules - Change Notice

Row view - 11 columns

Grid view - 9 columns

Colin Rooney (croo) - 2007-06-05 03:16

Actually there are always 7 columns but some are overlapping in the "form" view. The problem lies in the window/tab definition rather any code... somehow the seed db has been saved with 3 columns in a row having the "same line" flag ticked on the "User Mail" tab which means 3 fields are displayed over each other.

For now you can use the System Administrator role to correct this.. Using the "Window, Tab & Field" window select

the "Mail template" window and "User mail" tab and uncheck the "same line" for the field "Message ID".

anatoly\_ (anatoly\_) - 2007-06-05 22:56

Thank you. Problem with User Mail fixed.

What you can say about Change Notice?

Colin Rooney (croo) - 2007-06-06 09:15

it's the same issue...

Normally the fields are "Same Line" unchecked then checked ... if you look at the fields on this tab with System Admin you'll find there are fields with checked, checked... causing an overlap.

### **2.125 Web Client from Robert K.**

Developers

By: usman (usman88) - 2007-06-06 04:59

Robert K. just publish web client enhancement.

Check it out here : <http://www.oslabs.org/>

### **2.126 Runnig updated version 3.2.0 from web**

Developers

By: Bojana (tbojana) - 2007-06-07 07:40

I have updated from version 3.1.3 to 3.2.0 succesful but when i try to run Adempiere with button web start the error "Unable to load resource: <http://devadem.agenda.si:8880/admin/adempiereHome/customization.jar>" appear. But web shows me "Welcome to Adempiere 3.2.0 Home page".

If i run Adempiere from server where the version is updated everythings works ok.

I have solve the problem. obviously web browser save some setting and that was the reason why i could not update to version 3.2.0 from the web browser. When I clean buffer in Web browser (Edit -> Settings -> Privacy -> clear buffer) everythings work fine.

### **2.127 How to use Target Document Type item**

Functional-ERP

By: Junaid (junaiduzzaman) - 2007-05-29 01:02

Basically i want to prepare Purchase Order against Requisition,Sales Order or any other type of document. For that i prepared some Requisitions, Sales orders. But the problem is when m going to prepare purchase order i am unable to find those documents from target Document type list item(drop down) infact my prepared documents are not listed there.....Can any one tell me the problem? what m missing? and how can we populate Target Document Type list item with different types of documents?

albert (albertachen) - 2007-05-30 06:30

(1)prepare Purchase Order against Requisition  
,Sales Order or any other type of document.

(2)unable to find those documents from target Document type list item(drop down)  
infact the prepared documents are not listed.

we must check the item.....

Sales OrderOrderTarget Document Type

ReferenceType: Table

=====  
SELECT Table/Key/Display



```

=====
C_DocType : C_DocType_ID->Name
=====
Validation:
=====
C_DocType.AD_Client_ID=@#AD_Client_ID@ AND C_DocType.AD_Org_ID
IN(@AD_Org_ID,0)
=====
Field Ref_Val_Rule:::::
=====
C_DocType SO(Standard) ->
C_DocType.DocBaseType IN ('SOO')
AND C_DocType.C_DocType_ID NOT IN (1000234,1000255,1000340) =====
Table Ref_Val_Rule:::::
=====
C_DocType PO/SO ->
C_DocType.DocBaseType IN ('SOO','POO','POA')
AND C_DocType.IsSOTrx='@IsSOTrx@'
AND IsSOTrx='Y'
AND AD_Client_ID =1000014
AND C_DocTypeTarget_ID NOT IN (1000234,1000255,1000340)

```

## 2.128 Autocompletion on Comboboxes

Developers

By: Paul Bowden (phib) - 2007-04-19 18:56

I had been working on adding autocompletion functionality to Adempiere comboboxes but ran into some trouble with the MLookup combobox model not updating properly when the combobox is editable. Anyway, I've heard that autocompletion has been implemented in a recent Compiere release. Has anyone seen it and considered porting it to Adempiere? I think it would be a very worthwhile addition, as scrolling through long lists is frustrating, but currently the only alternative is a pop-up search which is overkill.

Heng Sin (hengsin) - 2007-04-19 19:35

if you have access to [svn.compiere.org](http://svn.compiere.org), you can see that it is implemented using a new combobox model. I believe that a new combobox model is needed for a proper implementation.

Paul Bowden (phib) - 2007-06-03 20:04

Autocompletion functionality for Adempiere is available at:

[http://sourceforge.net/tracker/index.php?func=detail&aid=1730452&group\\_id=176962&atid=879335](http://sourceforge.net/tracker/index.php?func=detail&aid=1730452&group_id=176962&atid=879335)

Please test and let me know what you think.

I had a look at the compiere sources and it seems that they have taken the approach of wrapping the combobox model in another model that filters the available items according to the entered text. The approach I have adopted leaves the model untouched but selects the first match from the list...it's probably a matter of personal preference which is better.

Heng Sin (hengsin) - 2007-06-03 20:14

IMHO, the filter approach is more user friendly for working with a large list:

- \* It is easier to read at one glance what are the possible matches.
- \* It is more obvious when what you have enter is not in the list.

Paul Bowden (phib) - 2007-06-03 21:23

I haven't tried the Compiere version so this is mere supposition, but I'd be concerned about the performance hit on a large list required to update the model at every keystroke. The implementation I've adopted does a simple search for the first match, which could be optimized to a binary search if it is guaranteed that the list is sorted (which is probably the case in Adempiere).

Secondly, I personally believe it is better to be able to see options in the region of the text you have entered, which gives you the option of scrolling through the list even after you have started typing. Once you've filtered the list you get no hints as to what other things you *could* have typed. For example, say you had two locations in a list with similar names: "Newton" and "New town". If you speedily type "New " you'll never realize that there was an option as the list will be filtered to "New town". Still, as I said, that's a matter of personal preference. (So we should either go with a majority preference or give the user a choice.)

Finally, the implementation prevents you entering text which is not on the list.

Anyway, give my version a go. If Compiere's is better, I think it would be relatively simple to port and I'd be willing to do that just to get the functionality in to Adempiere. I really hate having to scroll through long lists with the mouse...

Colin Rooney (croo) - 2007-06-04 10:29

In situations like this when personal preference comes into it I think we should adopt the approach of always enhancing ... never take away. With that in mind it strikes me that the enhancement required is to identify whether a combobox or a droplist should be used when we are defining the reference itself... and the UI engine should be enhanced to accomodate this when creating the window.

Paul Bowden (phib) - 2007-06-04 19:25

It shouldn't be too difficult to create a new reference type, though I'm not convinced it is necessary. The "enhanced" combobox still has all the capabilities of the existing drop down list (which is just an uneditable combobox), i.e. it has a drop down list that you can select from, and it would be beneficial to use in any place where the lists are currently used. As nothing is being taken away, adding another reference type could be considered to be adding unnecessary complexity.

The personal preference is in how a autocompleting/autoreducing combobox should behave when a user enters text. I have just downloaded the latest Compiere zip and tried out their version so I'll have a go at explaining the difference. The first thing is that both make the textfield in the combo box editable so that the user can enter text. In Compiere's version the string entered is used to do a case-insensitive filtering of the items in the drop down list to those with any partial match to the string. Hitting enter returns the first item in the filtered list. If the user types text that doesn't match any item the list is empty and hitting enter returns null. The 3 options (Green, Red, Yellow) would thus be filtered to (Green, Red) if the user type "re". There are some quirks in the UI however. As soon as an item is selected by mouse or keyboard, the list is repopulated with all items. This means that it is impractical to use the keyboard to scroll down through a filtered list (because as soon as you press the down key once, it selects the first item, and the list becomes unfiltered), so you are forced to either type until the desired item is at the top of the list, or resort to the mouse. Second, in a long list with a scrollpane the first item often ends up out of the viewport so you can't see what will be selected if you hit enter.

In the autocompletion model I've suggested, on each user keystroke the list is searched for the first case insensitive match on an item *\*starting\** with the entered string. If one is found that item is selected in the list (causing the list to scroll if necessary), the text field is updated to match the selected item (with any added characters selected so the next keystroke will overwrite them). If no match is found, the keystroke is refused, and the selected item remains selected. Thus in the above example, typing "r" would leave the list as (Green, Red, Yellow), but Red would be selected instantly and "ed" would be appended to the "r" you typed as selected text. Scrolling and selecting with the keyboard or mouse behaves normally. This form of data entry seems to me to be more intuitive (and more commonly used) than Compiere's approach.

One issue I have noticed that applies even to the current implementation, is that as soon as an item is selected in the list the field is treated as updated and callouts/dynamic validation occurs. This can be seen if you scroll through the list of target document types in Sales Order using the keyboard. I think this should only occur after the final selection is made (drop down list closes, focus is lost?).

## **2.129 *Material Reciept is created with MM Returns***

Developers

By: Lalit Mohan Chandra Bhatt (lalit\_lmc) - 2007-05-29 22:35

I am programatically generating the material reciept from another customised window. My intention to get MM Reciepts as the document type but I am getting MM Returns as document Type.

The relevant code is:

```

////////////////////
//Create a Material Reciept document
MInOut shipment = new MInOut (getCtx(), 0, null);

//Fill the values from Cane Recipet document
shipment.setC_DocType_ID(MDocType.DOCBASETYPE_MaterialReceipt);
shipment.setMovementType(MOUMENTTYPE_VendorReceipts);
shipment.setC_BPartner_ID(mCaneReciept.getC_BPartner_ID());
shipment.setC_BPartner_Location_ID(mCaneReciept.getC_BPartner_Location_ID());
shipment.setDescription("Created via Cane Receipt No. " + caneRecipetID);
shipment.setM_Warehouse_ID(mCaneReciept.getM_Warehouse_ID());
shipment.save();
////////////////////

```

Here mCaneReciept represnts the other window from which data is fetched.  
 MOUMENTTYPE\_VendorReceipts is "V+".

Not sure if it is a bug or I am doing something wrong. If it is a bug I will file this in the bug list.

Redhuan D. Oon (red1) - 2007-05-29 23:21

Dont think it is a bug, if this is happening due to a Callout. You may need to check that first.

ok, did u try to put a break in your IDE during source debug run to see if the getC\_DocType returns that 1000013?

Colin Rooney (croo) - 2007-05-30 00:35

```
>> shipment.setC_DocType_ID(MDocType.DOCBASETYPE_MaterialReceipt);
```

Not sure this is correct!?

C\_DocType\_ID is a typical integer adempiere pkey value... but the DOCBASETYPE\_values are 3 digit alpha codes in tis case "MMR"

Actually I'm surprised it doesn't generate an error because MDocType.DOCBASETYPE\_MaterialReceipt is a String and shipment.setC\_DocType\_ID expects an Int!?

Bahman M. (bmovaqar) - 2007-05-30 00:46

Hi Colin,

The method signature is: public void setC\_DocType\_ID (String DocBaseType).

Inside, it performs a SELECT to extract the integer ID of that type out of C\_DocType.

Colin Rooney (croo) - 2007-05-30 02:04

sorry ... It was early ... I must have been still asleep ! :)

aha I see now ... I was looking X\_MDocType & X\_MInOut

So the problem must lie in this selection (in MInOut.setC\_DocType\_ID)

I wonder is it the IsSOTrx flag causing the problems... I see there are mroe than one record in DocType with DOCBASETYPE = MMR

Bahman M. (bmovaqar) - 2007-05-30 02:33

Yes, good point Colin! Looks like now you are awake :-)

A simple query to the database shows that if isSOTrx = Y the DocType would be 'MM Customer Return' otherwise 'MM Receipt Receipt' or 'MM Receipt with Confirmation'.

Lalit Mohan Chandra Bhatt (lalit\_lmc) - 2007-05-29 23:18

As a stop gap I have put the following code for document type shipment.setC\_DocType\_ID(1000013); and this works fine.

Trifon Nikolaev Trifonov (trifonnt) - 2007-06-05 07:15

Hi,

>As a stop gap I have put the following code for document type

```
> shipment.setC_DocType_ID(1000013);
```

C\_DocType is created for each Client in Adempiere. This means that GardenWorld client has different C\_DocType\_IDs from other Clients. Your code will work only with one specific case. You need to find appropriate C\_DocType\_ID from C\_DocType taking into account AD\_Client\_ID.

### 2.130 Issues in Libero.zip

#### Developers

William G. Heath (wght) - 2007-05-31 19:16

I am finding issues in /branches/libero/2pack/Libero.zip

Url: <http://adempiere.svn.sourceforge.net/viewvc/adempiere/branches/libero/2pack/Libero.zip?view=log>

```
<column ADColumnNameID="DocAction" ADProcessNameID="Process Manufacturing Order"
```

```
ADElementNameID="Document Action" ADReferenceNameID="Button"
```

```
ADReferenceNameValueID="_Document Action" ADTableNameID="PP_Order" ADValRuleNameID=""
```

```
Callout="" ColumnSQL="" ColumnName="DocAction" DefaultValue="--" Description="The targeted status of the document" EntityType="D" FieldLength="2" Help="You find the current status in the Document Status field.
```

```
The options are listed in a popup" isAlwaysUpdateable="false" isIdentifier="false" isKey="false"
```

```
isMandatory="true" isParent="false" isSelectionColumn="false" isActive="true" isTranslated="false"
```

```
isUpdateable="true" Name="Document Action" getIsSyncDatabase="N" ReadOnlyLogic="" SeqNo="0"
```

```
VFormat="" ValueMax="" ValueMin="" Version="0"/>
```

etc etc etc

Notice: DocAction CHAR(2) DEFAULT --

This does not work but this might:

DocAction CHAR(2) DEFAULT '--'

Any ideas how to fix this?

Also PackOut.xml does not comply with xml validation. It says it is missing </process> closing tags etc... Does adempiere have a standard xml validator that 2pack could use to check for such issues before attempting to import?

Redhuan D. Oon (red1) - 2007-06-02 07:39

Dont think u have to worry about close tags.. those are XML exceptions not the Handler's ones. This i remember from 2 years back when first tried XML2AD.

Dirk Niemeyer (needle58) - 2007-06-02

trying to replicate your findings I first got lots of errors due to printfmt lines without any of the id fields having content. After deleting them I came across the missing </process> entries. so I put them in manually. Creating a patch file it turns out that everywhere there was an empty printfmt there is now a </process> line.

Looking at PackOut.CreateProcess I think that due to something about the printfmt the line with hd\_menu.endElement("", "", "process"); was never reached. did you see any errors while running PackOut?

After this patching PackIn is completeng. Alas I have all of the AD\_Field entries in the log with status "Failure". It looks like the corresponding AD\_Element entry has not been generated and therefore org.compiere.model.MField.beforeSave always produces a null pointer exception.

To understand better: do you declare each table to be exported on its own? And are you importing to ora or postgres?

### 2.131 Invoice Price Variance – IPV

Functional Finantials

By: sam (sam24368) - 2007-05-18 03:38

When we buy (place the Purchase Order with a vendor, receive material, enter vendor invoice in the system and then do

the invoice matching), the system also makes a posting to Account 58100, Invoice Price Variance (IPV). The posting amount is the difference between productcost (that has been posted to inventory when we receive the material) and the invoice Price.

This IPV for Purchase is treated as a part of CoGs.

Consider this : We buy a material that gets sold after two periods. In this case :

- 1) The IPV of this material, becomes a part of the CoGs of the current Period (it should be after two periods, the time in which it is sold)
- 2) The inventory account, instead of reflecting the purchase price of material (the actual cost) , reflects the values from ProductCosting.

If the above understanding is correct, should this IPV Account 58100 not be part of Inventory (in Assets, under 14)? (& not under CoGs)

Thanks for Clarifying.

By: Colin Rooney (croo) - 2007-05-20 11:56

This is a good question and I have been waiting to see if one of the accountants among use could provide soe guidance. While we wait I will give some of my thoughts.

