

GForge® AS User Manual

Version 5.4

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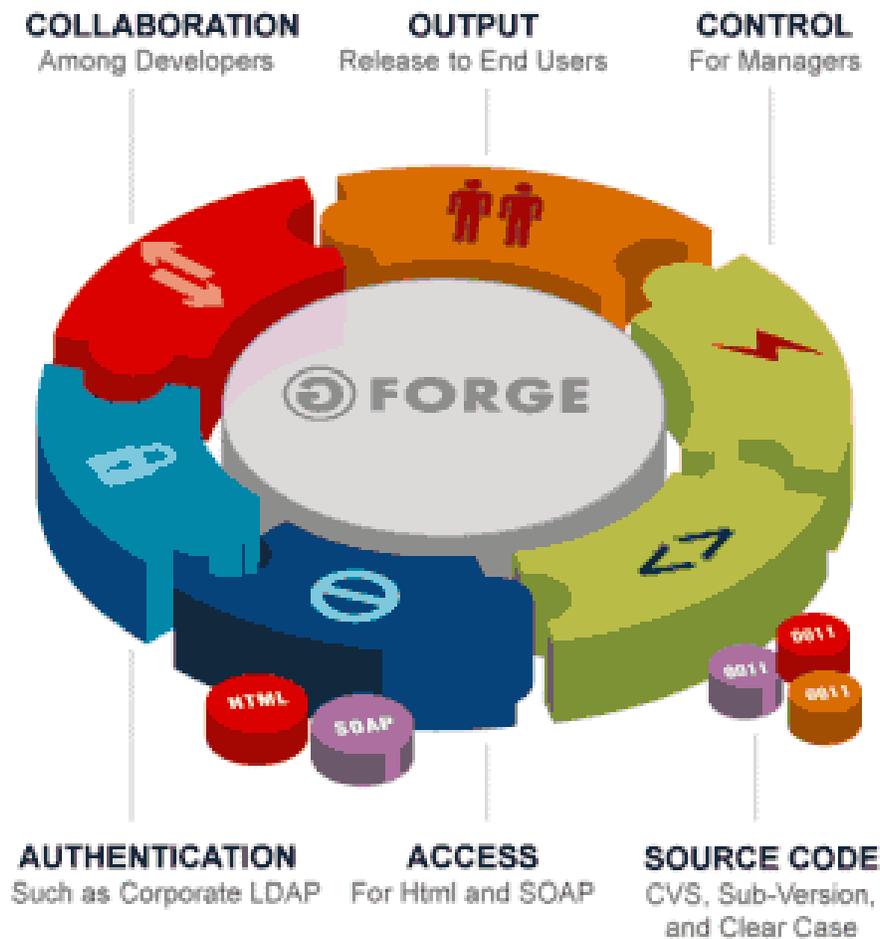
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Section 1 – Introduction to GForge

GForge assists in the management of the entire development life cycle using Collaborative Development Environment (CDE) tools to assist your team in working together, using message forums and mailing lists, including tools to create and control access to Source Code Management (SCM) repositories. GForge automatically creates a repository and controls access to it depending on the role security settings of the Project.

GForge allows you to organize and manage any number of software development Projects. GForge is perfect for managing large teams of software engineers even when they are scattered among multiple geographical locations.

GForge is used by thousands of companies and government agencies around the world. Because GForge ensures proven reliability, ease of use, and global penetration, it is an excellent choice whenever an organization needs to manage a software Project of any size. With the trend towards distributed and offshore development, GForge is uniquely positioned to provide coordination and support to this new development paradigm. Refer to Figure 1-1.



(c) 2004, GForge Group, L.L.C.

Figure 1-1. GForge Modules

1.1 GForge Modules

Additional GForge modules include:

- ◆ Home page with overall GForge information.
- ◆ Personal user's My Stuff detailing your Projects.
- ◆ Project Summary Tree detailing Projects.
- ◆ Site wide Search capabilities for users, Projects, and binary searches within MS Word and PDF documents.
- ◆ Code Snippets for reuse of previously developed code.
- ◆ Forums for group interaction.
- ◆ Issue Tracker with "unlimited" numbers of categories, text fields, and such.
- ◆ Task management via the Trackers.
- ◆ Reporting detailing, time, Trackers, Project activity, pages viewed per day, downloads, commits, and builds.
- ◆ Mailing Lists provided via a GForge version of GNU Mailman.
- ◆ Document Management.
- ◆ News announcements.
- ◆ Files uploaded and each version.
- ◆ Wiki allows everyone to collaborate on the content and modify the pages created by the Project Administrator.
- ◆ Source Code Management (SCM) to check in and out code for Perforce, Visual Safe Source, Clear Case, CVS (Concurrent Versioning System), and Subversion (SVN).
- ◆ Manage File Releases for each build of the Project.

1.1.1 Professional Services

The GForge Project is supported and maintained by the GForge Group including:

- ◆ **Installations** – The CDE system depends on multiple different software components. We can install GForge more completely and less expensively than your staff.
- ◆ **Customer Maintenance and Support** – We offer second-level support and upgrades to your GForge installation.
- ◆ **On-line Training** – GForge Learning Services provides Macromedia Flash-based on-line training that is available 24 hours a day, 7 days a week. This allows you to learn based on your schedule and at your pace. All of the videos are narrated.
- ◆ **Integration Solutions** – The GForge Group can integrate CDE into your existing development process and corporate network, such as Timberbox, Mozillza, WebDav, and XML SOAP API.
- ◆ **Development of Customized Solutions** – The GForge Group can customize the CDE faster and cleaner than other organizations, ensuring that you will not get trapped in a hacked version of GForge that cannot be upgraded.
- ◆ **Lightweight Directory Access Protocol (LDAP)** – Administrator authentication for network integration.

- ◆ **Appliances** – The GForge Appliances can be plugged into your network to provide an instant collaboration environment. Collaboration station plug and play servers can include your CDE site pre-installed and pre-configured to your specifications.
- ◆ **Hosting Services** – GForge can host your CDE solutions at a minimal cost. Refer to GForge Group Professional Services at www.gforge.org for additional information.

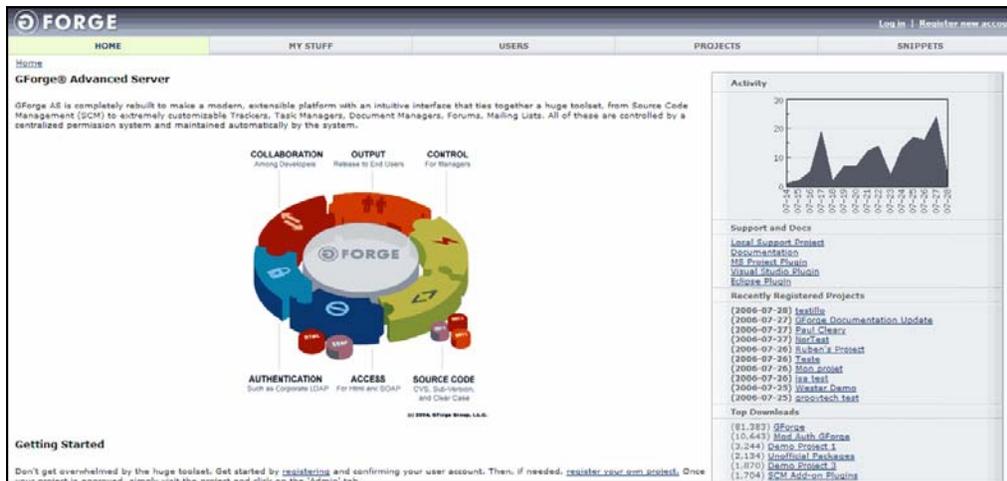
1.2 Registering a New GForge User

There are two possibilities when registering a new user. Registration is dependent on whether Lightweight Directory Access Protocol (LDAP) authentication is implemented for network integration. User registration includes:

- ◆ **Non-LDAP User Registration** – Typical non-corporate user. Requires filling out the New Account Registration form, responding to confirmation e-mail, and logging in.
- ◆ **LDAP User Registration** – Typical corporate user. Login and account creation automatically occurs without e-mail confirmation.