First off, I just want to confirm that the Invoice Price Variance should only post when standard costing is used.

The question of the IPV applied to costs today for product that may be sold in two months is a valid one. But, with standard costing such scenarios are inevitable and could just as easily be the opposite... here where I am for example typical terms for wholesalers are 60 plus days but the customer sale could be immediate! And what if the Invoice has not yet been received before the period end? I think if you need to take account of such scenarios, or those you describe, you would be better using one of the “actual costing”, i.e. methods LIFO, FIFO.

At the end of the day I think a Profit & Loss A/C based only of the standard COGS would not be an accurate account... and if the IPV is to be included in the P&L then in the calculation of the Gross Profit (Operating profit) seems to be the most appropriate place. The IPV + COGS should provide a more accurate (if not timely) figure of COGS. But I do think this issue of timing exists and is one inherent in using standard costing. As another example in your support ... imagine during the year we purchased 1000 product for \$1 each and sold them for \$2 each, then on the day before Year End purchased & paid for 1000 more of the same product @ \$3000 (or \$3 each). According to our P&L we would have Sales of \$2000 (that actually cost us \$1000) but with the addition of IPV would report the costs as \$1000 (COGS) + \$2000 (IPV) resulting in a Operating Loss of \$1000. I guess we could argue that at those prices we did make a loss whether it be now or later!? When we sell the product next period we will only report a COGS of \$1000 so at the end of teh day it should all balance out ... again it's a issue of timing.

On the question of applying the variance to the Product Asset account. Again this is the choice we are faced with when choosing a costing method. The initial Standard Cost figure is typically calculated to take into account variances ( in product cost, labour costs & fixed overheads).

So how much is our product really worth? Is it how much we purchased it for? How much it would cost us to purchase it today? Perhaps we can also produce the product ourselves and at a better price... does that reduce the value of the product we have already purchased? In my previous example imagine we could purchase the product from our preferred supplier for \$1 ea. but we needed the product ASAP so we purchased from another closer supplier and paid a premium ... paying \$3. What is the value of our stock?

At the end of the day, as I'm sure you are aware, accounting is not the science we often think it and the “creative” accountant may chose many “techniques” to achieve a result that best suits the company in question. I think in such a scenario consistency is the best we can hope for. Anyway those are my (non professional accountant) thoughts on the subject.

By: Michael Judd (mjudd) - 2007-07-16 14:52

I have also been thinking about this and how IAS2 (Issued under the IASB prior to establishment of IFRS) applies.

Firstly, some definitions:

- Inventories are assets (future economic benefit) held for sale in the ordinary course of business in the process of product for sale or in the form of materials or supplies to be consumed in production or rendering services. (IAS2R.6) Different types of business will hold inventory in the ordinarily course of business differently from others, such as real estate, agricultural, retailers and manufacturers. In some businesses, a product may be a raw material, an intermediate

product and a finished good all in the same form (i.e. thinner in the paint industry is an example)

So to make matters simpler - I'm going to exclude inventories to which other standards apply such as works subject to a construction contract, agricultural and forest products (and other depletable resources) where net realisable value is employed, financial instruments, for example.

The recognition of the inventory assets is simple using the Colin's example above: 1000 @ 1 = 1000.

IAS2R.9 says that "Subsequent to initial recognition, entities should measure inventories at the lower of cost or net realisable value"

Cost is established already, so now we need to concern ourselves with net realisable value.

If the goods are specifically identified for goods and not ordinarily interchangeable (like cars) or those segregated for specific projects then they should be tracked specifically.

If not, as in Colin's example, then Weighted average or FIFO (the benchmark treatment) can be used for valuation.

There are many methods that fall within the definition for WAC/FIFO and the main issue is to apply them consistently. IAS2R.25,26

So technically, these costs should go to inventory and then be de-recognised when sold. The usual assumption is that trading stock is turned over many times in the year and hence at balance date, you would adjust your closing inventory (adjusting for obsolete inventory) at valuation date and adjust your COGS accordingly. This is pretty normal in the trade - the focus being to get the right number on the balance sheet at the balance date.

However, if we go back to the technically correct position - I believe we would do as follows: Receipt of Inventory (Material Receipt) \*Note: Adempiere may use various costs based on the costing rule in operation

DR Product Asset (Current Asset) 1000

CR Not Invoiced Receipts (Current Liability) 1000

Comment - If balance date fell at this point in time, we would need to look to the purchase contract to see who had the title to the goods. In most contracts, title doesn't pass until the goods are paid for and hence we may not be entitled to the future economic benefit of these goods. In a pure technical sense, perhaps the goods should be put in to a special account for "Goods On Hand"

Receipt of Supplier Invoice

DR Inventory Clearing (COGS) 1000

CR Accounts Payable (Current Liability) 1000

The Inventory Clearing is currently in the P&L, the first transaction into the process being a DR which means that we are charging our P&L the cost of the goods - even if they are not sold. I believe that we should make this account somewhere in the Current Liabilities space.

Matching the Invoice

DR Not Invoiced Receipts (Current Liability) 1000

CR Inventory Clearing (COGS) 1000

At this point, we have the following balances:

DR product Asset 1000 (OK)

CR Accounts Payable 1000 (OK)

The issue as illustrated above is how does Adempiere accumulate cost (and adjust for it when the invoice price changes from say the PO price)

I think in an IFRS world, it might be difficult to justify costing methods Average PO, Last PO, LIFO (based only on their name) and I'd like to have a closer inspection of Last Invoice, Average Invoice, FIFO, and standard cost.

So using Colin's example above, when the goods are received and the supplier invoice is delivered for 2000 (1000 units at 2), then the inventory should be 3000. i.e. if the inventory is sold prior to the purchase of the units @ \$2, then the COGS should be 1000. If the 1000 units are sold after the purchase of the units @ \$2, and assuming an average cost (obviously the costing method impacts here), then the COGS should be 1500. (Sales revenue of \$2000)



I'll expand this using the IPV & PPV and then update the thread when I've had a chance to model each of these and then run each of the scenarios.

### **2.132 Adding print preview button**

Developers

By: Paul Bowden (phib) - 2007-03-20 20:29

I uploaded a patch which adds a print preview button to the standard toolbar:

[http://sourceforge.net/tracker/index.php?func=detail&aid=1684853&group\\_id=176962&atid=879334](http://sourceforge.net/tracker/index.php?func=detail&aid=1684853&group_id=176962&atid=879334)

I find most people don't want to preview everything they print, but if they do it is annoying to have to go to the preferences dialog to enable the preview and then disable it afterwards. It is common for other applications to include a print preview toolbar button so I think its a worthwhile addition.

The patch is incomplete as it requires two icons to be added to the client/src/org/compiere/images directory named PrintPreview16.gif and PrintPreview24.gif respectively.

I would actually prefer it if the current report button icon be used for the purpose as it appears to be the standard Tango print preview icon and it looks like the print preview button in most applications. Perhaps something like tango x-office-document or text-x-generic icons would be better for the report button.

There probably also needs to be a translatable message "PrintPreview" added but I don't know how to do that. I'd appreciate anyone's help finishing this off -- though as its strictly speaking a new feature, perhaps I should have waited until after 3.2 is released.

Anyone willing to go out on a limb and commit this patch to svn on my behalf, now that the feature freeze for 3.2 is over?

### **2.133 JasperReports parameters problem?**

Developers

By: Anu (anu\_netaccount) - 2007-05-30 04:44

i have created a new process from "Report & Process" window and passing classname "org.compiere.report.ReportStarter". Also i have created some parameters too.

when i run the process it asks for parameters, but when i try to getparameters in startProcess method through pi.getParameter(), it returns null.

Why the parameters are null??

Also when i click on my reportProcess menu, it shows the start process dialog with appropriate parameters, after opening the report it again shows a startprocess dialog without any parameter. what may be the reason of this. can any one tell me.

Colin Rooney (croo) - 2007-05-30 04:55

I pass the parameters by adding the parameter in teh paramter Tab of the "Report & Process" window... teh important bit is to set the "DEFAULT LOGIC" to @PARAMETER@ where PARAMETER is the name of the Parameter you used when creating your report.

So for example I pass the Finanical period some reports I created.

My jasper report (freated using iReport) expects a parameter called C\_PERIOD\_ID which it uses to restruct the selection.

On the report definition in the "Report & Process" window I create a new parameter in the Parameter Tab named C\_PERIOD\_ID and set the "Default Logic" to @C\_PERIOD\_ID@

And this works for me!

When I run the report the I am prompted for the Period (with a drop down) and the ID of the selected period is passed to the report.

First time I forgot the "Default Logic"!



Ricardo (ralexsander) - 2007-05-30 06:06

Parameters are case sensitive.

Record\_ID != RECORD\_ID

You need to set iReports parameters exactly you set in Adempiere parameter name (DB Column Name).

If you set the parameter mandatory you can not send NULL to iReports.

### **2.134 AppServer - DataBase connection ERROR**

Developers

By: Asset (assety) - 2007-06-01 05:05

sometimes application server loses connection with database(Oracle 10g XE), and can't create connection until i reload oracle server.

same things happen when m trying to connect with sqldeveloper or built-in oracle DB administrative tools...

i think, oracle just refuses to accept the connection.

what can you say about my problem?

Ricardo (ralexsander) - 2007-06-01 07:04

Did you change a number of process in DB?

--See the max number of process

SELECT value FROM v\$pparameter WHERE name='processes';

--Change 300 to number of process you want

alter system set processes=300 scope=spfile;

alter system reset sessions scope=spfile sid='\*';

### **2.135 Callout not being called out..not working**

Developers

By: gaurav (gaurav\_bhatia) - 2007-05-31 04:02

I am facing problem with callout. Suppose i have two tabs on a window ABC and XYZ. And on one field of XYZ lets say 'Age', there is a callout which do some calculations. When i set value in that field (ie Age) from ABC tab (from after save function of MAbc), callout of Age is not fired. In other words callout on 'Age' field is not fired when i set value in it from code.

But when i enter value in Age from XYZ tab itself, callout works properly.

karsten-thiemann (kthiemann) - 2007-05-31 12:41

I'm missing some information - but I'll try by guessing :)

First - when you say 'i set the value from code' you mean from a callout - right?

If you implemented the callout the standard way you first check the static isCalloutActive() method and return if it returns true. Because it is a static method you have only one instance for all callouts so it will return true if one callout is active. So if you implemented your callouts this way:

```
if (isCalloutActive() || value == null)
```

```
return "";
```

```
setCalloutActive(true);
```

```
[...] - your code
```

```
setCalloutActive(false)
```

```
return "";
```

then no callout can be executed while an other callout is running.

So to solve the problem you could just don't use the isCalloutActive() - but sometimes you need it because otherwise you could end in a circle - or you implement your own static myCalloutIsActive() for every callout - to prevent you from circular callout runs but allow calling of an other callout while your callout is active.

gaurav (gaurav\_bhatia) - 2007-05-31 23:54

Thanks for your reply and information. Well, Karsten I am setting value not from callout bust from AfterSave function of M Class.

Let me explain you again.

let say there is window having two tabs. ABC and XYZ.

From AfterSave() function of ABC I am setting value in a field of XYZ. let say setAge(10); where Age is a field of XYZ table and has a callout attached with it.

Now when i set value in Age from AfterSave() function of ABC, Callout that has been attached with this column is not fired automatically.

Earlier in previous version of Compiere and Adempiere it used to work fine.

karsten-thiemann (kthiemann) - 2007-06-01 00:16

again to help you I need more information because there are many ways to set/save the value. So can you please post the relevant lines of code from the afterSave and perhaps the callout too so that I can simulate your setup here. And maybe we can discuss it in chat later.

martin (maugustine) - 2007-06-01 00:39

HI

I am looking at a earlier version but this is my understanding.

Callouts are not automatically called from code. So if you set a field in code no callouts are called. Callouts are generally used to set values on a window.

gaurav (gaurav\_bhatia) - 2007-06-01 03:13

Ya Sure

I have two tabs

1. ABC
2. XYZ

against which I have MFiles

1. MAbc
2. MXyz

Tab XYZ has been linked with table name C\_XYZ. This table has following fields:

1. AD\_CLient\_ID TableDirect
2. AD\_Org\_ID TableDirect
3. IsActive Char(1)
4. Name String(40)
5. Radius Number(10)
6. Area Number(10)

Now..on field Radius there is callout:

```
public String area (Properties ctx, int WindowNo, GridTab mTab,
GridField mField, Object value)
```

```
{
if (isCalloutActive() || value == null)
return "";
setCalloutActive(true);
BigDecimal radius = new BigDecimal();
BigDecimal pie= new BigDecimal(3);
BigDecimal area= new BigDecimal();
radius = mTab.getValue("Radius");
area=pie.Mulitply(( radius.Mulitply(radius));
mTab.setValue("Area", area);
```

```
setCalloutActive(false);
return "";
} // area
```

And I am setting value in field Radius from afterSave function of MAbc

```
protected boolean afterSave(boolean newRecord, boolean success)
```

```
if(newRecord & success)
```

```
MXyz xyz = new MXyz(getCtx(),0,null);
```

```
xyz.setRadius(10);
xyz.Save();
return true;
}
```

Now my problem is...when i set value in radius, the callout 'Area' is not fired where it should be before itself and set value in area field. But it does not get executed by itself.  
What could be the possible reason?

Bahman M. (bmovaqar) - 2007-06-01 03:29

As Martin already correctly mentioned, callouts are invoked by ADempiere GUI manager. So if you don't change a value through GUI, you can't expect the callout to run. For more info see GridTab.setValue().

One solution -perhaps a good practice- that I can suggest is to encapsulate what the callout does in a public method or class, so that callout simply invokes that worker method or class. This way you can call that worker method inside your code instead of being dependent on callout.

gaurav (gaurav\_bhatia) - 2007-06-01 03:42

Thanks for instant reply. Sorry i could not follow Martin that he is saying same thing.

But Bahman, it was working fine in earlier versions of compiere. And yes..If the logic is complex like on PO line we have a callout on qtyEntered which converts value of orderQty according to UOM selected etc...But is it advisable to write that code again in our own function again. Don't we have any other way out.

Bahman M. (bmovaqar) - 2007-06-01 04:33

> it was working fine in earlier versions of compiere

I don't have access to Compiere source code now but to be honest, I doubt if it worked even in Compiere. Anyway, as far as I know you can't do so in ADempiere.

> is it advisable to write that code again in our own

> function again

Obviously not! What I meant was that you can encapsulate your business logic in a method or even a class to which callouts or beforeSave() or afterSave() simply pass parameters. For example, If you have the following code:

```
beforeSave() {
// do logic block L1
```

```
}
```

```
afterSave() {
// do logic block L1
}
```

```
someCallout() {
// do logic block L2
}
```

it could be written as

```
beforeSave() {
logic_L1();
}
```

```
afterSave() {
logic_L1();
}
```

```
someCallout() {
logic_L2();
}
logic_L1() {}
```

```
logic_L2() {}
```

Just a simple example that you've certainly seen before :-)

> Dont we have any other way out.

As far as I know, no. But someone else might have good ideas for your case.

Warm regards,

Bahman

PS: Please feel free to ask more questions if somethings are still unclear.

karsten-thiemann (kthiemann) - 2007-06-01 04:46

I just want to say that I think that Bahmans solution is the best and most transparent way to do this. So I would advise you to follow his suggestions.

gaurav (gaurav\_bhatia) - 2007-06-01 05:22

Thanks Bahman and Karsten for your valuable information.

Bahman I got your point but my real problem is that i am setting value in qtyEntered of PO line from a new tab that I have created below it. In aftersave() of my tab I am setting value in qtyEntered of PO line which is adding value in qtyEntered with every record being created in my tab and i wanted that it should fire callout attached on that field by itself ie org.Compiere.CalloutOrder.qty, which has lots of complex logic in it and it is not good to make any alteration in that callout.

I agree with you that it cannot fire that callout by itself. And i want that the code written in that callout should get executed, may it be through my own function.

If i cut that code and copy in my own function and give a reference to my function in that callout as u just explained above, dont you think I will have to pass all those parameters again like gridTab, WindowNo etc

Like u said

```
beforeSave() {  
  logic_L1();  
}
```

```
afterSave() {  
  logic_L1();  
}
```

```
someCallout() {  
  logic_L2();  
}
```

```
logic_L1() {}  
logic_L2() {}
```

and if we call logic\_L2(); from someCallout() , I will have to pass parameters like ctx, windowNo, gridTab etc...right? and if i want to call same function logic\_L2(); from Before or afterSave() how would i pass those parameters (ctx, windowNo, gridTab etc) from my MClass...?

Thank you for your kind support

karsten-thiemann (kthiemann) - 2007-06-01 07:21

maybe I'm totally wrong but if you call the MOrderLine.save() method after the setting of the qty should be enough. In the beforeSave method of MOrderLine all values are recalculated.

Bahman M. (bmovaqar) - 2007-06-02 05:39

Maybe \_I\_ am totally wrong, but as far as I can understand there's a difference between what org.compiere.model.CalloutOrder.qty() and org.compiere.model.MOrderLine.beforeSave() do.

gaurav (gaurav\_bhatia) - 2007-06-02 01:57

I tried that also but it does not calculate values by itself..I mean code written in Callout..  
Thanks for your help :)

Bahman M. (bmovaqar) - 2007-06-02 06:22

It will not work that way. I talked with Teo about your problem, and this is the summary:

Teo: as i see you can't do this, basicly the question, is why ?

example: on afterSave you do some work to alter some columns and then you hit the save button. Now the afterSave is called or some model validators. The object is fetched again, some values are changed and you want to trigger a callout that -possibly- will alter some other fields. And the save button will be active again! So basicly - if you are not very careful - you will jump into a never ending save story.

That's why you can't call a callout from code.

But there's a problem: inside some callout methods lie some complex logic which -regarding the above fact- is not reusable. There are proposals to solve this issue. One of them, also from Teo, is

[http://sourceforge.net/forum/forum.php?thread\\_id=1746433&forum\\_id=610548](http://sourceforge.net/forum/forum.php?thread_id=1746433&forum_id=610548)

So if you have any ideas you're welcome to discuss them in that thread :-)

Redhuan D. Oon (red1) - 2007-06-02 08:12

Ah, better not use the Callout method that is inherited for another area, ie. real Callouts in AD stuff, yep its GUI action as aid above. To use in other area wont seem elegant.

Why not make a new field "radius" so that u can play with it more directly? U have to make the new field a child of your present context table - i.e C\_XYZ

Or if dont intend to hae front panel processing, then to your backend just make a new method in the M\_Xyz.java

### **2.136 Where is Multi Calendar?**

Bazaar Open Discussion

By: morteza (mv57) - 2007-06-02 04:45

I want to know where is the multi calendar in Adempiere and how can change the calendar to shamsi calendar.

albert (albertachen) - 2007-06-03 19:45

The Calendar is in Accounting-Schema...

### **2.137 automatic generation of sales invoice numbers**

Bazaar Open Discussion

busybee (gunda) - 2007-05-30 10:25

We have run an upgrade from 3.14 to 3.15 and discovered that the automatic generation of sales invoice numbers start again from 100001 instead of from the last one before the update. When I run the report, it lists all the sales invoices. This seems to be a minor problem but I am concerned that I will discover more. We have a fair bit of live-data in the database. However, it can be captured again. My question:

Would you recommend to roll-back to 3.14 and run the migration scripts again to upgrade to 3.2 OR would you reinstall Adempiere with version 3.2 and start capturing the data again? In other words, starting new with a stable release of Adempiere or migrating from previous versions to the stable release, which solution is preferable?

karsten-thiemann (kthiemann) - 2007-06-01 03:08

to solve this problem you might have to run the Sequence Check Process. Log in as System Administrator and go to System Admin -> General Rules -> Sequence Check.

### **2.138 Jasper Reports in Adempiere 3.2 + Logo**

Bazaar Open Discussion

By: busybee (gunda) - 2007-06-05 06:05

We migrated to 3.2. and we are very happy. You guys have done a great job. I have got 2 questions, please:

(1) Jasper Reports: the option is there (in print format) but there is no process to select. What do we need to do to make Jasper Reports working in 3.2 and what Java do we need (is JRE fine or do we need JDK)?

(2) How can I get our company logo onto reports such as invoices (printed and emailed)? I do not want to rebrand Adempiere, just to print company logos on reports. This would be particularly important for sending invoices, order confirmations, etc. by email.

Johannes Gubo (deathmeat) - 2007-06-05 07:06

Let me try to give you valueable answers to your questions.

1. You have to create a Jasper Process (it's generally a normal adempiere process) and assign that process to the printformat for which you wanna use JR instead of the standard printengine. I yet haven't finished the wiki article for jasper reports (I'm very sorry but I hadn't the time). But to get things round and done I will write a comprehensive article until end of this week.

In order to make use of Jasper Reports you need to have the the JDK since the reports get compiled on the fly for the first time. But let me mention that it actually is possible to run the clients with just a JRE.

In case you see no way to let the clients run a JDK please tell me and I can give you more detailed informations under which circumstances it is possible to "precompile" the jasper reports.

2. Embedding images into jasper reports is an easy task (iReport gives you nearly all possibilities).

If you want to have images in your standard reports generated by the default printengine, you have to modify the according printformat. There is a fieldtype called "Picture" afaik. You can specify a fully qualified URL (local or network one) to the picture you want to display in the report.

## 2.139 *Difference between Reference and Validation*

Bazaar Open Discussion

By: Lalit Mohan Chandra Bhatt (lalit\_lmc) - 2007-05-28 22:24

In Application dictionary there are two things Reference and validation. What is the clear difference between these two.

This question came up because I was working on a form which needed three fields for Business Partner. I did one with Validation and other two with reference. As I was using C\_BPPartner\_ID for reference to business partner I can use that once only. So I could use validation once only. Rest two I did with reference.

Trifon Nikolaev Trifonov (trifonnt) - 2007-06-05 08:50

Reference is something like a type. If reference is "Table Direct" Adempiere can find proper foreign column to which current column points. For example AD\_Client\_ID column, Adempiere find that it points to AD\_Client.AD\_Cleint\_ID column.

Validation can be used to limit records which are shown to the user.

albert (albertachen) - 2007-05-29 08:59

The Example :

Sales Order's C\_DocTypeTarget\_ID >>>>

=====

This is Window Tab's SQL\_Where:

=====

IsSOTrx='Y' AND AD\_Client\_ID =1000014

AND C\_DocTypeTarget\_ID NOT IN ( 1000234,1000255,1000340)

=====

This is Window Tab Field Column's WhereClause: =====

C\_DocType.AD\_Client\_ID= @AD\_Client\_ID@ AND C\_DocType.AD\_Org\_ID IN (@AD\_Org\_ID@,0)

=====

This is Window Tab Field's Ref\_Val\_Rule =====  
C\_DocType SO(Standard) -> C\_DocType.DocBaseType IN ('SOO') AND C\_DocType.C\_DocType\_ID NOT IN (1000234,1000255,1000340) =====  
This is Window Tab Field Column's Ref\_Val\_Rule =====  
C\_DocType PO/SO -> C\_DocType.DocBaseType IN ('SOO', 'POO','POA') AND C\_DocType.IsSOTrx='@IsSOTrx@'

We customized everything more than ...  
Like two UOM's Quantity ... Wafter Qty /Dic Qty  
Like Multiply Quantity ... Original Qty /SpareParts Qty/Ordered Qty  
Like Wafter Mask Refund ....

Like Lot Tracking ....

Like Material-Issue/Material-Usage/Material-Movement for Sub-Contract ....

#### **2.140 connection test errors but can connect ok**

Help

By: John Read (readj) - 2007-05-26 11:41

I have the server and client on separate LINUX machines connected via a WAN. I can connect and run Adempiere from the client.

Strange thing is though that I cannot use the buttons on the "connection" to test or set the application server. It always says that the application server is "not active". If I then, in spite of the error, click the "ok", it connects with no problem.

This means that I am stuck in the LAN profile, does this mean that the JNRR port is not used in the LAN profile? I also do not see any errors in the server startup around port 1099.

I have found a part of the problem. The jndi service does not start when I start Adempiere as a none ROOT user. I have declared a user "adempiere" with the environment, where the normal start happens and then there is no error in log, but also no port 1099. Perhaps I have to add a group or something??

However when the port 1099 is there, and I can make a test connection with telnet to it from the client. The connection test from the client still says that the application server is not active.

Can anybody help, or explain what is happening?

Bahman M. (bmovaqar) - 2007-05-27 03:49

I don't have a clue of what's happening out there, but

1. Are you sure you use the port 1099 in setup? (Sorry, this simple question sometimes helps :-)

2. Do you have any firewall enabled on server or client which may block connections on port 1099?

Teo Sarca (teo\_sarca) - 2007-05-27 06:19

When use configured the adempiere server , what name do you used for the app server name ?

On the client machine are you using the same name ?

Are you using DNS ?

John Read (readj) - 2007-05-27 07:13

your question put me on the right track.

The hostname is h1047267.serverkompetenz.net, and the reverse DNS points to this as well. As soon as everything was entered specifically for this hostname, things looked better.

I was surprised that it suddenly needed ports 1098(TCP), and 4444(TCP) in addition to the 1099 passed through the firewall.

This naming is however a problem as the hostname is provided by the server and is never used by us. All users access the system for all of its other services by one of the DNS alias entries relating to our company name.

Is there a way around this problem?



One other point that I discovered that is mentioned elsewhere, but caused me pain is that the JBOSS services are NOT listening on localhost!!! only on the interface address.

### **2.141 how to list initialized clients**

Help

By: John Read (readj) - 2007-06-01 11:16

I have not seen anywhere how to list the clients initialized on a system. Is there a way from "System" to manage the clients i.e. list, disactivate, etc?

I have only seen this any deactivation from within a client, which would mean that it can never be reactivated again.

Trifon Nikolaev Trifonov (trifonnt) - 2007-06-05 08:04

You can do this by log in as "System Admin" role in Adempiere.

Window is "Client", it shows all Clients into Adempiere and you can deactivate them.

### **2.142 Freight and Additional costs?**

Bazaar Open Discussion

By: Trifon Nikolaev Trifonov (trifonnt) - 2007-05-17 15:15

Dear Adempierians,

i have one BIIIIIG question.

After some search and test i found that additional costs defined by user like Freight, Handling and so on is quite difficult to manage and not working.

Does anyone managed to use Product Costs tables?

I'm not speaking about Landed Costs, just Product costs.

At one moment after i entered one Invoice (Vendor) for 500 USD i ended with very high price for selected product.

Initial price was 14 usd.

It looks that i will have to spend some hours debugging :(

Johannes Gubo (deathmeat) - 2007-05-17 15:58

i totally know what you are talking about. I've spent the past 4 days in getting our prices created the way we need them. There is a lot you have to be aware of when usign the pricelist schema and generated prices. So, right now I don't know where to start with my exaplanations. But long story short, we have to improve the pricelist generation a lot. Especially the entire pricelistschema/discountschema part.

For example. the Business Partner assignment of a schemaline does not take effect for sales, only for purchase price creation. And there are a number of other flaws and rough edges. I will write a more detailed comment about this by tomorrow.

Colin Rooney (croo) - 2007-05-17 16:08

>>>we have to improve the pricelist generation a lot in the short term we can make some bug fixes but I think the pricelists are generally very limiting. The calucluation of prices are, I think, something a rules engine is ideally suited to... with an RE all it is possible account for all posible pricing situations.

Trifon do you have problems with costs (as in posting to Cost of Goods sold) or with the product prices being defaulted on orders \* invoices?

Costs like shipping I have been (in tests only mind) been using charges pointing to the relevant GL accounts.

Trifon Nikolaev Trifonov (trifonnt) - 2007-05-17 16:26

Yes i have problems with additional Costs, like shipping, handling, freight and so on.

Window "Product Costs".

User can enter additional records in tab "Product Costs" according to Compiere user manual. I read Costs section for 5-th time... and still get problems to get results described there.

I have to post detailed use case in next post.

moyses (moyses) - 2007-05-18 07:52

I know what you mean, I simply give up after expending many days trying to set this up, and it didn't work, I thought that I was doing something wrong.

So I am receiving a lot of problems with costing, I am afraid that LIFO, FIFO, average costing, are simply not working properly.

Maybe others can tell us their experiences on this matter.

Elvis (elvis\_h) - 2007-05-18 08:25

as you know I tested and change some code for landed costs. I didn't tested additional costs (not landed) but if you post use case maybe I can help.

bu we put some specifics, so I think it will be problem for others (it is not generic solution).

Armen (armenrz) - 2007-05-28 04:37

We are also in testing all the costing stuff. We use Average Invoice.

What we have done so far to stabilize them:

1. When AP Invoice is voided, it should recalculate the cost.
2. Fix bug: when MR is partially matched with AP Invoice, at the second match, it always use the first **match's** Qty & Amt.
3. We found the same bug.

[http://sourceforge.net/tracker/index.php?func=detail&aid=1435741&group\\_id=29057&atid=410215](http://sourceforge.net/tracker/index.php?func=detail&aid=1435741&group_id=29057&atid=410215)

Landed/Additional Cost is not averaged, but get cumulated. (still working on this)

We'll let you know our progress. <http://www.goodwill.co.id>

## **2.143 CreditNote Reference to Original Invoice**

Functional-ERP

chrisc\_at (chrisc\_at) - 2007-05-23 15:57

We are implementing Adempiere 3.2 at the moment in our company.

As we want the full data of 2007 in the system we are working on importing all 2007 invoices in the system.

In our old system most credit-notes had a link to the original invoice.

We would like to import these References as well.

In the Standard Adempiere Config we haven't found a Reference field in the Customer Invoice.

When searching the AD we found the fields:

Invoice: Ref\_Invoice\_ID

Invoice\_Line: Ref\_InvoiceLine\_ID

Both fields don't have a "description" in AD, thus we are not completely sure about the functionality.

Are these fields meant be used to point to the original Invoice from a Credit Note ?

At the moment these fields are not AD Table References ( thus e.g. ZOOM does not work ) but ID Ref Types.

Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-05-23 23:21

those fields are used when creating counter document.

chrisc\_at (chrisc\_at) - 2007-05-25 05:56

Would you suggest to create new fields in the invoice for a reference to the original invoice from an Credit Note ?

I saw that Adempiere normaly uses (only ?) a text in the description as reference ?

I think it would be quite useful to have a real field reference.

I've seen this in other ERPs as well.

Colin Rooney (croo) - 2007-05-25 06:11

I think that would be a good idea ok ... and as you say is pretty much the norm.

I see the wiki is down right now, but when it's back you should check the details on the planned new RMA functionality. Although a credit note must not always be related to returned product, it is a common requirement so this requirement may be addressed by the planned RMA work!?

chrisc\_at (chrisc\_at) - 2007-06-02 07:45

Hi Colin,

Thanks for the information.

is the RMA work already started or is it still in specification phase ?

Would you say it would be possible (and usefull) to split the features ?

Thus we could implement the Basic Invoice Reference in the none RMA context very soon.

-> define new References in Invoice and/or Line

-> Import of Invoices incl. Reference to Orig. Invoice

-> Auto Link Cancelled Invoices

further details to be defined together with community ...

Maybe the infrastructure could be used by the RMA module later on

What do you think ?