To register a new GForge user:

1. **Connect to the Internet.**
2. **Launch your browser.**
3. Enter the hostname of your server in the **URL Address** field of your browser and click **<Enter>**.
4. Click **Register new account** in the top right corner of the screen.



Register
new account

Figure 1-2. Register new account

The Add New User screen displays with your user data fields. Refer to Figure 1-5 on page 1-5.

5. Enter your **information**. Fields marked with an asterisks (*) are required. Refer to Registering a New GForge User on page 1-3.
6. Click the **Submit** button.
 - ❖ **Note:** GForge requires pop-ups to be enabled.

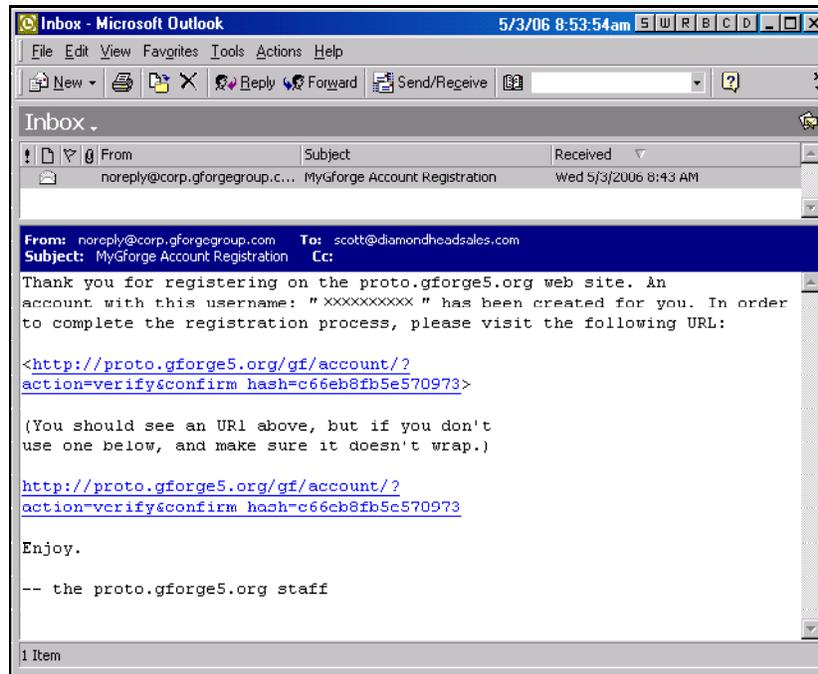


Figure 1-3. New Account E-mail Confirmation

- ❖ **Note:** You will be sent a confirmation e-mail to verify your e-mail address. You must respond to the e-mail within the time period set by the System Administrator or the confirmation will timeout.
7. Click the **link** in the confirmation e-mail.
 - **Caution:** If the link does not work, enter the letter “s” after http. For example, enter **https://**
 8. Enter your **Login name** as you entered it in the Add New User page. Refer to Adding a New User on page 1-5.

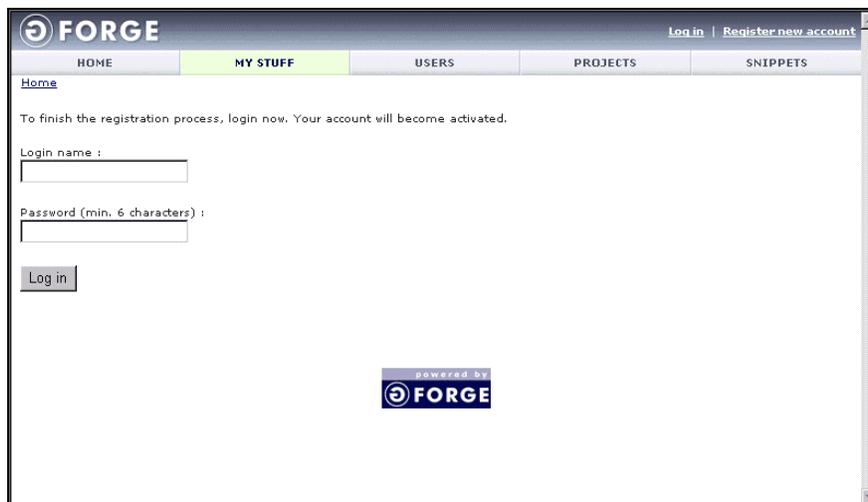
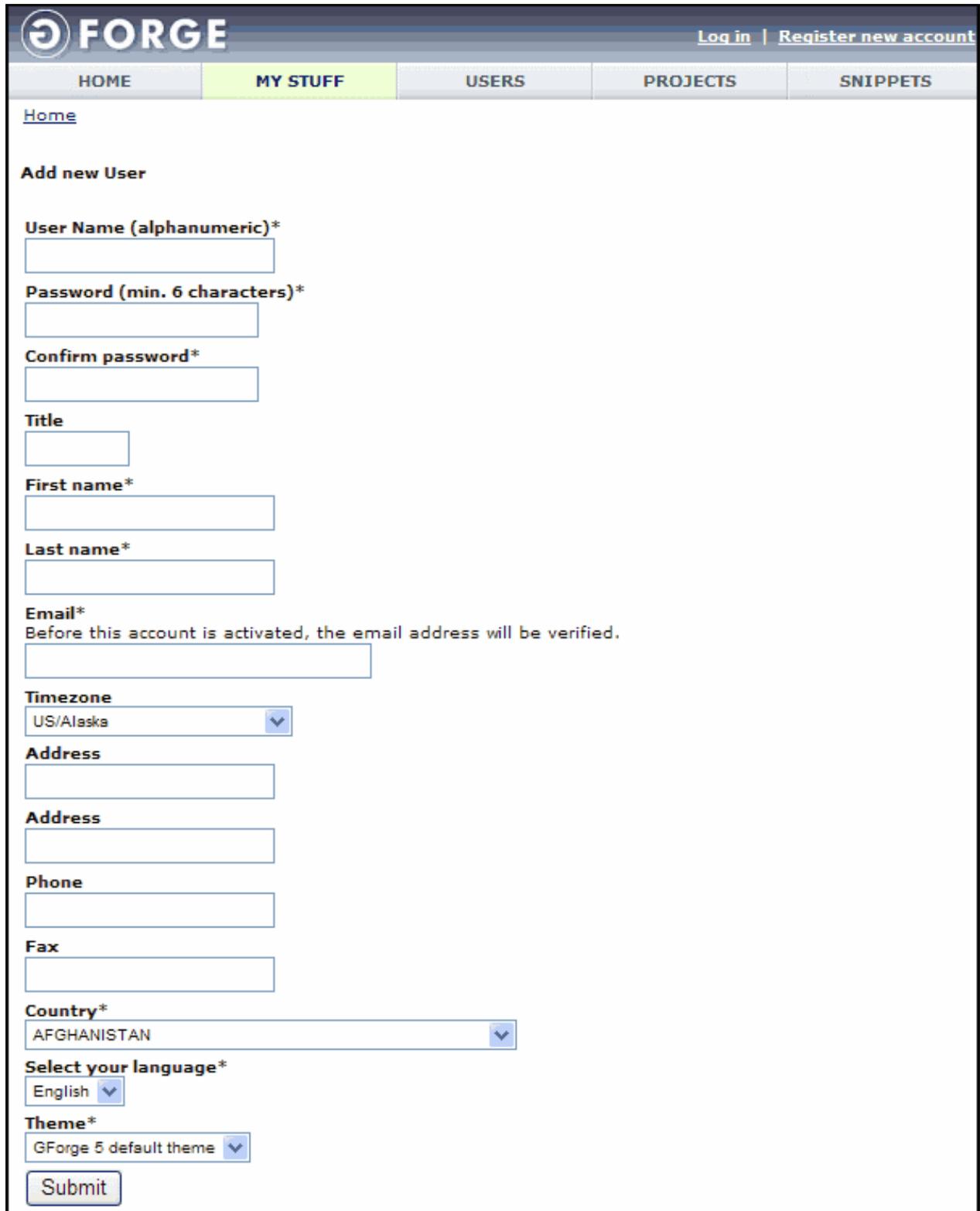


Figure 1-4. Login

9. Enter the **Password** that you entered it in the Add New User page.
 - ❖ **Note:** You must have Cookies enabled in your browser settings to login to GForge.
10. Click the **Login** button.

1.2.1 Adding a New User

After selecting Register New Account from the GForge website, the Add new User screen displays. Required fields display an asterisk (*).



The screenshot shows the GForge website's 'Add new User' registration form. The page header includes the GForge logo and navigation links for 'Log in' and 'Register new account'. A menu bar contains 'HOME', 'MY STUFF', 'USERS', 'PROJECTS', and 'SNIPPETS'. The form fields are as follows:

- User Name (alphanumeric)***: Text input field.
- Password (min. 6 characters)***: Text input field.
- Confirm password***: Text input field.
- Title**: Text input field.
- First name***: Text input field.
- Last name***: Text input field.
- Email***: Text input field with a note: "Before this account is activated, the email address will be verified."
- Timezone**: Dropdown menu with 'US/Alaska' selected.
- Address**: Text input field.
- Address**: Text input field.
- Phone**: Text input field.
- Fax**: Text input field.
- Country***: Dropdown menu with 'AFGHANISTAN' selected.
- Select your language***: Dropdown menu with 'English' selected.
- Theme***: Dropdown menu with 'GForge 5 default theme' selected.

A 'Submit' button is located at the bottom of the form.

Figure 1-5. Account Registration

User Name – Unique user name to Login and access the GForge system. Do not use spaces or capital letters. Typically, your User Name is a combination of your name and your surname, such as jdoe for John Doe. A User Name cannot match an existing system user account, such as “root.”

Password – Password to Login and access the GForge system. Enter a minimum of six alphanumeric characters.

Confirm password – Retype the Password entered in the previous Password field for verification.

Title – Current job Title or position.

First name – Enter your First name.

Last name – Enter your Last name.

Email – Valid e-mail address used for GForge and other user correspondences.

- ❖ **Note:** You must enter a valid e-mail address to receive the login conformation e-mail. The login conformation e-mail enables you to click the registration link to become a registered GForge user. Refer to Figure 1-3.

Timezone – Time zone in which you reside. By default, Greenwich Mean Time (GMT) is selected. All dates display relative to the Timezone selected.

Address – Your current address.

Address – Additional address information, such as a Post Office (PO) Box number.

Phone – Your current telephone number.

Fax – Your current facsimile number.

Country – Country in which you reside.

Select Your Language – Language in which GForge displays including how local specific data appears, such as dates.

Theme – Theme in which the CDE screens display.

Submit – Click Submit after entering all required information.

1.2.2 Logging In and Out of GForge

To ensure a secure site, it is advised that you log in to GForge when you are using the site, but log out when you have completed your business.

1.2.2.1 Log In

To Log In to GForge:

1. Connect to the **Internet**.
2. **Launch** your **browser**.
3. Enter the hostname of your server in the URL Address field of your browser and press **<Enter>**.
4. Click **Log In** in the top right corner of the screen.

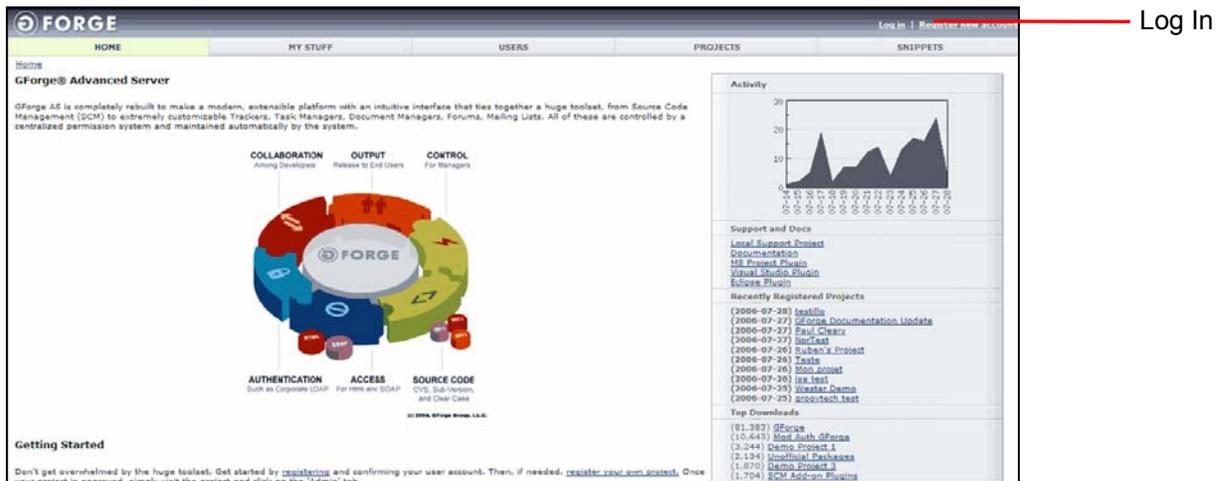


Figure 1-6. Log In

- ❖ **Note:** Cookies must be enabled to Log In to GForge. In Internet Explorer, refer to Tools > Internet Options > Privacy > Advanced settings. In Netscape, refer to Edit > Preferences, Privacy & Security > Cookies.

5. Enter your **User Name**.

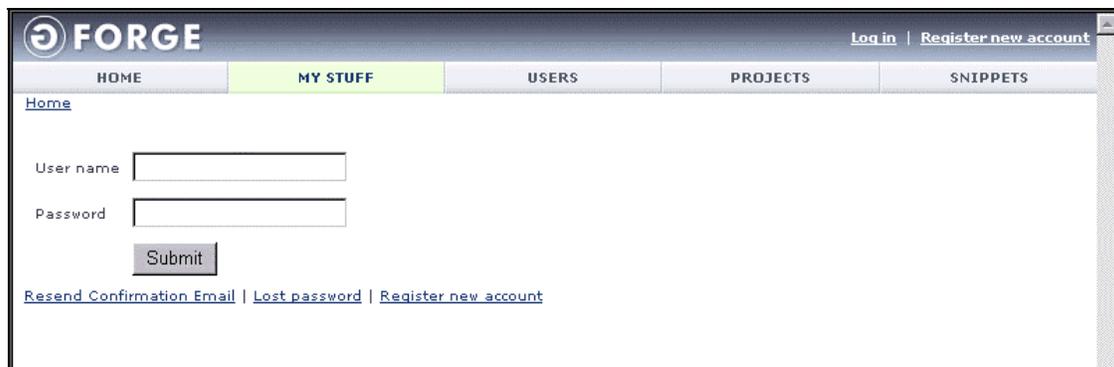


Figure 1-7. GForge Login

6. Enter your **Password** and click the **Submit** button.

1.2.2.2 Resend Confirmation Email

Click the Resend Confirmation Email to have GForge resend the confirmation Email. Refer to Figure 1-3.