By: JHSolutions (mjhoff) - 2007-06-05 23:41

Glad to hear you are moving along with Adempiere 3.2. In reference to your question on the RMA functions, this has been getting quite a bit of attention in the past few days. Much of the specification posted on the wiki link below is built and we should have something posted soon for community review: <http://www.adempiere.com/wiki/index.php/RMA> The things missing right now include a couple of advanced features such as the ability to push a button to launch a new sales order when a replacement product is needed. But the basic flow is functional and installed for one client we are working with as sort of a test case. We look forward to community feedback and enhancement to guide the RMA improvements across the finish line.

However, one design decision to highlight is that the RMA doc does not currently link directly back to an invoice, which seems to be the key issue in your posts. We considered linking the RMA to the invoice, but some users will need to return an item to a vendor or accept a return from a customer before an invoice has been issued (such as those who have a customer schedule for billing once per month). Since it seemed to limit us if we required an existing invoice as a prerequisite, the decision as outlined in the wiki spec was to link to the shipment.

So I just add this comment so that you do not wait for invoice linking in the RMA functions and then find to your disappointment that it is not there. We hope you find use for the proposed functions anyway!

If I may offer one side comment regarding your proposal to build direct links between invoices and credit memos. The tools for allocating invoices and payments against each other are powerful and building a separate feature such as what you mention for auto-linking canceled invoices could overlap existing Adempiere features. I agree that adding reference fields for your implementation could help preserve the legacy data that you need to import. But building new features such as auto-linking a canceled invoice against another are so similar to the existing allocation process that it may not be advisable. Of course each case is different and the flexibility you have to choose your own path is part of what makes this an enjoyable process. Joel H  
Idalica

#### **2.144 Raid1 mirroring**

Help

Terence Ng (ngterry) - 2007-05-24 21:57

I have two 80GB disks in my computer and I would like to set up a mirror to protect against a disk failure and there is no hot swap. What is the best way to configure my volumes?

1. Using LVM or EVMS better?
2. Do /boot need mirroring?

Terence Ng (ngterry) - 2007-05-25 03:20

Regarding to LVM:

[http://en.opensuse.org/How\\_to\\_install\\_SUSE\\_Linux\\_on\\_software\\_RAID](http://en.opensuse.org/How_to_install_SUSE_Linux_on_software_RAID)

#### **2.145 cups printer not seen**

Help

By: John Read (readj) - 2007-05-24 12:47

I have a Debian Etch system with cups installed, and cannot find any printers at Adempiere login. The cups is defined to access a remote printer via a remote CUPS as there are no printers connected directly to this server.

I have edited the socket out of the cupsd.conf, exported CUPS\_SERVER, added /usr/lib/libcups.so, as described in this forum but it all make no difference.

Does anybody have any more ideas??

Should I see a message during RUN\_Server2 if it finds a printer?

moyses (moyses) - 2007-05-24 12:52

What java version are you using?

What Cups version are you using?

<http://www.cups.org/articles.php?L433+I0+TFAQ+M10+P1+Q>

There is a problem that can apply to all java applications.

John Read (readj) - 2007-05-24 13:12

it is sun java 1.5.0, and cups 1.2.7.

I have already tried the suggestions in the cups article, and have not seen any improvement.

I restart Adempiere server and cups after each attempt. Is there anything else that needs to be reinitialized?

I dont know if this is relevant but the printers list that is displayed on login has a length indicating one or more entries (but no text). Perahps it alwaysmlooks like this, I cant tell.

Adempiere 3.2.0 with sourceforge patches and German language pack

moyses (moyses) - 2007-05-24 16:00

Are you able to print from other java applications such as jedit? It seems that it is more a java or cups issue rather than Adempiere.

Some time ago I had a hard time trying to print from java apps.

At that time one suggestion was to double check the names of the printers. Names with hyphens or underscore were not recommended.

John Read (readj) - 2007-05-25 00:24

I have automatically assumed that as the printer field was shown after connection to the server, that the cups.java connection on the server was relevant.... Oh no...

It has suddenly struck me, is it perhaps the client system java to cups connection that is used and needs to be modified, etc.?

It now works since I have modified the cupsd.conf on the client system.

Thanks for you help, and I hope that this helps anybody else who is working on split client/server systems.

#### ***2.146 Error in Translation of products M\_Product.Name vs M\_Product\_PO.Name***

Developers

By: Andrea (rnd4) - 2007-05-10 10:37

I'm currently using (filling the last data before entering production! :) Adempiere 3.1.0

While entering data one of my colleague notice that there was a trouble withing the "Purchase" tab of the "Product" window.

User selects a product (let's say ItemA) and select the Purchase Tab. Here he/she saws the right data for purchased item BUT the "Product" fied of this tab is "ItemB" and not "ItemA" as selected.

By looking at the program trace output I saw that Adempiere select this "wrong" product name from M\_Product\_Trl

table instead of M\_Product table (in fact if I login with english language I see the right stuff on this tab, while common users login with italian translation selected).

With the following query:

```
select p.m_product_id, p.name, p2.m_product_id, p2.name
from m_product p, m_product_trl p2
where p.m_product_id=p2.m_product_id
and p.name!=p2.name
```

I saw that that the same product has (on the two tables) different name field, even worst this field is filled with someone else product name!!

Has anybody encounter something like this before?

Is it "safe" that I fill back m\_product.name into m\_product\_trl.name?

How can it happen? it's just that maybe some of us login with a different language and change the product name? or is a bug hidden somewhere?

Michael Judd (mjudd) - 2007-05-10 14:33

it seems you have a problem with duplicate product ids in m\_product\_trl for m\_product - perhaps there are two Italian translations for the product.

What does the following query display?

```
select count(p2.m_product_id) from m_product p join m_product_trl p2 on p.m_product_id = p2.m_product_id
where p.name != p2.name group by p2.ad_language;
```

If count is more than 1 for any element then you have a duplicate on that product id

I don't have dups in my database so I think this should work but it's not tested ...

Your query shows '17', which is the number of lines my previous query shows..

Is it safe to replace the "wrong" M\_Product\_Trl.Name with the one provided with M\_Product.Name?

Can anybody explain how XXXX\_Trl works? (or how it is supposed to work ;-)

karsten-thiemann (kthiemann) - 2007-05-25 04:18

we had a similar problem with german translation of products. Our printed purchase orders showed the wrong product names for some products. The reason for that was:

When the products were created the copy function of adempiere was used to create similar products. That will create an entry in the product\_trl table for the new (copied) product with the name of the old product (copy from). After that the name of the new product was changed - but that only changes the name in the M\_Product table (what is correct - but when you are using the german gui it might be not what you expect). So everywhere in the german or english gui the name of the product is correct (derived from the M\_Product table) but when you are printing an order it prints with the wrong name from the M\_Product\_Trl table if your language is not english.

So you start with a product A, copy it -> this will create a M\_Product and M\_Product\_Trl entry both with the name A. Then you change the name of your copied product to B -> this will change the name in M\_Product table but will not touch the name of the corresponding M\_Product\_Trl entry (which is ok - because you might just correct a spelling error in the english name ...)

So the main problem here is that ADempieres core language is always english and it is hardcoded in many views/classes. So there is no way to have your standard product names in italian and only a few products with an additional english translation - you have to enter all names in english and do a translation with the translation tab...

## 2.147 Payments for salary

Functional-Financials

kaca (katjakositer) - 2007-05-25 02:53

Can somebody give me a hint how to do payment for salary. I have posted whole clearing for salary in GL. But when I got the Bank Statement, how can I close open items on salary accounts. Am I doing something wrong?

Colin Rooney (croo) - 2007-05-25 03:56

When working on compiere I got the following tip from a adaxa, a big contributor in the compiere forums. Their

website ([www.adaxa.com.au](http://www.adaxa.com.au)) includes many interesting articles which apply equally to adempiere as compiere! They basically advice creating BPs for Payroll & the Payroll income taxes then created AP Invoices with lines items as charges pointing to the GL salaries and Taxes... You then raise these iAP Invoices which are paid via the standard payments and reconciled via the Bank Statement as any other AP Invoice would be! For a detailed explanation see ... <http://www.adaxa.com.au/media/vendorpayments.pdf>

## 2.148 Initial Balances

Bazaar Open Discussion

Elvis (elvis\_h) - 2007-05-25 00:38

after some research I found manual for initial balance import in Adempiere.

Does someone have a comment or suggestion for better way for initial importing of balances? Procedure for importing is below. Also procedure could be found on following link:

<http://www.purplenet.com.my/Compiere+Opening+Balance+Procedures+Cont> but you need to login.

Create new Account Elements.

Create new Account Element for Debtor Clearing, Creditor Clearing, Bank Clearing and Inventory Clearing. All the accounts should be Balance Sheet accounts and the account numbers can be anything.

\* Create new Product.

Create Product named Opening Product in System. Setup the Product to be Sold, Purchased and Stocked. The Product can be setup to any Product Category. The Default Account for Revenue of the Product should be set to Debtor Clearing and the COGS Default Account should be set to Creditors Clearing.

\* Setup Standard Cost for Products in Product Costs Window.

Create Standard Cost record for all Products and update the Current Price field for each and every Product with the closing value of the Product.

\* Change Warehouse Default Account.

The Inventory Adjustment Default Account for all Warehouses and Locators should be changed to Inventory Clearing. Note down the Default Account before change.

\* Obtain Closing Trial Balance.

Obtain Closing Trial Balance with details for balances of Debtors, Creditors and Closing Stock amounts stated in the Trial Balance. Details should include Invoices, dates, amounts of individual Invoices and Business Partners.

\* Create new GL Journal and key-in Trial Balance.

Key-in Trial Balance amounts into respective accounts in GL Journal. However, for the Debtors, Creditors, Bank in Transfer and Closing Stock amounts, select the account to be Debtor Clearing, Creditor Clearing, Bank Clearing and Inventory Clearing respectively. The accounting entries will be as follows:

DR Debtors Clearing (TB Debtors Amount)

DR Inventory Clearing (TB Closing Stock Amount)

CR Creditors Clearing (TB Creditors Amount)

CR Bank Clearing (TB Bank In Transfer Amount)

\* Create Invoice (Customers) for individual Invoices that make up the TB Debtors Amount.

Each Invoice should be created with 1 Invoice (Customer) in the System. The Business Partner selected should be the actual Business Partner of the individual Invoices. The Accounting Date is the Opening Date and the Movement Date should be the actual Invoice Date. In the Invoice Line, the Product selected should be the Opening Product created above and multiple lines in the actual Invoice can be summarized into 1 Line. The amount should be the Total Amount of the actual Invoice.

Upon completely keying in the Invoice (Customer), the Invoice should be Completed and Posted. The account posting that occur should be as follows:

DR Debtors (Invoice Amount)

#### CR Debtors Clearing (Invoice Amount)

\* Check Debtors Clearing account balance.

Upon completely creating, completing and posting all Invoices (Customer), the Debtors Clearing Account should have a 0 balance.

\* Create Invoice (Vendor) for individual Invoices that make up the TB Creditors Amount.

The procedure is the same as for Invoice (Customer) above. The account posting should be as follows:

DR Creditor Clearing (Invoice Amount)

CR Creditor (Invoice Amount)

\* Check Creditors Clearing account balance.

\* Create Payment for individual Unpresented cheque that make up the TB Bank In Transfer Amount.

Each unpresented cheque should be created with 1 payment in the System. The Business Partner selected should be the actual Business Partner of the individual payment. The Accounting Date is the Opening Date and the Transaction Date should be the actual Payment Date. The amount should be the Total Amount of the actual Cheque Payment.

Upon completely keying in the Payment, the Payment should be Completed and Posted. The account posting that occur should be as follows:

DR Bank Clearing (Payment Amount)

CR Bank In Transfer (Payment Amount)

\* Check Bank Clearing account should have a 0 balance.

\* Create new Physical Inventory record.

Create new Physical Inventory and key-in individual inventory quantity balance of Closing Stock as per closing stock count. The type of Physical Inventory selected should be Inventory Adjustment. Be very careful on the Warehouse selected for each record.

\* Complete and Post Physical Inventory record.

Upon completely keying-in the Physical Inventory, Complete and Post the Physical Inventory. The account posting should be as follows:

DR Inventory (Standard Cost)

CR Inventory Clearing (Standard Cost)

\* Check Inventory Clearing balance.

Upon completion of all Physical Inventory postings, the Inventory Clearing balance in the System should be 0.

\* Revert Default Accounts.

Revert the Default Accounts for Inventory Adjustment for each Warehouse to the original Default Account.

\* Deactivate Opening Product.

Select the Active checkbox for Opening Product in the Product Masterdata setup to No.

\* Generate Trial Balance from the System.

Generate the Trial Balance as at the Opening Date and compare against the Closing Trial Balance obtained earlier.

\* Deactivate Debtor Clearing, Creditor Clearing, Bank Clearing and Inventory Clearing. Uncheck the Active checkbox for the above in the Account Element setup.

#### **2.149 Start Adempiere when you start the server**

Help

by: compiere (cordeirojoao) - 2007-05-24 11:37

I already installed Adempiere on a computer, my server, but that computer is used by me for tests and i need to reboot it



al the time.

What i want is that any time i start my computer the data base postgres and the adempiere start as well. the goal is not have to start manually the database and the server adempiere anytime i reboot the machine!

Until now i already made a script that start the database, and i tried to do the something to the RUN\_Server2.sh, but it's not working!

Note: i'm using the linux Suse system

moyses (moyses) - 2007-05-24 11:50

You may need to check on the following folder

/\$Adempiereinstallationpath/utls/unix

There are some samples of how to do that, you may also need to check on the opensuse wiki.

Don't trust me! but this can help you to begin with!

```
#!/bin/sh
```

```
#
```

```
# System startup script for the Adempiere daemon
```

```
#
```

```
### BEGIN INIT INFO
```

```
Provides: adempiere
```

```
# Required-Start: postgresql
```

```
# Required-Stop: postgresql
```

```
# Default-Start: 3 5
```

```
# Default-Stop: 0 1 6
```

```
# Description: Adempiere application server
```

```
### END INIT INFO
```

```
# Source SuSE config
```

```
. /etc/rc.status
```

```
ADEMPIERE_HOME=/opt/Adempiere ADEMPIERE_BIN_DIR=$ADEMPIERE_HOME/utls
```

```
ADEMPIERE_START_BIN=$ADEMPIERE_BIN_DIR/RUN_Server2.sh
```

```
ADEMPIERE_STOP_BIN=$ADEMPIERE_BIN_DIR/RUN_Server2Stop.sh
```

```
test -x $ADEMPIERE_START_BIN || exit 5
```

```
. /etc/rc.status
```

```
# First reset status of this service
```

```
rc_reset
```

```
case "$1" in
```

```
start)
```

```
echo -n "Starting Adempiere Demon"
```

```
## Start daemon with startproc(8). If this fails
```

```
## the echo return value is set appropriate.
```

```
# NOTE: startproc return 0, even if service is  
already running to match LSB spec.
```

```
cd $ADEMPIERE_BIN_DIR
```

```
$ADEMPIERE_START_BIN > $ADEMPIERE_HOME/console.log 2>&1 &
```

```
cd -
```

```
# Remember status and be verbose
```

```
rc_status -v
```

```
;;
```

```
stop)
```

```
echo -n "Shutting down demon CRON"
```

```
## Stop daemon with killproc(8) and if this fails
```

```
## set echo the echo return value.
```

```
cd $ADEMPIERE_BIN_DIR
```

```
$ADEMPIERE_STOP_BIN
```

```
cd -
```

```
# Remember status and be verbose
```

```
rc_status -v
```

```
;;
restart)
## Stop the service and regardless of whether it was
## running or not, start it again.
$0 stop
$0 start
# Remember status and be quiet
rc_status
;;
*)
echo "Uso: $0 {start|stop|restart}"
exit 1
;;
esac
rc_exit
```

### 2.150 *Flashcards*

Dev

By: William G. Heath (wght) - 2007-05-22 15:32

[http://www.adempiere.com/wiki/index.php/Flash\\_Cards\\_for\\_learning\\_how\\_to\\_develop\\_in\\_Adempiere](http://www.adempiere.com/wiki/index.php/Flash_Cards_for_learning_how_to_develop_in_Adempiere)

I am glad the cards have helped! Feel free to contribute more cards as well! I changed the wiki page. I don't know why the user changed but oh well. I believe it is possible to list the cards and just pick one of them. Check with flashcardmachine.com help.