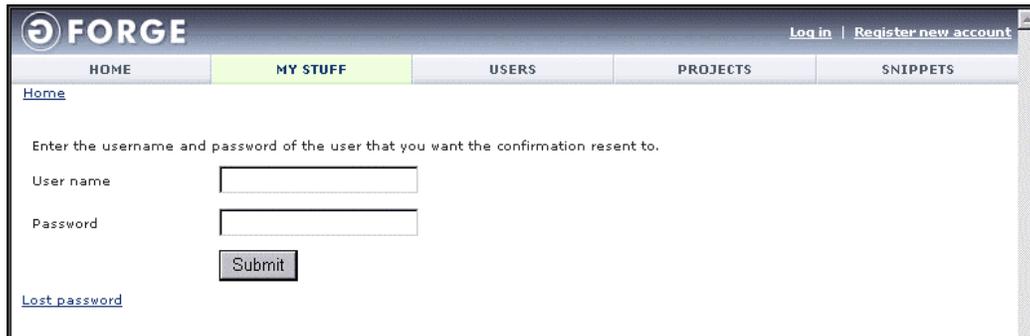
The screenshot shows the GForge web application interface. At the top left is the GForge logo. To its right are navigation links: 'HOME', 'MY STUFF' (highlighted in green), 'USERS', 'PROJECTS', and 'SNIPPETS'. In the top right corner, there are links for 'Log in' and 'Register new account'. Below the navigation bar, there is a 'Home' link. The main content area contains the text: 'Enter the username and password of the user that you want the confirmation resent to.' Below this text are two input fields: 'User name' and 'Password'. A 'Submit' button is located below the 'Password' field. At the bottom left of the form area, there is a link for 'Lost password'.

Figure 1-8. Resend Confirmation Email

To Resend a confirmation email:

1. Connect to the **Internet**.
2. **Launch** your **browser**.
3. Enter the hostname of your server in the URL Address field of your browser and press <**Enter**>.
4. Click **Log In** in the top right corner of the screen.
5. Click **Resend Confirmation Email**.
6. Enter your **User Name**.
7. Enter Your **Password**.
8. Click **Submit**. A new confirmation Email will be sent to the Email address you entered when you registered a new user. Refer to Registering a New GForge User.

1.2.2.3 Lost Your Password

If you lost or forgot your Password:

1. Connect to the **Internet**.
2. **Launch** your browser.
3. Enter the hostname of your server in the **Uniform Resource Locator (URL) Address** field of your browser and press **<Enter>**.
4. Click **Log In** link in the top right corner of the screen.
5. Click the **Lost password** link. Refer to Figure 1-7.

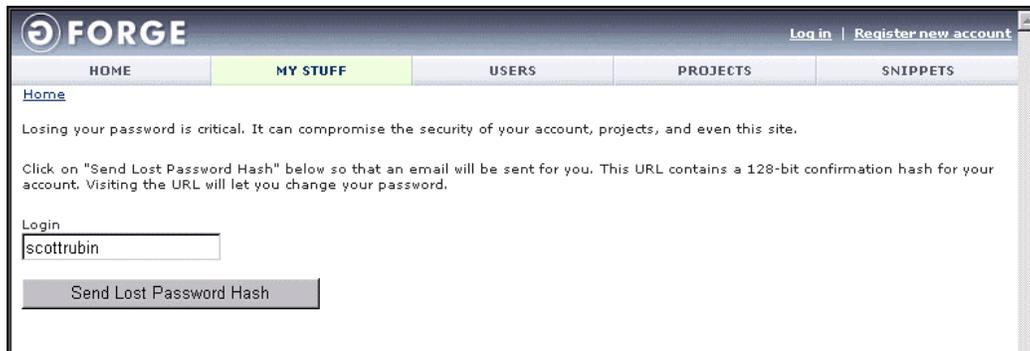


Figure 1-9. Lost Password

6. Enter your **Login name**.
7. Click the **Send Lost Password Hash** button.

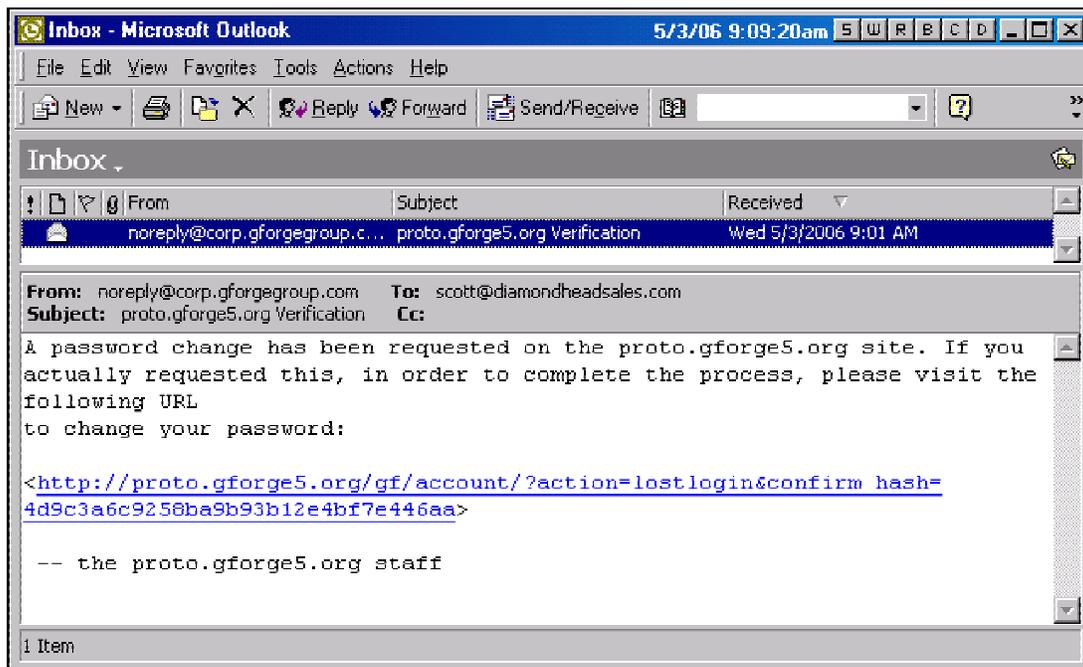


Figure 1-10. Lost Password Confirmation E-mail

- ❖ **Note:** You will be sent a confirmation e-mail containing a link to reset your Password. You must respond to the e-mail within the time period set by the Administrator or the confirmation will timeout.
8. Click the **link** in the confirmation e-mail.
 - **Caution:** If the link does not work, enter the letter “s” after http. For example, enter **https://**
 9. Enter your **New Password** to login and access the GForge system. Enter a minimum of six alphanumeric characters.



Figure 1-11. Lost Password Login

10. Retype the Password in the **Password (repeat)** field for verification.
11. Click the **Update** button. The Password Changed dialog displays.
12. Click **Log In**.
13. Enter your User Name and Password. Refer to Section 1.2.2.1, Log In, page 1-7.

1.2.2.4 Log Out

To Log Out from GForge:

1. Click the **Log Out** link on the top right of your browser window.

The screenshot shows the GForge web application interface. At the top right, the user is logged in as 'Scott Rubin (scottrubin)' and a red arrow points to the 'Log Out' link. The main navigation bar includes 'HOME', 'MY STUFF', 'USERS', 'PROJECTS', and 'SNIPPETS'. Below this, there are sub-navigation tabs for 'MY STUFF', 'MONITORING', 'DASHBOARD', 'ACTIVITY', 'GANTT CHART', and 'MONITORED FORUMS'. The left sidebar contains a 'My Stuff' menu with options like 'My Account', 'Change Password', 'Change Email', 'Plugins', 'Edit SSH Keys', and 'Register Project'. The main content area, titled 'My Page', has tabs for 'Assigned Tracker Items', 'Submitted Tracker Items', and 'Projects'. A table under 'Assigned Tracker Items' shows two entries:

Project	Tracker	Id	Priority	Summary
Demo Project 1	Documentation Tracker	1503	3	GForge User Manual
		1502	5	GForge Admin Manual

The GForge logo 'Advanced Server' is visible at the bottom center of the page.