### 2.151 *How to open/close ports in SLES10*

Help

By: Terence Ng (ngterry) - 2007-05-19 03:38

How to open and close port e.g. port 1099 in SLES10?

By: Bahman M. (bmovaqar) - 2007-05-19 03:56

There should be no problem for opening ports above 1024 as a normal user. But if any other program is already using the port this gives you its PID

\$ netstat -nlp | grep 1099 Then you can quit it or issue a

\$ kill -s 15 PID to terminate it or a

\$ kill -s 9 PID to kill it in order to free the port.

Terence Ng (ngterry) - 2007-05-19 07:48

Again, thanks for your help. I am sorry that may be I did not describe it clearly. I mean the port is free and I think I install the Adempiere server successfully, but it is blocked by the firewall; therefore, I cannot connect from a Windows client to the SLES server. How do I open and close ports from the firewall, especially using YaST?

Teo Sarca (teo\_sarca) - 2007-05-19 08:12

Try something like:

iptables -I INPUT 1 -i <your-local-lan-interface-name> -p tcp -m tcp --dport 1099 -j ACCEPT

for more info, try:

man iptables

PS: sorry i don't know YaST

### 2.152 *Inventory Transaction Effect what table*

Bazaar Open Discussion

kstan (kstan\_79) - 2007-05-14 21:16

During implementation of this system in my company production I found that the standard inventory transaction not able to keep track all kind of movement. So I decided to customize the inventory movement potion with store procedure(I will use another button rather than the standard 'complete' button). However to avoid I mess up something I need to double confirm with you what table will effect for following process?

example like:

Inventory Move

M\_movement, m\_movementline, m\_transaction, ad\_sequence, M\_storage

what else?

physical inventory, production

M\_inventory, m\_inventoryline, m\_transaction, ad\_sequence, M\_storage

what else?

shipment/material receipt

M\_inout, m\_inoutline, m\_transaction, ad\_sequence, M\_storage, C\_orderline

what else?

Carlos Ruiz (globalqssSourceForge.net SubscriberProject Admin) - 2007-05-14 21:44

I can't say exactly the affected tables at this time, but sure you can look the prepareIt and completeIt methods on MInventory and MInOut (I suppose you already did it).

I would recommend you to customize complete methods on those tables via ModelValidator. You can see a GardenWorld sample in MyValidator.java

### 2.153 *warehouses under*

Bazaar

I have a no. of warehouses under "\*" organization, i think they all will come under my all organization but they are not. If this is not possible then can i assign my warehouses under "\*" to other organization, if yes then how?.

Redhuan D. Oon (red1Project Admin) - 2007-05-09 06:24

I wonder if this is an old bug i used to see 3 years ago, where i SQL directly into the DB to amend it to what Manoj above says he needs.

If u can trace at the DB level with a DB editor u can try to peer to see if your locators records' org ids are really = "\*".

Joel Stangeland (jssolutions) - 2007-05-09 08:27

Note the behavior questioned here: [https://sourceforge.net/forum/message.php?msg\\_id=4194298](https://sourceforge.net/forum/message.php?msg_id=4194298)

Maybe the workaround can help you. And perhaps we can get enough critical mass to have the pop-up removed?

Michael Judd (mjudd) - 2007-05-10 04:00

I think there is an accounting consequence here.

Orgs can be used for legal entities or departments/profit centres/cost centres. Where the org = legal entity, then moving inventory between orgs means inventory move from one legal entity to another. This has transfer pricing and tax consequences (most tax authorities require an arms length pricing between the two entities) .

However, if this is not between legal entities, then I don't see an issue.

i.e. Inventory is stored in warehouses and warehouses belong to organisations. If the org is a legal entity, then changing the warehouse changes the legal entity.

Where orgs are 'balanced' in the accounting schema, Adempiere will generate 'quad' entries. Perhaps we need to look at the scenario of orgs as legal entities and orgs and organisational constructs such as divisions/profict centres etc. I'll add it to my accounting discussions at the conference.

Joel Stangeland (jssolutions) - 2007-05-10 07:02

Speaking to the original issue, it seems like those are configuration decisions: whether to 'balance' the orgs, and whether to have shared warehouses. Since those two are 'incompatible', maybe the error message is appropriate if orgs are balanced? (Although modal pop-ups are extremely annoying when you're trying to work, it seems like that actually would be an error)

On the issue of separating legal/financial/tax entities from departments/cost centers, I'm looking forward to that info.

Michael Judd (mjudd) - 2007-05-10 14:13

I hope we can get everyones input at the conference and see if we can simplify and improve this. My first post on consolidation issues was four years ago and there has been no improvement since then (except maybe for the recent financial balance features which I haven't had a look at yet) . It's probably high time to spec this out fully and make some positive steps forward

Manoj (manoj\_goyal) - 2007-05-09 23:42

i have checked my database, for my warehouse and locators the Ad\_Org\_Id is 0 and AD\_Org is "\*" for Ad\_Org\_Id = 0

### **2.154 Making advance payments against PO**

Fin

By: Manoj (manoj\_goyal) - 2007-04-24 06:08

I m trying to made advance payments against Purchase orders. But when i try to select order from Payment window it doesn't show any PO. It only works for sales order.

How i can make the advance payments?

gaurav (gaurav\_bhatia) - 2007-05-11 04:36 wrote:

Well, advance payments can only be made against those order whose Document Status is 'WP' ie Waiting Payment and Doc type is SO...It means that advance payments can only be made against Sales Order not Purchase Order.

But if u want PO to be appeared in payment window, remove/customize the validation code as per your requirement. Log in to Compiere with System Administrator role and open 'Table and Column' window. Select column c\_order\_id of c\_payment table. Zoom its Dynamic validation and change it accordingly.

### **2.155 AD\_Issue**

By: Ricardo (ralexsander) - 2007-05-08 10:51

Hi All,

My AD\_ISSUE table is getting bigger and bigger...its at about 55,000 rows.

What, if any, consequences are there if I were to delete rows from the table? I'm not sure, How tightly integrated this table is within Compiere.

karsten-thiemann wrote:

as far as I know there is no integration - you can watch the issues and it is ment to be used as a reference for support. So I would say you can delete them without any problems.

### **2.156 The cost of product**

Compiere

In compiere 2.5.2e the cost of product which was be purchased can calculate by the system.Then how to calculate the cost of our manufactures which never purchased?

eruibal wrote:

You have to set up that cost yourself e.g. as Standard Cost of product.

Bone84 wrote:

Thanks ruibal, but it seems that wasn't running.

I have tried by the steps below:

1. Create a new Product category as "a" and set the Costing Method as "Standard Costing" in the Accounting table.
2. Entering a new product "a-1" which belong "a" in the Product window. Set its Limit Price \$8 in the Price List Version named "price list a".
3. Open the window Product Costs and select product "a". Entering "Current Cost Price" \$8 and field Cost Element choose "Standard Costing". Save Change.
4. Use the Physical Inventory window I change the product "a-1" Qty to 500. If I do the Physical Inventory about a product Purchased that I can see the Account debit and Credit when Posted accounting. But the num of debit or credit about product "a" is always showed 0.

The same case in the window Shipment. If I sold the product "a-1" that will not any change about the accounting which this product used.

Please give me some advices. Thanks!

eruibal wrote:

I don't seem to get this right.. How are you 'manufacturing' this product in Compiere... are you running the production window?, also did you get a bill of materials for the manufactured item? How many components does your manufactured item has?

Let me know so I can think of something further.

Bone84 wrote:

There are two sorts of my product. One is "materials" and another is "manufactured goods".

For example, the bill of manufactured goods A include two materials B and C.  $1A = 0.8B + 0.5C$ . B and C use Standing costs and their price in list are  $B = \$10$  and  $C = \$15$ . I purchased 800 B and 500 C with their list price.

Then I can see the cost of B and C in the window Product Costs.

manufacturing 10 A in the Production window. Posted accounting.

Debit: Asset of A \$250

Credit: Asset of B \$100 Asset C \$150

But the cost of A in the product costs window is still 0. Is there any way to solve it?

eruibal wrote:

I think that 'cost rollover' from BOM is not a supported feature yet, so you can either update these costs manually (which I understand is quite bothersome), or else create your own 'update standard costs from manufactured goods' procedure. Alternative you can use the not stocked feature from Product window, this allows to create the manufactured product on the fly I think that this will update costs correctly, it is some kind of 'backflush' functionality..

## 2.157 *Input Initial Inventory?*

Compiere

By: Dwix (dwiraka) - 2007-04-22 21:33

How to input initial inventory stock? I was input product list or how import that?

eruibal wrote:

There are several approaches as to how is this inventory imported into Compiere.. are you interested in keeping precise track of the accounting beneath it, or you just want to have your warehouse quantities available for further processing??..

Dwix (dwiraka) wrote:

I just want to have warehouse quantities for further transactions, how to import the stock?

bjay1407 wrote:

If the number of product that you have is not much, I think you can use the window Internal Use Inventory to bring in your stock. the quantity you have to key in negative value in order to increase stock in the inventory.

eruibal wrote:

Or else you can do with the Import Inventory window too, however be aware that these procedures will impact your company's accounting facts, something like 'inventory gains' will be shown in your balance sheet.

A more desirable way is to enter all your inventory as one or several vendor invoices, then issue one or more material receipts from that, this will in turn create initial inventory cost accounting, you can get rid of the fake initial inventory vendor balance later.

n2roo wrote:

Hope this helps [https://sourceforge.net/forum/forum.php?thread\\_id=1720890&forum\\_id=128080](https://sourceforge.net/forum/forum.php?thread_id=1720890&forum_id=128080)

Refer here for the detailed procedure:

<http://www.purplenet.com.my/Compiere+Opening+Balance+Procedures>

### **2.158 How to import product cost?**

Compiere

By: Dwix (dwiraka) - 2007-05-04 20:16

I was input product with product category, and I already create the cost schema. Can anybody help me to import product cost? there is so many product and need more time to input cost one by one. Please give me another solution to import product cost. thanks

eruibal wrote:

Best solution is to import one or several Opening Balances \*fake\* vendor invoice(s), then create material receipts from these, that will create the required product costs for you, then you can get rid from these fake invoice balances later on.

### **2.159 Outlook and Compiere Contacts**

Compiere

By: Dwix (dwiraka) - 2007-05-07 01:50

Is it possible to Synchronize Outlook 2003 contacts to Compiere business partners? or how we can import contacts from outlook to compiere or compiere to outlook, how we can update like synchronize?

ADAXA (adaxaSourceForge.net Subscriber) wrote:

<http://www.snapfiles.com/get/outlookconnect.html>

has been used for this.

### **2.160 report footer**

Bazaar Open Discussion

Bepi Esposito Vingiano (bepivin) - 2007-05-08 05:12

Hi all,

I've a problem with footer in order printing.

I see it in preview, but when i print, the footer is not printed.

Colin Rooney (croo) wrote- 2007-05-08 05:33

This is an old quirk ...

On the Print Format header (i.e. the main tab) you define the height of the footer... by default and in gardenworld this is always ZERO (0). Increase it and the footer should appear. Why it appears on the preview I don't know!? This is the quirk I refer to!

### **2.161 Buidling Server Folder Alone**

Developers

we are trying to make a custom Doc\_xxx.java. Every time there is a mistake in it, we modify it and then rebuild the whole Project. Then we do Run\_Setup. This takes time.

Is there any way we can just change the Doc\_xxx.java, build the Server Folder alone and then add / replace (the jar) it to the previously-built-but-unmodified pack ?

ie., we want to avoid building the whole project and running setup every time we make a modification to the Doc\_xxx. We would prefer only to replace the jar (or some thing like that) if possible.

Heng Sin (hengsin) wrote- 2007-05-07 23:24

Yes, it is possible, run the 'update-serverRoot' ant target. This will generate a new copy of the 'adempiereRoot.jar'.

Carlos Ruiz wrote

Also you can make the trick generating customization.jar from org/compiere/acct/Doc\_XXX.class

I made this with the following commands:

```
cd c:\srcAdempiere\trunk\bin -- this is the folder where eclipse compiles
```

```
jar cvf customization.jar org/compiere/acct/Doc_XXX.class
```

then I stop the jboss server, copy the customization.jar, run\_setup and start

THIS IS FOR TESTING PURPOSES, NOT RECOMMENDED FOR PRODUCTION SITES.

sam wrote:

We ran AntBuild on the build.xml under serverRoot Folder in Eclipse. It gives the message 'class Mxxx (related to Doc\_XXX) under 'can not find symbol'.

Perhaps we have not understood your point correctly. If you elaborate it a bit, will be helpful.

Heng Sin wrote

no, run the 'update-serverRoot' target of the build.xml file inside the utils\_dev folder.

sam wrote

Tried.. How do we do that exactly from within eclipse..

We don't find The build.xml in utils\_dev has a target 'update-serverRoot'. it has 'RunUpdateWin' etc

This is the first time we are trying to explore with build files. so pls be patient with us.

Heng Sin wrote:

mine have, trunk have,

[http://adempiere.svn.sourceforge.net/viewvc/adempiere/trunk/utils\\_dev/build.xml?revision=1906&view=markup](http://adempiere.svn.sourceforge.net/viewvc/adempiere/trunk/utils_dev/build.xml?revision=1906&view=markup)  
Line 67.

Maybe you are using an older revision ?

sam wrote:

Got the new one.. But still from eclipse we get the message 'class Mxxx (related to Doc\_XXX) under 'can not find symbol'.

Guess, it's time for us to read & learn a bit about ant & build files and then try this again.

hanks for the msg carlos.

It's not the code, but it's the support of you guys that makes sticking to Adempiere worthwhile.

## **2.162 Make record read only after complete**

Developers

By: sami23 (sami23) - 2007-05-08 05:32

I have implemented a new window with document action button, but when the document is completed and closed the record is still updatable. my question is how to make it read only when docstatus is closed or completed like what happens in other standard documents (orders ect) so as it could not be modified after it is processed. I tried to do it with callout approach but i think it is not an elegant appraoch. Any idea ?

Teo Sarca wrote:

basically at the end of completeIt() method you should have something like:

```
public String completeIt() { ....
```



```
m_processMsg = info.toString().trim();
setProcessed(true); // <--- this makes the record readonly!!! setDocAction(DOCACTION_Close);
return DocAction.STATUS_Completed;
}
```

I suppose your model class is implementing DocAction interface.

By: sami23 wrote:

I have thes lines !

```
>>setProcessed(true); // <--- this makes the record readonly!!!
in my case it does not do that
```

My model class is implementing DocAction interface and the complete button the job. just remains the read only issue !!

What is used for the yes-no Processing field ? I also set it to true with no effect.

Carlos Ruiz wrote:

Do you have columns marked as "Always updateable" ??

They don't take account of processed flag.

sami23 wrote:

The columns are set to "updateable"

Should have I a beforeSave afterSave method in my model class fo that to work ?

I tried the setUpdateable(false)from extended from the PO.java, this method is supposed to make all fields read only but in my case it has no effect. any idea ?

Perhapas it could submitted as fix bug request.

Abstract : new window based on new table with model class extending the table generated class and implementing docation interface. the complete function and the report work fine the document statuts become closed, the processed flag is set to processed just the fields remain updateable. the fields are set to "updateable" not to "always updateable"

Carlos Ruiz wrote:

Is the processed field defined on the tab?

sami23 (sami23) - 2007-05-11 04:22

Thanks Carlos you got it !!! it is that ! i have set it in the database table and in the code but not on the tab.