Figure 1-12. Log Out

1.3 Contacting GForge Group

GForge Group, L.L.C.
 1200 Valley West Drive, Suites 304-25
 West Des Moines, Iowa 50266 USA

General Phone: 408.907.2744

Fax: 408.907.2756

Company Website: <http://gforgegroup.com>

GForge Product Website: <http://demo2.gforgegroup.com>

E-mail: gfgsales@gforgegroup.com

Section 2 – Home

The GForge Home page allows you to view information about registered Projects, such as the Project News, recently registered Projects, and the Project that has been downloaded the most during the week. You can also log in or log out of GForge.

The screenshot shows the GForge Home page with the following sections:

- Navigation:** Home (selected), My Stuff, Users, Search, Projects, Snippets.
- Logged in:** Tawni Plath (tawniplath) | Log out
- GForge® Advanced Server:**
 - Description: GForge AS is completely rebuilt to make a modern, extensible platform with an intuitive interface that ties together a huge toolset, from Source Code Management (SCM) to extremely customizable Trackers, Task Managers, Document Managers, Forums, Mailing Lists. All of these are controlled by a centralized permission system and maintained automatically by the system.
 - Diagram:** A central GForge logo surrounded by six colored segments representing features:
 - COLLABORATION:** Among Developers
 - OUTPUT:** Release to End Users
 - CONTROL:** For Managers
 - AUTHENTICATION:** Such as Corporate LDAP
 - ACCESS:** For Html and SOAP
 - SOURCE CODE:** CVS, Sub-Version, and Clear Case
- Download GForge AS:** A purple button with a download icon and text: "Download Unlimited Users GForge Advanced Server".
- Activity:** A line graph showing activity over time from 08-12 to 08-26.
- Recently Registered Projects:**
 - (2007-08-27) X-TRAD
 - (2007-08-27) ProjectTest
 - (2007-08-27) AvedProject
 - (2007-08-26) pax-test
 - (2007-08-26) testtest
 - (2007-08-25) alytest
 - (2007-08-24) teste1
 - (2007-08-24) J8test
 - (2007-08-23) Abcd
 - (2007-08-22) Teste de Usabilidade
- Top Downloads:**
 - (81,400) GForge
 - (10,690) Mod Auth GForge
 - (3,250) Demo Project 1
 - (2,137) Unofficial Packages
 - (1,900) Demo Project 3
 - (1,706) SCM Add-on Plugins
 - (1,652) GForge Wiki Plugin
 - (1,104) GForge Plugins
 - (600) Command Line Interface
 - (195) TinderBox for GForge
- Support and Docs:**
 - Local Support Project
 - GForge Help Forum & Docs
 - Office Add-in Project
 - SOAP SDK Project
- Commercial Plugins:**
 - Eclipse Project
 - MS Project Plugin
 - Visual Studio Plugin
- Getting Started:**
 - Don't get overwhelmed by the huge toolset. Get started by [registering](#) and confirming your user account. Then, if needed, [register your own project](#). Once your project is approved, simply visit the project and click on the 'Admin' tab.
 - Edit your trackers, or create new trackers, fields, and values in your fields
 - Edit your 'roles' and 'Observer' settings to set permissions and access levels
 - Add members to your project
 - Plan releases
 - Create tasks in your Task Manager and use MS Project to estimate ETA on completing them
 - Start writing your code and commit code linked to your defined tasks
 - Build and release code using the File Release System
 - Log defects against the releases
 - Commit changes and link the changes to the defects
 - Start all over again!
- Translations:**
 - This version of GForge AS includes several translations, including Traditional Chinese, Simplified Chinese, French, Spanish, Korean and English. The translation files are available from the [Translation Project](#). Create and share your translations with other people who speak your language.
- Eclipse, Visual Studio, MS Project plugins and Documentation:**
 - The documentation and plugins for Eclipse, Visual Studio and MS Project are available from the [Online Store](#).
- Running a Public Website, Charity or OSS Project?:**
 - Public Websites, Charities and Open Source Projects can get a free unlimited license from GForge Group. [Apply With GForge Group](#)
- Recent News:**
 - GForge 4.5.11 Released**
Timothy Perdue
2006-04-14
 - GForge 4.5.11 has been released with a number of minor fixes. See the Changelog for details.
https://gforge.org/frs/?group_id=1

Figure 2-1. GForge Home

❖ **Note:** Use the Quick Jump To drop-down list box to display a specific tab.

2.1 Getting Started

This is a simply overview of how to begin using GForge. First you register yourself as a user and if necessary you register your Project.

2.2 Translations

Click the Translation Project link to download the translation files for Traditional Chinese, Simplified Chinese, French, Spanish, Korean, and English to create and share your Project with other people.

2.3 Eclipse, Visual Studio, MS Project Plugins, and Documentation

Click the Online Store link to purchase the GForge documentation and additional plugins, such as Eclipse, Visual Studio, and MS Project.

2.4 Running a Public Website or OSS Project

Click the Apply with GForge Group to acquire a free, unlimited license from the GForge Group if your organization is a Public Website, Charity, or Open Source Projects., Charity

2.5 Recent News

The Recent News links displays the news about GForge, a specific Project, or an event. You can acquire additional information by clicking the associated links.



Figure 2-2. Recent News

❖ **Note:** Refer to Section 13, News concerning additional News information.

2.6 Activity

Displays a visual graph of the Project's progress.

2.7 Recently Registered Projects

Displays the Projects that have been registered in the last week. Click the link to display the Project Summary tab. Refer to Section 7, Project Summary.

Recently Registered Projects	
(2006-04-28)	kjdkfid <> ' " &
(2006-04-28)	testproject
	787545
(2006-04-28)	Full Admin Test
(2006-04-27)	Scott Test
	Project 2
(2006-04-27)	Scotts Test
	Project
(2006-04-24)	Test Project 7
(2006-04-09)	Test Project 5
(2006-04-03)	timtestsvn
(2006-04-03)	timtestcvs
(2006-04-03)	TestProject

Figure 2-3. Recently Registered Projects

2.8 Top Project Downloads

Displays the Projects that have been downloaded the most in the last week. Click the link to display the Project Summary tab. Refer to Section 7, Project Summary.

Top Downloads	
(79211)	GForge
(7588)	Mod Auth GForge
(2875)	Demo Project 1
(1627)	
(1357)	GForge Wiki Plugin
(1326)	SCM Add-on Plugins
(1099)	Demo Project 3
(906)	GForge Plugins
(540)	Command Line Interface
(184)	TinderBox for GForge