### 2.163 Document Factory

Developers

By: Heng Sin (hengsin) - 2007-05-07 04:03

Currently, the creation of document for posting is hard coded in the Doc.get(MAcctSchema[] ass, int AD\_Table\_ID, ResultSet rs, String trxName) static method. Adding a new document that require posting will need modification to the Doc class which is a bad thing. I would like to propose the followings options to eliminate this limitation:

\* Option 1

Add a document factory interface

```
DocFactory {
public Doc get(MAcctSchema[] ass, int AD_Table_ID, ResultSet rs, String trxName)
}
```

Add a AD\_DocFactory table to store the list of active document factory, modify the Doc.get method to lookup the DocFactory from this table and delegate the creation of Doc instance to it.

\* Option 2

Add a AD\_DocMapping table which store the mapping of Table ID to the correponding Doc class.

For e.g, MInvoice.Table\_ID, 'org.compiere.acct.Doc\_Invoice' . Modify the Doc.get method to lookup the appropriate Doc class name for instantiation from this table.  
Thoughts ?

Carlos Ruiz wrote:

Hi Heng Sin, very good proposal.

Accounting is one of the most inflexible part of Adempiere (it doesn't look like JJ design).

Your proposal sounds good, without enough thinking about implications the second sounds better for me.

I'm also wondering how could we translate all those hardcoded rules on Doc\_XXX.java out of code (Rule Engine?)

At least initially a BEFORE/AFTER POST model validator could help us, I'm working on this.

Georgi Angelov wrote:

Hi Heng Sin and ADempiere community,

I'm using modified class org.compiere.acct.Doc for runtime loading of additional Doc\_xxxx classes that are packaged as Eclipse plugins. In general, the idea can be illustrated by the source fragment that follows. If somebody is interested of the concept I'll prepare and publish an ADempiere patch and readme.

```
/** Addition to the static definitions */
public static final AcctDocDescriptor[] documentsTableDescriptors;
private static String getTableName(int AD_Table_ID)
{
    for (int i = 0; i < documentsTableID.length; i++) {
        if (documentsTableID[i] == AD_Table_ID)
        {
            return documentsTableName[i];
        }
    }
    for (int i = 0; i < documentsTableDescriptors.length; i++) {
        if (documentsTableDescriptors[i].getAD_Table_ID() == AD_Table_ID)
            return documentsTableDescriptors[i].getTableName();
    }
    return null;
}

private static Doc getDoc(int AD_Table_ID, MAcctSchema[] ass, ResultSet rs, String trxName) throws Exception {
    AcctDocDescriptor dtd = null;
    for (int i = 0; i < documentsTableDescriptors.length; i++) {
        if (documentsTableDescriptors[i].getAD_Table_ID() == AD_Table_ID) {
            dtd = documentsTableDescriptors[i];
            break;
        }
    }

    if (dtd == null)
        return null;
    Class cl = dtd.getTableClass();
    Constructor cnstr = cl.getConstructor(new Class[] { ass.getClass(), ResultSet.class, String.class });
    return (Doc)cnstr.newInstance(new Object[] { ass, rs, trxName });
}

/**
 */
static {
    ArrayList<AcctDocDescriptor> docTableDescr = new ArrayList<AcctDocDescriptor>(); Object[] ext =
    PluginManager.getExtensions(PluginManager.ACCT_MODULES, AcctDocDescrArray.class);
    for (int i = 0; i < ext.length; i++) {
        AcctDocDescrArray dda = (AcctDocDescrArray)ext[i];
        for (int j = 0; j < dda.size(); j++) {
            System.out.println("Adding accounting document: "+dda.get(j).getTableName()); docTableDescr.add(dda.get(j));
        }
    }
}
```

```
}  
documentsTableDescriptors = new AcctDocDescriptor[docTableDescr.size()];  
docTableDescr.toArray(documentsTableDescriptors);  
}
```

#### **2.164 MayDay Patch for Accounts Posting Error**

Help

By: Redhuan D. Oon (red1) - 2007-05-05 18:20

Here is the first patch for the MayDay Edition. Follow the instructions in

[http://www.adempiere.com/wiki/index.php/Patches\\_Installation](http://www.adempiere.com/wiki/index.php/Patches_Installation)

From now on, this is the way Releases are maintained. Patches are given for bug or code fixes to the main source to be dropped into the user environment, instead of sub-versioning. Always use the latest patch, which contains all accumulated code fixes to date for the release.

If we want to make a brand new installation of Adempiere 3.2, is it enough to replace the \$ADEMPIERE\_HOME/lib/patches.jar file before starting the installation?

Yes, it's enough: You just need to replace patches.jar with the downloaded patches\_[version]\_[date].jar BEFORE running the RUN\_setup.[bat/sh]

#### **2.165 Some Enhancements To Vote For**

Projects

karsten-thiemann (kthiemann) - 2007-05-02 05:42

I did tree enhancements that might be usefull for others too:

1. Store Archive In File System:

[https://sourceforge.net/tracker/index.php?func=detail&aid=1677797&group\\_id=176962&atid=879335](https://sourceforge.net/tracker/index.php?func=detail&aid=1677797&group_id=176962&atid=879335)

The twin of Store Attachments in file system...

2. Resort Lines By Pressing Shift+Up/Down:

[https://sourceforge.net/tracker/index.php?func=detail&aid=1672362&group\\_id=176962&atid=879335](https://sourceforge.net/tracker/index.php?func=detail&aid=1672362&group_id=176962&atid=879335)

3. Johannes (DeatMeat) had the idea and the source (geodata.org)... Add geodata to ADempiere. I did a table and the import process to fill it with data from geonames.org (<http://download.geonames.org/export/dump/>). They could be used for things like - autofill the city name for entered zip code (or the other way round) - generate a google map with all your customers - use it for reporting ...

first one (line sort) is online for testing:

[http://sourceforge.net/tracker/index.php?func=detail&aid=1672362&group\\_id=176962&atid=879335](http://sourceforge.net/tracker/index.php?func=detail&aid=1672362&group_id=176962&atid=879335)

Just apply the two patches (GridTab and APanel) and have fun :)

Go to an order with some orderlines, switch to grid view and select one line. Now you can resort it by pressing shift+key up/down or shift + icon up/down with the mouse. Please try it with sorted tables also.

#### **2.166 Where are the log files?**

Dev

When adempiere is deployed in the client by java webstart, where to find the log files in the client side?

moyses wrote:

You need to open your javawebstart preferences.

In Windows you need to double click on the javaws.exe file of your java installation.

In linux you may need to run something like this:  
`/opt/jre/javaws/javaws`

Select the option menu edit, preferences,  
Go to the advanced tab  
Select show java console.

That's it! When you run Adempiere, an small window will show you the log.

### 2.167 *Delete Client (Entity)*

Help

I would like to completely delete a test client that I created. I know I can simply disable them, but I would rather remove it entirely. Due to audit reasons I cannot do this out-of-the box, of course. Is there still any way to do it?

Teo Sarca wrote:

See

[http://adempiere.svn.sourceforge.net/viewvc/\\*checkout\\*/adempiere/contributions/stuff/DeleteAdempiereClient.SQL](http://adempiere.svn.sourceforge.net/viewvc/*checkout*/adempiere/contributions/stuff/DeleteAdempiereClient.SQL)

Meine Anmerkung: alle Beiträge können unter <http://adempiere.svn.sourceforge.net> gesehen werden. Es sind nicht viele.

### 2.168 *How to enable all constraints?*

Developers

By: Sergey Vishniakov (sergeyv) - 2007-05-06 13:04

After using DeleteAdempiereClient script, i have problem with schema constraints. How I can enable all constraints?

Carlos Ruiz wrote:

Hi Sergey, please download the latest version of DeleteAdempiereClient script. I fixed that issue some days ago.

Sergey Vishniakov wrote:

I have errors with this version of script

Error report:

ORA-02298: cannot validate (WMT.ADWORKFLOW\_WORKFLOWACCESS) - parent keys not found

ORA-06512: at line 115

02298. 00000 - "cannot validate (%s.%s) - parent keys not found"

\*Cause: an alter table validating constraint failed because the table has child records.

\*Action: Obvious

Carlos Ruiz wrote:

It's not a script problem, is your data problem :-)

You have two options:

1 - Solve your data problems, i.e. in this case you can take a look and delete (or fix) the offending records:

```
SELECT * FROM AD_WorkFlow_Access
```

```
WHERE AD_Workflow_ID NOT IN (SELECT AD_Workflow_ID FROM AD_Workflow)
```

 You can expect more referential errors.

2 - (not recommended but quicker)

activate the novalidate option in script:

```
<-- snippet -->
```

```
-- novalidate will make the process faster but the constraints won't be validated
```

```
v_novalidate VARCHAR2 (10) :=
```

```
''; -- slower but sure
```

```
-- v_novalidate VARCHAR2(10) := 'novalidate'; -- faster but unsure
```

```
<-- end of snippet -->
```

just comment the first v\_novalidate and uncomment the second.

If you use this option foreign keys will be enforced for all new records, but not validated for existing records.

### 2.169 Oracle XE Connection error

Developers

The error below appear when 2 clients connect on database, I found a 'solution' for this error, just run the oracle script below. OK now I can open 25 clients before the error appear again. If I change this script like processes=300, the result is same, only 25 client can connect to database without ORA-12516 error.

\*\*\* Oracle Parameters:

```
alter system set processes=150 scope=spfile;  
alter system reset sessions scope=spfile sid='*';
```

=====> DB\_Oracle.getCachedConnection: 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:

(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(PORT=1521)(HOST=SERVER))(CONNECT\_DATA=(SERVICE\_NAME=x)))

21:17:06.015 DB\_Oracle.getCachedConnection: DB\_Oracle[jdbc:oracle:thin:@//SERVER:1521/x-CompiereDS,ImplCache=true,MaxStmts=50]

=====> CConnection.getConnection: jdbc:oracle:thin:@//SERVER:1521/x, (1)

AutoCommit=true,TrxIso=READ\_COMMITTED - 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:

(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(PORT=1521)(HOST=SERVER))(CONNECT\_DATA=(SERVICE\_NAME=x)))

Heng Sin wrote:

You can either increase further the processes parameter or try the wan connection profile.

freebyte wrote:

I have the same problem.

I trayed to increase the value of the processes parameter in the database with this sql script :

```
alter system set processes=150 scope=spfile;
```

but i got this message error : ORA-02095: specified initialization parameter cannot be modified

Teo Sarca wrote:

You have to be sysdba and you need to restart oracle after modifying. Try:

```
C:\> sqlplus / as sysdba
```

```
SQL> ALTER SYSTEM SET processes=150 SCOPE=SPFILE;
```

```
SQL> ALTER SYSTEM RESET sessions SCOPE=SPFILE SID='*';
```

```
SQL> shutdown immediate
```

```
SQL> startup
```

### 2.170 To add a field to the 'normal' search tab

Developers

To add a field to the 'normal' search tab (not the advanced search) you have to set the 'Selection Colum' flag for the column in the 'Table and Column' window.

Don't be surprised if the tab already shows some of your (customized) columns - in Find.java it is hardcoded to add all columns with "Name" somewhere in it's name. That took me some time to find out :) Karsten

## 2.171 Does anyone has idea how to book employee expenses in advance?

Bazaar

E.g. before employee will go to business travel he will take 1000 EUR in cash from cash book (how to book that transaction in Adempiere?). After he/she will be back he need to make expense report and provide receipts (e.g. for hotel, taxi, etc). Receipts will be booked in one amount like employee business travel expenses and eventually difference need to be booked in cash book. So if amount of receipts is 800 EUR employee will give back to cash book 200 EUR. Both amounts (800 and 200 EUR's) need to be booked.

carlos lameiro wrote:

I don't know Adempiere in detail, at a functional level, but your question appears to me as an accounting "entry" request. You may want to setup a Journal type to indicate the "Expense Advance" to book:

Debit. Accounts Receivable 1000 euros (you may need to setup the employee as a client, to track the Receivable?)

Credit. Cash 1000 Euros

then using an "Expense Report" Journal type, to book:

Debit. expenses 800 euros (in details, with the appropriate analysis of busines unit, project, etc) Credit. Accounts Receivable 800 Euros (again, indicating the employee ID as a client, let's say)

As a result the ending balance in the A/R account is 200 Debit, which means the employee owes you that money that he didn't use up.

When he pays it: "Expense Advance Return" journal type: book: Debit. Cash 200 Euros

Credit. A/R 200 euros (again, indicating the employee as a client, etc)

Hope this helps

Elvis wrote:

you correctly understand the question. From accounting side you are write. But from functional Adempiere side I am not sure is there better way to book these transaction (through cash book, expense report or some other option). We would like to have option in cash book to issue money to employee so we will be able to print receipt.

Mike Jude wrote:

I agree with Carlos' analysis.

I would raise a payment (cheque, bank transfer) depending on the method of advance to the employee. When the employee returns, book the expenses (the adempiere way is clunky and in time there should be a simpler web interface to this). If you receive cash back you can receipt it against the original advance. The expenses 'credit' needs to go against the advance (or perhaps a journal to clear it down).

If you have multiple employees doing this, you might think about running multiple cash books (for each currency advanced) or having a 'float' and replenish it periodically.

Teo Sarca wrote:

I want to add more details about what Elvis said, because this issue sounds familiar. The problem is a little bit more complex.

Here is a test case:

1. the employee goes to a trip and i give him 1000 euro from cash.
2. the customer comes back and it gives me 100 euro and a batch of invoices for the rest of the money (900 euro). I need to book the 100 euro as cash receipt, i need to enter the vendor invoices and i need to mark them as paid from \*that\* 1000 euro that i gave to him.

When you have a lot of employee in this situation so tracking system is mandatory, because you need to know exactly the amount of money you gave to each of your employee and when.

Carlos Ruiz wrote:

Our approach to this situation was to create a petty cash for every employee traveling.

Ricardo (ralexsander) wrote:

In my company:

1. the employee goes to a trip and i give him 1000 euro from cash.  
>> Create payment directly to employee (without Order or Invoice).

2. the customer comes back and it gives me 100 euro and a batch of invoices for the rest of the money (900 euro)  
>> Create a payment with negative value (-100 euro) and one or more invoices that represent 900 euro.

3. Go to Payment Allocation and select 2 payments (open amount is 900 euro) an then select the invoice(s).  
You can use the UnAllocated Payments to know the open amount of each employee.

albert (albertachen) wrote:

Our Employee Travel expense have advance payment over 100 person-times per month Request is follow with travle request document.....(like purchase request)

Then we depend on travle request auto-gen payment ...

And after travel then we use Invoice to write-off advance payment... it very easy to control,cbut must add Accounting Kernel for this ... we did

### **2.172 Path when searching something**

Help

Normally my path when searching something normally is (order can be different depending on the info searched):

- adempiere forums
- adempiere trackers
- compiere forums
- compiere trackers
- source code
- wiki
- paid compiere manual (if accessible)
- paid flash training (if accessible)

### **2.173 entering product availability**

Help

I have made product and I can't enter product availability [product stock]. Where can I enter product availability ?

karsten-thiemann wrote:

simple way: do a physical inventory (but from accounting point of view this is like you have found the items...)

second way: add a vendor to the product, (do a purchase order for that product/vendor - not necessary), do a material receipt

### **2.174 TODO in Create PO from Requisition**

ERP

Description for Current vendor field: Use this Vendor for pricing and stock replenishment.

Create PO from Requisition process doesn't verify List Price field from M\_Product\_PO for Current Vendor.

If List Price (from M\_Product\_PO) < List Price (from M\_ProductPrice) the process should be update the Actual Price from Purchase Order with List Price (from M\_Product\_PO).

### **2.175 Server-side Debugging**

Dev



Would anyone please help me find the way to debug the ADempiere server-side code (like document posting)? There's a document on red1.org ( <http://red1.org/compiere/RemoteDebug.zip> ) but looks like it's a bit outdated.