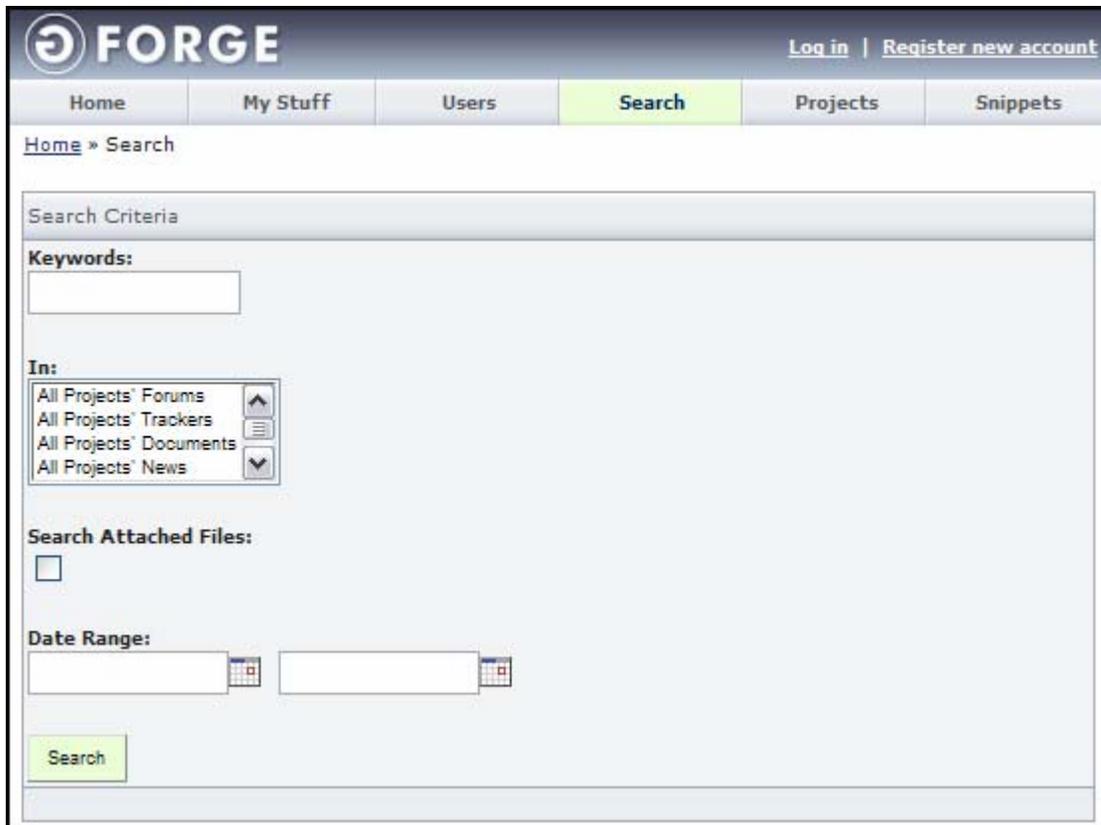
Figure 2-4. Top Project Downloads

2.9 Support and Docs

Provides links to user documentation, forums, support projects, and commercial plug-ins for expanded development capabilities.

2.10 Site Search

The Site Search screen allows you to search the entire site for Projects and further filter results for Forums, Trackers, Documents, News, File Releases, Mailing Lists, and Wiki pages. Click the Search button in the main menu bar to start a site search.



The screenshot shows the GForge website's search interface. At the top, the GForge logo is on the left, and 'Log in' and 'Register new account' links are on the right. Below this is a navigation menu with 'Home', 'My Stuff', 'Users', 'Search' (highlighted in green), 'Projects', and 'Snippets'. The main content area is titled 'Home » Search' and contains a 'Search Criteria' section. This section includes a 'Keywords:' text input field, an 'In:' dropdown menu with options: 'All Projects' Forums', 'All Projects' Trackers', 'All Projects' Documents', and 'All Projects' News', a 'Search Attached Files:' checkbox, and a 'Date Range:' section with two date input fields and calendar icons. A green 'Search' button is located at the bottom left of the search criteria area.

Figure 2-5. Site Search

Keywords – Enter the Keyword on which you desire to search.

In – Select if you desire to filter the search results based on a GForge module. Use the <Shift> and <Ctrl> keys to select multiple modules.

Search Attached Files – Select this checkbox to search any files that may be attached to the records that are returned by the search.

Date Range – Enter a start and end date to limit the search to include only the dates you enter.

Section 3 – My Stuff

The My Stuff tab displays information about lists of Assigned Tracker Items, Submitted Tracker Items, Projects of which you are a member, your account information, Change Password form, Change E-mail address form, Plugins, Edit SSH Keys, and the ability to Register a Project.

Home » My Stuff » My Page

My Queue

Id	Summary	Priority	
3258	Integration Testing / Use Case Testing	3	remove
3257	Development: Team3 / Module 3	3	remove

Save Queue

Assigned Tracker Items | Submitted Tracker Items | Projects

Project	Tracker	Id	Priority	Summary
Demo Project 1	Doc Update2	3258	3	Integration Testing / Use Case Testing
		3257	3	Development: Team3 / Module 3
		3256	3	Development: Team2/Module2
		3255	3	Development: Team1 / Module1
		3254	3	Modules Team Assignments / WBS
		3253	3	Module specifications / Use cases development
		3252	3	Systems Architecture / Modules Analysis
		3251	3	Resources Allocation / Team Assembly
		3250	3	Project Planning
GForge Documentation Update	Feature Requests	3185	3	TOC Update

Figure 3-1. My Stuff Tab

3.1 My Queue

You can add Assigned Tracker Items to the My Queue frame to assist in you in viewing what Task and Issues are assigned to you.

3.1.1 Adding Tracker Items to Your My Queue

To add a Task or Issue to your My Queue:

1. Click the **My Stuff** tab.
2. Click the **Assigned Tracker Items** tab.
3. Select the Tracker Task or Issue in the **Summary** field.
4. Drag and drop the Summary Tracker Task or Issue into the **My Queue** frame.
5. Click the **Save Queue** button.

3.1.2 Deleting Tracker Items From Your My Queue

To remove a Tracker Task or Issue from your My Queue, click the Remove link next to the Tracker Item in the My Queue frame.

3.1.3 Saving Your Tracker Items in My Queue

To save the Tracker Items in My Queue, click the Save Queue button.

3.2 My Stuff Tracker Items and Projects

My Stuff Tracker Items and Projects tabs in My Stuff displays all Tracker Items assigned to you or have submitted and Project to which you belong.

3.2.1 Assigned Tracker Items Tab

Assigned Tracker Items tab displays information about all Tracker Items to which you are assigned. Refer to Figure 3-1.

Project – Project with which this Tracker Item is associated.

Tracker – A brief description of the Tracker Item.

ID – Identification number associated with the Tracker Item.

Priority – Priority assigned to this Tracker Item.

Summary – Detailed summary of this Tracker Item.

3.2.2 Submitted Tracker Items Tab

This tab displays Tracker Items submitted by the currently logged in user.

The screenshot shows the GForge user interface. At the top, there is a navigation bar with 'Home', 'My Stuff' (selected), 'Users', 'Search', 'Projects', and 'Snippets'. Below this is a sub-menu with 'My Stuff', 'Monitoring', 'Dashboard', 'Activity', 'Gantt Chart', and 'Monitored forums'. The main content area is titled 'My Queue' and contains a table with two items:

Id	Summary	Priority	
3258	Integration Testing / Use Case Testing	3	remove
3257	Development: Team3 / Module 3	3	remove

Below the 'My Queue' table is a 'Save Queue' button. The main section is titled 'Submitted Tracker Items' and contains a table with the following data:

Project	Tracker	Id	Priority	Summary
Demo Project 1	Documentation Tracker	3180	1	Doc update
		3133	3	Update TOC
		3125	3	Test tracker item 2
		3124	3	Test tracker item 1
		1503	3	GForge User Manual
		1502	5	GForge Admin Manual
GForge Documentation Update	Support Requests	1372	3	Install array
		1371	3	tawni's test
		3186	3	Index Update
	Feature Requests	3185	3	TOC Update

Figure 3-2. Submitted Tracker Items

Project – Project with which this Tracker Item is associated.

Tracker – A brief description of the Tracker Item.

ID – Identification number associated with the Tracker Item.

Priority – Priority assigned to this Tracker Item.

Summary – Detailed Summary of this Tracker Item.

❖ **Note:** Click to display details about the Tracker Item.

3.2.3 Projects Tab

The Projects tab of the My Stuff page displays all Projects in which the user is a member.

The screenshot shows the Forge user interface. At the top, the 'FORGE' logo is on the left, and a 'Quick Jump To...' dropdown is on the right. The user is logged in as 'Tawni Plath (tawniplath)'. The navigation bar includes 'Home', 'My Stuff' (highlighted), 'Users', 'Search', 'Projects', and 'Snippets'. Below the navigation bar, there are sub-tabs: 'My Stuff', 'Monitoring', 'Dashboard', 'Activity', 'Gantt Chart', and 'Monitored forums'. The main content area shows a breadcrumb 'Home > My Stuff > My Page' and a sidebar with options like 'My Stuff', 'My Account', 'Change Password', 'Change Email', 'Plugins', 'Edit SSH Keys', and 'Register Project'. The main section is titled 'My Queue' and contains a table with the following data:

Id	Summary	Priority	
3258	Integration Testing / Use Case Testing	3	remove
3257	Development: Team3 / Module 3	3	remove

Below the table is a 'Save Queue' button. At the bottom, there are tabs for 'Assigned Tracker Items', 'Submitted Tracker Items', and 'Projects'. The 'Projects' tab is active, showing a list of projects:

My Projects	
GForge Documentation Update	Leave this project
Demo Project 1	Leave this project

Figure 3-3. Projects Tab

My Projects – Displays a list of all the Projects to which you belong.

Leave this Project – Click to be removed from a Project.

3.2.3.1 Leaving a Project

To remove yourself from a Project:

1. From within the My Stuff > Projects tab select **Leave this Project**.
2. Click the **Remove Me From This Project** checkbox.
3. Click the **Delete** button.

The screenshot shows the 'Remove From Project' page in the Forge user interface. The navigation bar and sidebar are the same as in Figure 3-3. The main content area shows a breadcrumb 'Home > My Stuff > Remove From Project'. The title is 'Remove From Project'. Below the title, there is a checkbox labeled 'Remove me from this project' which is checked. Below the checkbox is a 'Delete' button.

Figure 3-4. Remove Me

3.3 My Account

The My Account screen of My Stuff enables you to edit your account information.

The screenshot shows the GForge web interface. At the top, there is a navigation bar with tabs for HOME, MY STUFF (highlighted), USERS, PROJECTS, and SNIPPETS. The user is logged in as Scott Rubin (scottrubin). The main content area is titled 'Edit User' and contains the following fields:

- User Name (alphanumeric):** scottrubin
- Title:** VP
- First name*:** Scott
- Last name*:** Rubin
- Timezone:** US/Central
- Email:** noreply@gforge.org (with a 'Change Email' link)
- Address:** 113 NE 2nd Stuart, IA 502
- Address:** (empty field)
- Phone:** 515-555-5555
- Fax:** 515-555-5555
- Country:** UNITED STATES
- Select your language:** English
- Theme:** GForge 5 default theme

A 'Save changes' button is located at the bottom of the form.

Figure 3-5. My Account

User Name – Unique user name to Login and access the CDE system. Do not use spaces or capital letters. Typically, your User Name is a combination of your name and your surname, such as jdoe for John Doe. A User Name cannot match an existing system user account, such as “root.”

Title – Current job Title or position.

First name – Enter your First name.

Last name – Enter your Last name.

Timezone – Time zone in which you reside. By default, Greenwich Mean Time (GMT) is selected. All dates display relative to the Timezone selected.

Address – Your current address.

Address – Additional address information, such as a Post Office (PO) Box number.

Phone – Your current telephone number.

Fax – Your current facsimile number.

Country – Country in which you reside.

Select your Language – Language in which GForge displays including how local specific data appears, such as dates.

Theme – Theme in which the CDE screens display.

Save Changes – Click Save Changes after entering all required information.

3.4 Change Password

The Change Password screen in the My Stuff tab enables you to change your user password.

The screenshot shows the GForge web interface. At the top, there is a navigation bar with 'FORGE' on the left and 'Quick Jump To...' on the right. Below this is a secondary navigation bar with tabs for 'Home', 'My Stuff', 'Users', 'Search', 'Projects', and 'Snippets'. The 'My Stuff' tab is active. On the left side, there is a sidebar menu with options: 'My Stuff', 'My Account', 'Change Password', 'Change Email', 'Plugins', 'Edit SSH Keys', and 'Register Project'. The main content area is titled 'Change Password' and contains three text input fields: 'Old Password', 'New Password (at least 6 chars)', and 'New Password (repeat password)'. Below these fields is a green 'Update Password' button. The top right corner of the page indicates the user is logged in as 'Tawni Plath (tawniplath)' with a 'Log out' link.

Figure 3-6. Change Password

Old Password – Old Password you are changing.

New Password (at least 6 chars) – New Password to which you are changing.

New Password (repeat password) – Repeat the New Password.

Update Password – Submits the changes to the system.

3.5 Change E-Mail

The Change E-Mail screen in the My Stuff page enables you to change the e-mail address in the system. You must click the link in the e-mail sent from the system to complete the changes.

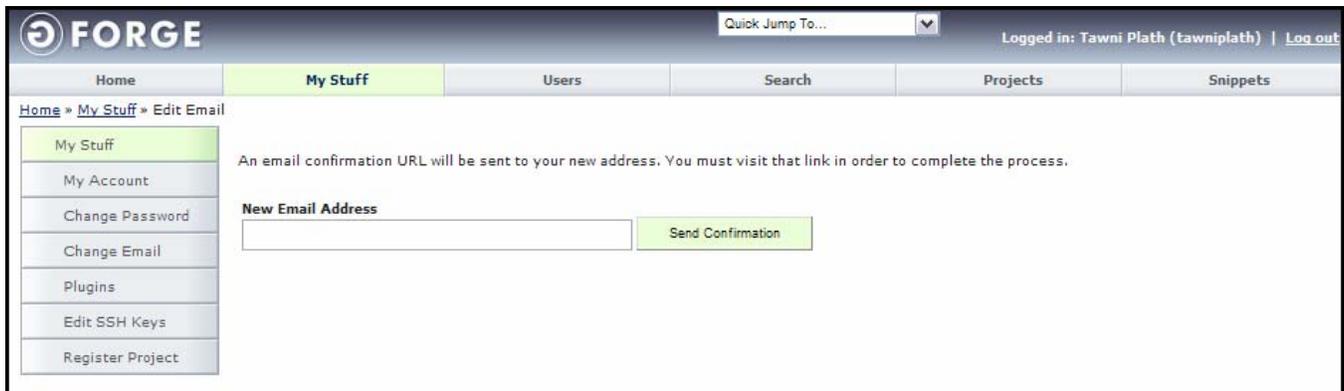


Figure 3-7. Change E-mail

New E-mail Address – New e-mail address which to send GForge notifications.

Send Confirmation – Sends a confirmation e-mail to the new e-mail address.

3.6 Plugins

User level Plugins are used to add additional functionality to the CDE.

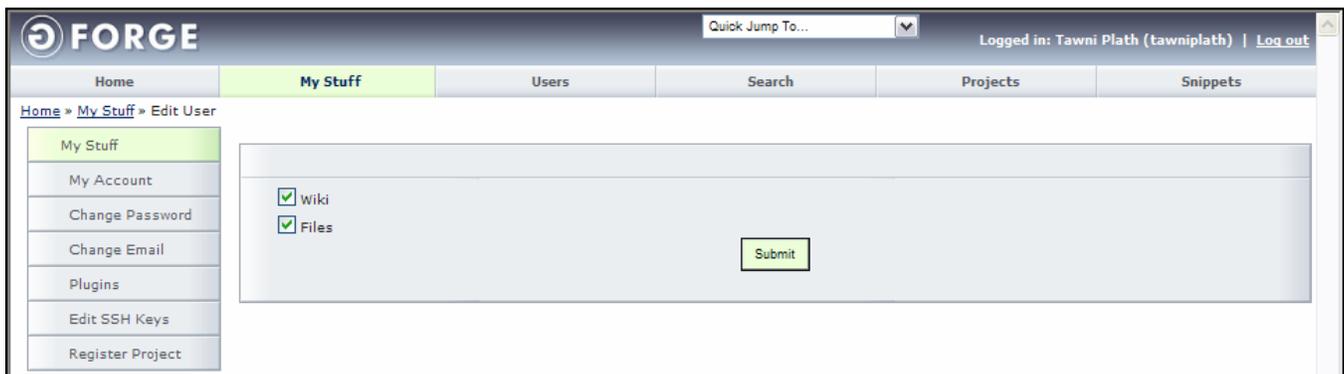


Figure 3-8. Plugins

Wiki – A Wiki is a site where everyone can collaborate on the content and modify the pages developed by another programmer. Select to use wikis.