Trifon wrote---->

Debugging remote Java machine is the same. So this document should help you.

You just need to:

- 1) Enable remote debug on jboss server.
- 2) In Eclipse start "Remote Debug Adempiere" with debug icon.

If in your Eclipse IDE you have multiple projects then by default there must be Adempiere launch task in Eclipse menu.

Menu "Run" -> "Run..." -> "Java Application".

I just committed Remote Debug Adempiere.launch in serverRoot project. Please update your SVN repository and you should get new menu item under Debug menu.

Bahman wrote---->

By the way, I added the following two lines to jboss/run.sh in order to enable JBoss remote debugging feature:

```
JAVA_OPTS="$JAVA_OPTS -Xms128m -Xmx128m -Dsun.rmi.dgc.client.gcInterval=3600000 -
```

```
Dsun.rmi.dgc.server.gcInterval=3600000" JAVA_OPTS="-Xdebug -
```

```
Xrunjdpw:transport=dt_socket,address=8000,server=y,suspend=y $JAVA_OPTS"
```

Trifon wrote---->

Why do you say that you added? In Adempiere\jboss\bin\run.bat you can find below lines:

- rem Setup JBoss specific properties
- set JAVA\_OPTS=%JAVA\_OPTS% -Dprogram.name=%PROGNAME%
- set JBOSS\_HOME=%DIRNAME%\..
- rem Sun JVM memory allocation pool parameters. Modify as appropriate.
- set JAVA\_OPTS=%JAVA\_OPTS% -Xms128m -Xmx512m
- rem JPDA options. Uncomment and modify as appropriate to enable remote debugging.
- rem set JAVA\_OPTS=-classic -Xdebug -Xnoagent -Djava.compiler=NONE -
- Xrunjdpw:transport=dt\_socket,address=8787,server=y,suspend=y %JAVA\_OPTS%
- You just need to uncomment them

## 2.176 3.2 Bugs

Bazaar

3.2 is all about stability. Obviously we cannot fix all bugs in any application so the approach we decided on for the 3.2 release was ... we will release when all critical bugs in core functionality are resolved. A critical bug is one of Priority

9. The bug reports are (from memory) assigned priority based on ...

- 9 => Error in \*core\* functionality where no work around exists.
- 7 => security, performance issue
- 5 => no yet evaluated (default for all new bugs)
- 3 => Error with an existing work around
- 1 => Presentation (GUI or Print)

Core functionality is not precisely defined but is generally considered to be Sales, Purchasing, Inventory & Finance. If it's considered core the Bug is assigned the Group "Core"

## 2.177 Loan from shareholders treatment

Fin

I'm implementing Adempiere to an IT Co and I'm new to it. Learning as I go along. Just want to confirm a treatment: How to treat a loan from shareholders?

I'm considering 2 ways:

First i added an accounting element named 'Shareholders loan' with account type as 'liability'

1. Create a product named loan and change the accounting of the 'product revenue' and put it as a 'Shareholders loan' liability" instead of 'trade revenue' which is the default. I suppose need to change the 'product expense' as well and put it as 'asset' in opposition of liability, right?

create an AR invoice in which the product loan is put  
Create a AP Payment to account for the receipt of 'cash'.

OR

2. Create an AP Payment and under Business partner put the amount as a 'Charge' where the accounting 'Charge revenue' is changed to the account element ' Shareholders loan' liability.

Im not sure the correct accounting entries are affected by the treatment above. The Shareholder's fund need to be affected , with the company owing the shareholders etc..

Colin Rooney wrote:

The new ShareHolder Loan account you propose represents the amount owing to the shareholder, so I don't think you need create the AP documents too. Would that not mean you owe them twice! If you have multiple shareholder loans and need to track them then create one with each shareholder.

Then I would create a charge(s) pointing to the newly created Account(s).

Assuming the shareholder gives you a cheque, then when it appears on your bank statement create a line on the Bank Statement document using the Charge Amount field and selected the "charge" created above (the charge will only be appear and be selectable when you enter a value for the Charge Amount field!)

When you pay them back create a line on Bank Statement and enter a negative value pointing to the charge. I haven't done it yet but this was how I was intending to... does that make sense??

Victor Perez wrote:

I had this issue, but I solve this way:

- 1.- First apply this fix  
[http://sourceforge.net/tracker/index.php?func=detail&aid=1700248&group\\_id=176962&atid=879332](http://sourceforge.net/tracker/index.php?func=detail&aid=1700248&group_id=176962&atid=879332)
- 2.- Create the business partner with are data of shareholder, employed or vendor
- 3.- in Account Vendor set Prepayment account
- 4.- Open Item -> Payment entry you prepayment and set the flag prepayment in yes.
- 5.- you can review the accounting , and you should to have some similar to this:
- Debit Vendor Prepayment
- Credit Bank Transit
- 6. if you need apply the prepayment to a Liabilities invoice use allocation payment

## 2.178 Cost of Goods Sold (CoGs)

Fin

Has any one used the following method for CoGs ? :  $\text{CoGs} = \text{Opening Stock} + \text{Purchases} - \text{Closing Stock}$ . Any clues on how this can be setup in ADempiere ?

Colin Rooney (croo) wrote:

Yes that is indeed the "classical" approach to calculating CoGS. To my "non-professional" accounting knowledge there are two basic approaches to this calculation; Period & Perpetual. The example you give is of a Periodic and the Adempiere's way is Perpetual. These are two fundamental different approaches to accounting.

The periodic approach predates computers and is indeed very common, especially in applications aimed at smaller businesses. The perpetual approach was only really possible since the advent of computers and I think this approach is perhaps more common in those systems aimed the larger enterprises. I think the perpetual approach lends more control & flexibility, and also I imagine in a more complex environment with multiple warehouses and manufacturing facilities in multiple locations it might be easier to manage.

Can you make Adempiere produce the results of Periodic system? Probably but it's a fundamentally different approach. Both are legitimate so why bother changing? Or is the perpetual approach not valid in all countries?

sam wrote:

Good to have your response.

Well, once we have a situation, wherein the sold item is not the bought item, for eg even in the simple forms of manufacturing, then how do use the CoGs posting made by Doc\_Inout during shipment, as Cost of Goods Sold ? (we Guess, adding process related expenses such as direct manpower can be done with 'charges' in AD ) And ADempiere does not make a "Purchase" Account posting. It makes an entry in Product Inventory Clearing and then just reverses it. ie., at the end of a purchase transaction , we have a Dr entry in Asset & Cr Entry in Acct Payables. but nothing in a 'Purchase' account.

Colin Rooney (croo) wrote:

Well if you don't buy them, you produce them and to capture the costs of produced Items you would create a "Production". I haven't use the production functionalites myself, but I assume (never a good thing I guess) the this process will update the product costs. But having not used it I think it would be better if someone who actually uses the production functionality could advise you... but I would be very confident that the costs are taken on board to update the Product Costs. It is the product costing method chosen in the accounting schema that will determine the CoGS value when goods are shipped to a customer. Of course if you are considering implementing in an manufacturing environment (and are not implementing immediately) you should checkout the Libero subproject which offers much more advanced manufacturing functionalities.

No Purchase account:

Yes this one of the difference between the two approaches I mentioned.

After the Receipt & AP Invoice are posted (and matched) teh net result is the stock value on the balance sheet is increased (product assets) and the Accounts Payable are increased to indicated the increase in of current liability. Check this <http://www.accountingcoach.com/online-accounting-course/12Xpg02.html> for a discription of the two methods I mentioned previously.

Victor Pérez Juárez (vpj-cdProject Admin) - 2007-04-13 11:53

in subproject to Libero I will think use Standard Cost to register of CoGs, but the standard cost to the Finnish good product is calculate use as based the BOM and Workflow manufacturing (Roll-up Workflow Manufacturing & Roll-up of BOM), this is working now , but I need create the account rule to posting the variations.

- Method Variance
- Use Variance
- Rate Variance
- etc

I agree with Colin, you request is very common when you have not an ERP and only you have a basic Account System, but if you need this approach then you can use Performace Analysis -> Financial Report. you can create the row and column and get the CoGs as you need.

By: sam (sam24368) - 2007-04-13 17:46

To be specific, then when we want to consider the total amount of material used in a particular period, (as a component of CoGs), do we use "Total Period Credit only"? ie.,

1) Setup separate A/c elements for Raw Materials Product Asset, Finished Goods Product Asset etc

2) Use 'Production' feature in AD

3) CoGs (for the Period) = Materials used from the Raw Materials Product Asset A/c + Expenses

For eg., CoGs (for the Period ) = Raw Material Product Asset A/c (Total Period Credit Only ) + Expenses A/c(Total Period Debit Only).

Is this the way to go in Financial Report ?

We did some study and it looks like we have to change right from Trial Balance (some thing like creating one in Financial Report) that avoids CoGs itself. probably some change in posting Docs will be needed as well.

It will be nice if there is a 'Relative Period" feature for Fin Report Line as well, apart from report Column, to do this. Perhaps there are better methods

By: Redhuan D. Oon (red1Project Admin) - 2007-08-27 19:44

>It will be nice if there is a 'Relative Period" feature for Fin Report Line as well, apart from report Column, to do this. I think there is such a feature. You can go minus -1 for period brought forward from last year etc. Try checking with the Financial Reporting > Report Column Set > Report Column > Column Type = 'Relative Period' ; Relatie Period = '-1' That means u have to set the ColumnType to 'Relative Period' then only the RelativePeriod field can appear.

### **2.179 *Checking products usage with Trees***

ERP

Is it right to use a Tree to check the usage of the products I have defined on the system? After setting the product in the tree, how can I have reports about the usage of the product? I hope I was clear to expose my doubt...

karsten-thiemann wrote

you can use trees in Financial Reports to do so you have to define a Reporting Hierachy (Performance Analysis->Financial Reporting->Reporting Hierarchy) and select your new tree as Product Tree. Now you can use this Reporting Hierarchy in your Financial Reports, hope that give you some hints ...

### **2.180 *Number formatting in ADempiere***

Bazaar

I would like to know if there's any way to make Adempiere use a different formatting for the numbers, i.e. use 999 999.99 instead of 999.999,99.

---> Colin wrote:

The number format (like dates) is linked to the language by way of the "Decimal Point" Checkbox. The "Decimal Point" checkbox in the language window, so the only options available are 999,999.99 or 999.999,99.

The number of decimal places is managed by the currency..

### **2.181 *dynamic dropdown***

Devi

was wondering how can we manage to create dynamic dropdown menus like the one used in the login form (depending on the role you choose organization dropdown menu is changed automatically).. so we want inside some window that dropdown\_menu\_2 is depending on the choice user makes in dropdown\_menu\_1

--->Teo Sarca wrote:

This is posible using dynamic validations (see AD\_Val\_Rule).

### **2.182 *check the balance of physical inventory***

Compiere

system should able be to give me a number or give me alarm for product B and tells me the Product B is not enough. anyone has an idea to set this feature in compiere?

albert (albertachen) wrote:

The Material-issue-worksheet.....

We generate the sheet FROM production's product and BOM's product then check m\_storage's OnHand Qty....

### **2.183 *Finding Stuff***

Help

Carlos Ruiz wrote:

Normally my path when searching something normally is (order can be different depending on the info searched):

- adempiere forums
- adempiere trackers
- compiere forums
- compiere trackers
- source code
- wiki

- paid compiere manual (if accessible)
- paid flash training (if accessible)

### **2.184 Can we pentaho BI tool as an addon**

Bazaar

There's an effort -newly born however- underway to integrate RE, Data Mining and BI with ADempiere ( [http://www.adempiere.com/wiki/index.php/The\\_Idea\\_of\\_iADempiere](http://www.adempiere.com/wiki/index.php/The_Idea_of_iADempiere) ).

I'd also suggest you the following readings:

- [http://www.adempiere.com/wiki/index.php/Adempiere\\_Business\\_Intelligence](http://www.adempiere.com/wiki/index.php/Adempiere_Business_Intelligence)
- [http://www.adempiere.com/wiki/index.php/Integrating\\_a\\_Rules\\_Engine\\_into\\_ADempiere](http://www.adempiere.com/wiki/index.php/Integrating_a_Rules_Engine_into_ADempiere)
- [http://www.adempiere.com/wiki/index.php/The\\_iADempiere\\_Team\\_Meetings](http://www.adempiere.com/wiki/index.php/The_iADempiere_Team_Meetings)

### **2.185 Migration tool from Oracle to PostgreSQL**

Bazaar

best way to migrate oracle to postgresql is use ddlutils.

I migrate libero this way.

Migrate my old version 253b in oracle to 315 of adempiere in oracle.

When I have rady oracle I generate the model and data use ddlutils.

Create my new db in postgresql

run ddlutils with new db and postgresql properties (this process create new tables,index,constraints, view , functions)

Ready

Victor

<http://www.adempiere.com/wiki/index.php/Migration/DDLUtils>

### **2.186 Budgeting**

Fin

What are the current budgeting/reporting options of Adempiere?

What are its limitations? Any answer would be much appreciated.

Carlos Ruiz wrote:

Currently budget in Adempiere is a type of accounting facts.

This is, they can be entered into Adempiere as a GL Journal with type budget

This can be useful and reports can be constructed to compare actual vs budget, or actual vs statistical, etc.

Maybe a functional problem of this is that I've seen companies that have the budget at a different level from actual accounting.

I mean, I've seen companies that have the budget just for major account 11, and the actual movements are done in account 11100, 11110, etc.

About Consolidated Financial Reporting:

Yes, Adempiere has a tool (inherited from Compiere) to construct flexible financial reporting. This tool has good flexibility in defining periods, columns, comparisons, etc.

The tool hasn't much flexibility to formatting. And is incredibly slow when the account facts reach certain number of records.

When the limit of flexibility or slowness is reached, maybe is better to construct reports in external tools (spreadsheets, jasper, pentaho, etc.)

I remember that Adaxa has contributed some tutorials on exporting accounting facts to spreadsheet for analysis.

--> Adaptive Planning wrote.

<http://sourceforge.net/projects/adaptiveplan/> already has the Excel type functionality that you require, along with consolidation, versioning (for what-ifs) etc

### **2.187 *There is a unix/linux script in the migration directory called migrate.sh.***

Bazaar  
Run it as  
# ./migrate.sh 314-315  
and it should run all the scripts needed ... look out for errors

### **2.188 *POC for an ajax client***

Bazaar  
[http://www.adempiere.com/wiki/index.php/Exec\\_Summary\\_4/4/07](http://www.adempiere.com/wiki/index.php/Exec_Summary_4/4/07)

### **2.189 *Problem in Adempiere With Oracle 10g***

Bazaar  
I have tried to install the Adempiere with Oracle 10g ( A fresh Installation of Oracle 10 g ) ,  
But it gives the problem that is something like :  
Error shows :Invalid Identifier on the Views.

- Which version of Oracle 10g you are running ? Release 1 or Release 2 ?  
-> the oracle dump included in the binary release on SF is not compatible with 10g Release 1.  
-> But: there are reports that Adempiere can run ok in 9i:  
[http://sourceforge.net/forum/forum.php?thread\\_id=1662413&forum\\_id=611158](http://sourceforge.net/forum/forum.php?thread_id=1662413&forum_id=611158)  
Standard Edition or XE ?  
-> if you are using oracle XE, you must select database type 'Oracle XE' instead of 'Oracle' in the Run\_Setup process  
Note that sqlj function is use for Oracle Enterprise or Standard Edition whereas plsql function is use for Oracle XE.  
Which mean if you only have problem when installing using Oracle Enterprise or Standard Edition, the problems maybe cause by sqlj related error.

Enterprise Edition?  
This error comes on Oracle 10g Enterprise Edition. And I could not find out why ? However it runs smoothly on Oracle 10g XE as explained by Heng.

### **2.190 *Problem whith Adempier installation***

Bazaar  
[http://www.adempiere.com/wiki/index.php/Manual\\_Installation\\_From\\_Archive](http://www.adempiere.com/wiki/index.php/Manual_Installation_From_Archive)

### **2.191 *HRD and Payroll modules***

Bazaar\_Projects  
Victor wrote:  
It has the following features:

- Use the Business Partner and Employers of ADEmpiere
- you can create attributes to each Employer, this are use to engine rule
- You can create the catalog concepts , a concept will be to String, Numeric and Calculate
- You use the engine rule to generate of calculate the Tax, income, discounts

- You can capture incidences
- You can run process calculation
- Payroll generate the transaction account
- We think integrate in future into ADEmpiere before integrate Libero

Fuad wrote: here is in short our view of HR module.

- Employee data as usual (ID number, father's name, married, etc.)
- Documents. Employee can have one or more documents (tab in AD) with attributes: document number, date, institution that issues document, location, type as lookup (passport, personal ID, etc.)
- Drivers license (ID number, date from to, category (A, B, C, etc.),
- Relatives of employee are children, spouses, etc. Attributes are: name, sex, date of birth, type (souse, children, etc.).
- Contacts of employed. Idea is again to have more contacts. We have people with multiple addresses: resident place, place of stay (for purpose of work), temporary place. Standard attributes, street, city, telephone, email, etc.
- Education. Again I see this as tab in AD where we can list all the educations of employee. Attributes are: Qualification, Title, Date, Grade, etc.
- Previous jobs. Attributes: Name of the company, position, address, date from to,
- Trainings. We have to track employee trainings this tab would record all the trainings, courses, education completed. Attributes: type: seminar, conference, on job training, title, location, date from to, hours, address, grade.
- Resources. Track all the resources employee has: company car, mobile, computer, special tools, etc. Attributes: name, type, serial number, date from to, memo
- Contracts of employee: again, list all the contracts probation period contract, regular contract, management contract.
- Health record and injuries on work. Attributes: type, date, memo.
- Stimulation / evaluation. Records on employee performance. Attributes: type: date, amount (of stimulation or payment) number of document.
- Not on work place (official business, vacation, health, maternity, other). Type, date from to, number of days, memo.

### **2.192 Purchase order for known customer**

Dev

does anyone know is it possible to make purchase order for product/item for known customer.

E.g. Customer order from us an item. We does not have item on stock, so we enter purchase order to our vendor but we need to specify for which customer order is. So when we will receive an item, it will be reserved for customer.

### **2.193 Inventory in Transit**

Functional-ERP

When I move inventory from one warehouse to another, the material is straight away subtracted from first and added to second. What I want to do is to mark it as "In Transit" while second warehouse person should be able to mark it "Complete".

Colin wrote:

When you do an inventory move the document type is a Material Movement (by default anyway it could be changed). If you right click and zoom to the definition of this document type there is a checkbox "In Transit". To be honest I'm not sure what precisely it does and I haven't had time to test. Perhaps you could experiment with that and let us all know? :)



### **2.194 How to replenish Stock from Warehouse to Shop**

Functional-ERP

For the Retail Business, it will have Central Warehouses of Head-Quarter and Distribution Store of Each "Retail Shop". After the End Date, the Head-Quarter is required to replenish the Stock from Central Warehouses to Distribution Stores of Retail Shops.

For the above cases, would anyone tell us the following issues?

1. Could the ADempiere replenish the Stock from HQ's Warehouse to Shop Stores?
2. How to Setup this environment?

Carlos wrote:

- \* Window - Material Management -> Material Management Rules -> Product -> tab replenish -> field Source Warehouse
- \* Report/Process Material Management -> Replenish Report (it can create the needed movements)

### **2.195 How to create customer assets**

Functional-ERP

Can someone please explain to me the process of creating customer assets, i.e. products with non-sequential serial numbers? At current, I set up an asset group and associated it with a product group which the "asset to be" is part of.

In the manual, it says that a customer asset is created when it is delivered. Does this include electronic delivery only? Is it possible to create a customer asset through a ship receipt? Is the asset created automatically when shipped or do I have to create one?

->I have looked through all posts on Compiere's Website and found and implemented the following:

1. Create a new asset group
2. create a new product group and assign new asset group to it
3. create a new attribute set
4. assigned the product to the attribute set
5. created a material receipt for the new product into which I entered a serial number.
6. completed material receipt, confirmed shipment receipt

At this stage, I can see stock for the product in material transactions/product transactions. From this stage on I have the following problem:

7. When I place a sales order for the product, I cannot select the specific instance (serial number). The window that opens up shows no records.

### **2.196 Intial capital**

Functional-ERP

How could i post an amount for the capital account ?

The idea is to begin all transactions with an amount (that belongs to the Society owner)that should be put in the society bank. how could i enter this transaction ? and which accounts have to be updated ?

-> After some tries i found that doing it with the GL approach after creating a new combination can update correctly the accounts but can not affect the real bank balance which is updated with bank statement. because the bank account in the schema is defined only as a document posting account. So we have to do some other transactions to complete this in the bank statement.

The second way with advised by theo is to create a charge with a combination and to enter it in the bank statement as a charge. i tested it and it seems to works

### **2.197 Warehouse/Org Relationship**

Functional-ERP

Looking for some functional advice.

Several times we have encountered the situation where two different organizations would like to share the same warehouse. There is nothing that seems wrong about that to me.

But on the order screen, the warehouse pick list is limited only to warehouses in the same org. This can be changed easily by altering the reference validation. Then you can get a list of other warehouses and select the one you want.

But if you select a warehouse from a different org, and try to save the record, you get a warning dialog box that says the warehouse organization is not the same as the order organization. Once you ok the dialog, it saves the record.

My question: Does anyone know a negative downstream consequence of saving the record like this?

-->> no answer to this post fro Joel

### **2.198 Account Combination & Dimension**

Functional-ERP

I am very new to Compiere and I could not figure out " What is difference between Account Combinations and Account Dimensions ? "

Heng Sin wrote:

Organization is a hierarchical/tree structure in Adempiere, design specifically to handle the scenario you mention - many branch per company and many department per branch. Financial reporting in Adempiere already have the flexibility that allow you to generate financial report for each level of your organization structure plus any other dimension you have ( bpartner, product etc). At transaction level, you just have to make sure your user are login to the correct organization unit so that the right organization unit will be captured into your financial posting.

### **2.199 Fact\_acct & C\_validcombination Relationship**

Compiere

I ve been trying to know the relationship between Fact\_acct and c\_validcombination and how are these updated on the database

-->Fact\_acct - Its the "details" table of all accounting transactions according to the schema you have set up. It will have the account element value, possibly a product, region, business partner, etc. as addition information that can be used for reporting purposes.

C\_validcombination - this is really just a lookup table. If you look at any of the accounting tabs on business partner, product or charge. It will store the default accounts for transactions. That column of the table (product for example) will then lookup to the valid combination which will tell it some of the information it needs for populating the Fact\_acct table. That is where it will pull information such as org and element value. Some items will automatically be filled in based on the transaction such as business partner or product. The c\_validcombination is updated in the database when you create a "new" valid combination of element values. This process is done automatically for you.



### 3 Español

#### 3.1 Español

**Menú ver no muestra las opciones de "Informacion de la Orden", "Información de la Factura", "Información de Entrega" etc.**

He actualizado de la versión 3.14 a la 3.16, aplicando inicialmente los scripts para pasar del 3.14. al 3.15 (validando los SQL para postgres) y luego pasando la version actualizada 3.15 al 3.16; posteriormente he venido empleando la version actualizada al 3.16 sin problema alguno, salvo que en el menu "VER", no me muestra las opciones de "Informacion de la Orden", "Información de la Factura", "Información de Entrega", etc.

En una parte del log me sale:

-----> MRole.get\_Value: Column not found - Allow\_Info\_Product

-----> MRole.get\_Value: Column not found - Allow\_Info\_BPartner

y revisando con detenimiento los scripts de actuali<i>iacion del 3.14 al 3.16 veo q se agrega a la tabla "ad\_role" las columnas que dicen faltan en el log, no se si estas columnas tambien se han debido agregar en alguna otra tabla y si es asi por donde va la solución.

Carlos Ruiz wrote:

Lidia, prueba "Sincronizar Terminología" y me cuentas. Tuve el mismo problema pues el script de migración no creó las entradas en español.

LidiaMagaly wrote:

Te cuento que ejecute el proceso de "Sincronizar Terminología", lo hice primero estando en español y luego en inglés, donde efectivamente si se visualiza sin problemas las opciones del menu "Ver" (en el idioma inglés), sin embargo no he tenido éxito para que funcione en español, he intentado revisando la opcion "traducción del lenguaje" en "Reglas del sistema" a ver si por ahi en base a la orientacion que me das podría quizás manualmente solucionar el problema, pero al apre<i>cer ese tampoco es el camino.

Espero puedas ayudarme quizás indicandome como sincronizar la terminologia de manera manual, de igual forma te estoy agradecida por la orientación. Gracias

Alejandro Falcone wrote:

Yo tenía el mismo problema que indicas y lo solucioné, tal como te indica Carlos, mediante el proceso de Sincronizar Terminología.

Para correrlo, ingresé con el Usuario= SuperUser, Lenguaje= Ingles, Rol= System Administrator. Luego de corrido el proceso, puedo ver correctamente todos los ítems del menú "Ver" en español.

#### 3.2 Error al cargar las cuentas en español

Spanish

Si elijo AccountingES.cvs y le doy aceptar para iniciar la carga: "Error mientras se crea la disposición de la contabilidad. Compruebe el registro de errores y el formato del archivo Accounting\*.cvs "

-->Qué archivo .csv estás utilizando para importar las cuentas?

Si estás utilizando el archivo "Chart of Accounts Spanish.csv" de la sección contribuciones, he leído en otro post que en dicho archivo, al final del mismo, existen una serie de caracteres extraños; si los borras podrás importar dicho plan de cuentas.

El archivo al que Ramiro hace referencia, con las 70 cuentas por default, se encuentra en la sección contribuciones. Lo pueden descargar desde el siguiente link:

[http://sourceforge.net/tracker/index.php?func=detail&aid=1617499&group\\_id=176962&atid=883808](http://sourceforge.net/tracker/index.php?func=detail&aid=1617499&group_id=176962&atid=883808)

He visto en otro post que al final de dicho archivo existen unos caracteres extraños que podrían llegar a provocar un fallo en el proceso de importación. Para solucionar esto, simplemente hay que borrar dichos caracteres.

### 3.3 *Centros de Costos y Presupuestos*

Spanish

conocer si alguno de Uds. ha tenido la oportunidad de trabajar con varias organizaciones y han tenido la necesidad de gestionar presupuestos por cada una de ellas, de tal manera que se pueda hacer seguimiento a la ejecución de los mismos; se me ha presentado esta casuística y lo único que se me ocurre es quizás asociar la gestión presupuestal a proyectos y a partir de ahí hacer seguimiento a los mismos (como proyectos de servicios), no se me ocurre otra cosa, le agradeceré mucho sus sugerencias

Por otro lado me gustaría conocer de que manera puedo gestionar centros de costos para realizar la asignación respectiva de ingresos y egresos según corresponda.

Victor Perz wrote:

Para manejar presupuestos con Adempiere requieres lo siguiente:

- Operar diariamente las transacciones de Ingresos y Egresos (CxC y CxP) usando Adempiere.
- Los presupuestos se pueden ingresar en Adempiere como asientos de diario y el tipo de aplicación presupuesto, así tu puedes fijar todo un estado de resultado como presupuesto y comparar las transacciones reales contra lo presupuestado usando la funcionalidad de informes financieros.
- Para manejar centros de costo yo te sugiero uses Actividad (ABC).

### 3.4 *JBoss*

Spanish

Adempiere trae implementado el servidor jboss (tampoco se instala como un war dentro de un servidor jboss existente, pero creo que esto sería más fácil de implementar).

Actualmente en el servidor JBoss se ejecutan:

- la webstore
- el despachador para java web start
- el monitor del sistema (que permite subir/bajar/ejecutar los motores)
- el motor de reglas contables
- el motor de reglas de solicitudes
- el motor de workflow
- el motor de tareas (scheduler)
- el cliente Web (en estado beta)

Para usar el cliente swing no es necesario en lo absoluto tener el servidor JBoss, pero para contabilizar documentos (incluso desde el cliente swing) sí es necesario).

### 3.5 *Meditando migrar a Adempiere.*

Spanish

1º) ¿Es posible limitar las funcionalidades de Adempiere para adaptarlo a empresas de tamaño reducido (micro-pymes)? Esto haría más fácil la adopción por este tipo de empresas que, por lo general, no disponen de sistemas informáticos o son muy básicos.

---> La adaptación de Adempiere a empresas mipyme creo que puede depender de muchos factores, anteriormente la primer gran limitante que yo consideraba de Adempiere era utilizar una base de datos como Oracle, por el precio que puede ser privativo y adicionalmente por la gran cantidad de recursos que requiere. Ahora Oracle XE, pero sobre todo PostgreSQL dejan de lado esta limitante. En cuanto a limitar la funcionalidad de Adempiere, pues necesitarías verificar los requerimientos en cuestión. Adempiere al igual que Openbravo son escisiones de Compiere por lo cual seguramente mediante los roles te permite limitar el acceso a las funcionalidades del sistema, no obstante si se omiten ciertas operaciones creo muy importante que analices las consecuencias contables de omitir realizar ciertas funcionalidades.

2º) He visto que hay documentación en abundancia, pero claro, hasta que uno se mete en desarrollos no puede saber si es suficientemente abundante o buena. ¿Alguien sabe si, a la hora de desarrollar sobre Adempiere, hay

documentación que facilite las cosas?

--->La documentación para desarrollar sobre Adempiere en mi personal opinión aun no es suficiente, como proyecto nos falta aun documentación sobre el tema. No obstante, si se compara con otros erps libres como openbravo, compiere, tinyerp, etc. la documentación existente y la comunidad alrededor del proyecto sin duda es mucho mejor.

3º)En esta misma línea: ¿qué pasa con mis desarrollos cuando Adempiere cambia de versión? ¿Hay alguna forma o herramienta que permita aprovechar actualizar sin perder los desarrollos propios?

--->Este siempre será un tema complejo. Los cambios en adempiere usualmente vienen en modificaciones a la base de datos o modificaciones al código en java. La migración de la base de datos de una a otra versión se controla mediante la aplicación sucesiva de scripts de sql. En el caso del control del código en java, se ha discutido en el proyecto que actualmente la mejor manera de llevar control del código fuente es mediante la utilización de un servidor svn para controlar las modificaciones que se hallan realizado al código fuente. Esto mediante branches, tags, trunk, etc. Para agregar funcionalidad en el proyecto trabajando en una funcionalidad basada en el concepto de plugins denominada 2pack, los gurus del proyecto te podran mayores detalles sobre el tema.

4º)No he encontrado ningún repositorio de "parches". ¿Cual es la política de corrección de errores del proyecto? La solución que tenemos ahora mismo nos obliga a actualizar todo el sistema y a esperar a que salga la próxima versión para disponer de corrección de errores.

---->Las correcciones se van haciendo sobre el trunk, es decir, la rama principal de desarrollo del proyecto. Existe un comite tecnico responsable de aplicar las correcciones sobre el trunk. Si alguna persona trabaja sobre la corrección de un bug, hace llegar su parche a alguno de los miembros del comite tecnico, quienes se encargan de revisar el parche, y en su caso aplicar la corrección en el repositorio. Este comite técnico realiza reuniones virtuales periodicas en el canal de IRC del proyecto para discutir los problemas mas relevantes que se esten enfrentando y proponer soluciones al mismo. Si no realizas modificaciones al código fuente (lo cual me parece improbable) bastaria que estuvieses actualizando con regularidad tu código fuente desde el repositorio del proyecto y volver a compilar para tener las correcciones a los errores.