Files – Select to allow the Files exchange plug-in to be installed. Select to use files.

Submit – Submits the changes to the GForge system.

3.6.1 Edit SSH Keys

Use SSH (Secure Shell) to secure the connection to the CVS server. When you upload an SSH key, it is placed onto the CVS server by GForge. Once the key is placed on the server, you can connect to the CVS server to check out or check in (commit) code without a password.

Please refer to the SSH documentation for information on generating and using SSH keys.

❖ **Note:** Subversion does not require an SSH key, so it is much easier to configure and use.

To download a SSH key:

1. Click the **My Stuff** tab.
2. Click the **Edit SSH Keys** link.
3. Enter your **SSH key** in the frame.
4. Click the **Submit keys** button.

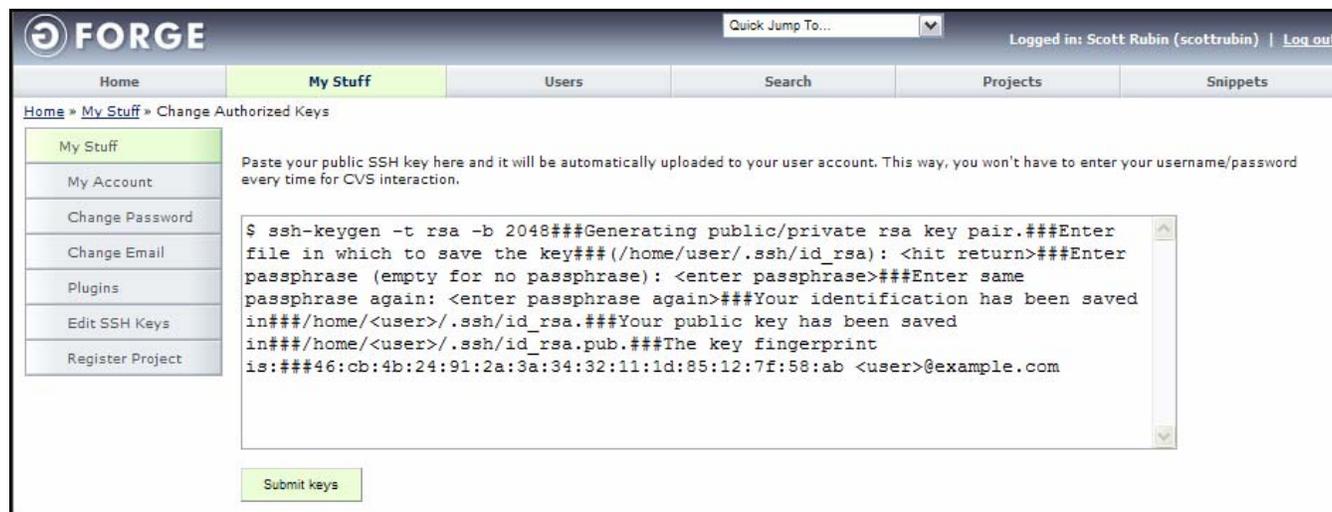


Figure 3-9. Edit SSH Keys

3.7 Register Project

Some GForge sites limit registering new Projects to Administrators. If this is the case, contact your Administrator to register a new Project.


Quick Jump To:
Logged in: Tawni Plath (tawniplath) | [Log out](#)

[Home](#) » [Add new Project](#)

Please fill in basic information about the new project.

Project full name *

Your project's full name describes your project.

Full name:

Project Purpose

The project purpose will be used for approving or rejecting your project.

Project Public Description *

This description will be shown in your project's main page

Project UNIX Name *

The project unix name can only contain alphanumeric characters.

Homepage URL

(URL description):

Template project

Choose a project to clone to base your new project off of.

Template Project:

Trove categorization

You must categorize your project in Trove so others can find the project in the trove tree.

Development Status

1 - Planning

License

Apache Software License

Operating System

AIX
 BeOS
 BSD
 BSD-OS
 FreeBSD
 GNU Hurd
 HP-UX
 IRIX
 Linux
 MacOS

Spoken Language

English
 French
 German
 Japanese
 Russian
 Spanish

Programming Language

Ada
 APL
 ASP
 Assembly
 Assembly
 C
 C#
 C++
 Cold Fusion
 Delphi/Kylix

Topic

3D Modeling
 3D Rendering
 Accounting
 Analysis
 AOL Instant Messenger
 Archiving
 Artificial Intelligence
 Astronomy
 Authentication/Directory
 Backup

Intended Audience

Developers
 End Users/Desktop
 Other Audience
 System Administrators

Figure 3-10. Register Project

Project Full Name – Name of the Project up to 40 characters.

Project Purpose – Reason the Project is being developed.

Project Public Description – A public description of your Project. This description will be shown in your Project's main page.

Project UNIX Name – Enter the Project's UNIX name using the following the rules:

- ◆ Name cannot match the UNIX Name of any other Project.
- ◆ Name must be at least three characters, but not greater than 15 characters in length.
- ◆ Name must be lowercase.
- ◆ Only characters, numbers, and dashes can be used.
- ◆ Name must be a valid UNIX username.
- ◆ Name cannot match any reserved domains.
- ◆ Name cannot be changed after a Project is registered.

Homepage URL – Location of your homepage for this Project.

Template Project – Template on which this Project is based.

Trove Categorization – Category this Project will be listed. Refer to Section 5, Projects.

Development Status – Current status of your Project.

License – Select a License for your software. If you selected Other/Proprietary License, provide an explanation along with a description of your license.

- ❖ **Note:** Other licenses may not be approved and it may take additional time to make a decision for such Projects. All licenses must be compatible with the OpenSource definition.

Operating System – Operating system for which your Project is created.

Spoken Language – Language for which your Project is created.

Programming Language – Programming language in which your Project is written.

Topic – Basic topic about your Project.

Intended Audience – Audience your Project is intended.

Submit – Submits your Project for approval.

- ❖ **Note:** The site administrator must approve your Project before you can access it. When the Project is approved, you receive an E-mail from GForge confirming the Project is active.

3.8 Monitoring

Select Monitoring in the My Stuff tab to view the Forums, Documents, Wiki pages, File Packages, Sites, and Trackers you are currently monitoring or to stop monitoring any item.

The screenshot shows the GForge Monitoring interface. At the top, there's a navigation bar with 'My Stuff' highlighted. Below it, a sub-menu shows 'Monitoring' selected. The main content area is divided into several sections:

- Project Forum:** A table with columns 'Project' and 'Project Forum'. It shows 'No Monitored Project Forums'.
- Trackers:** A table with columns 'Project', 'Trackers', and 'Stop monitoring'. It lists 'Demo Project 1' with 'Documentation Tracker' and 'Mod Auth GForge' with 'Bugs'.
- Documents:** A table with columns 'Project' and 'Documents'. It shows 'You are not monitoring any documents'.
- Packages:** A table with columns 'Project' and 'Packages'. It shows 'No Monitored Packages'.
- Wiki pages:** A table with columns 'Project', 'Wiki pages', and 'Stop monitoring'. It lists 'Demo Project 1' with 'NewWikiPage'.
- Site Notification:** A table with columns 'Site Notification' and 'Enable'. It shows 'Disabled'.

Figure 3-11. Monitoring

Project – Name of the Project.

Project Forum – Name of the Project Forum.

Trackers – Name of the Project Tracker Item.

Documents – Name of the Project Document (File).

Packages – Name of the Project Packages.

Site Notification – Whether Site Notification is enabled or disabled. If enabled, you receive an e-mail whenever a site administrator generates a sitewide notification (site news or downtime notification for example).

Stop Monitoring – Click to end the monitoring of the options.

3.9 Dashboard

Dashboard displays Open Tracker Items, Average age of Tracker Items, and Tracker statistical information for Projects that you are a member of. You can also choose to filter by a specific Project and/or just items that you submitted or were assigned.

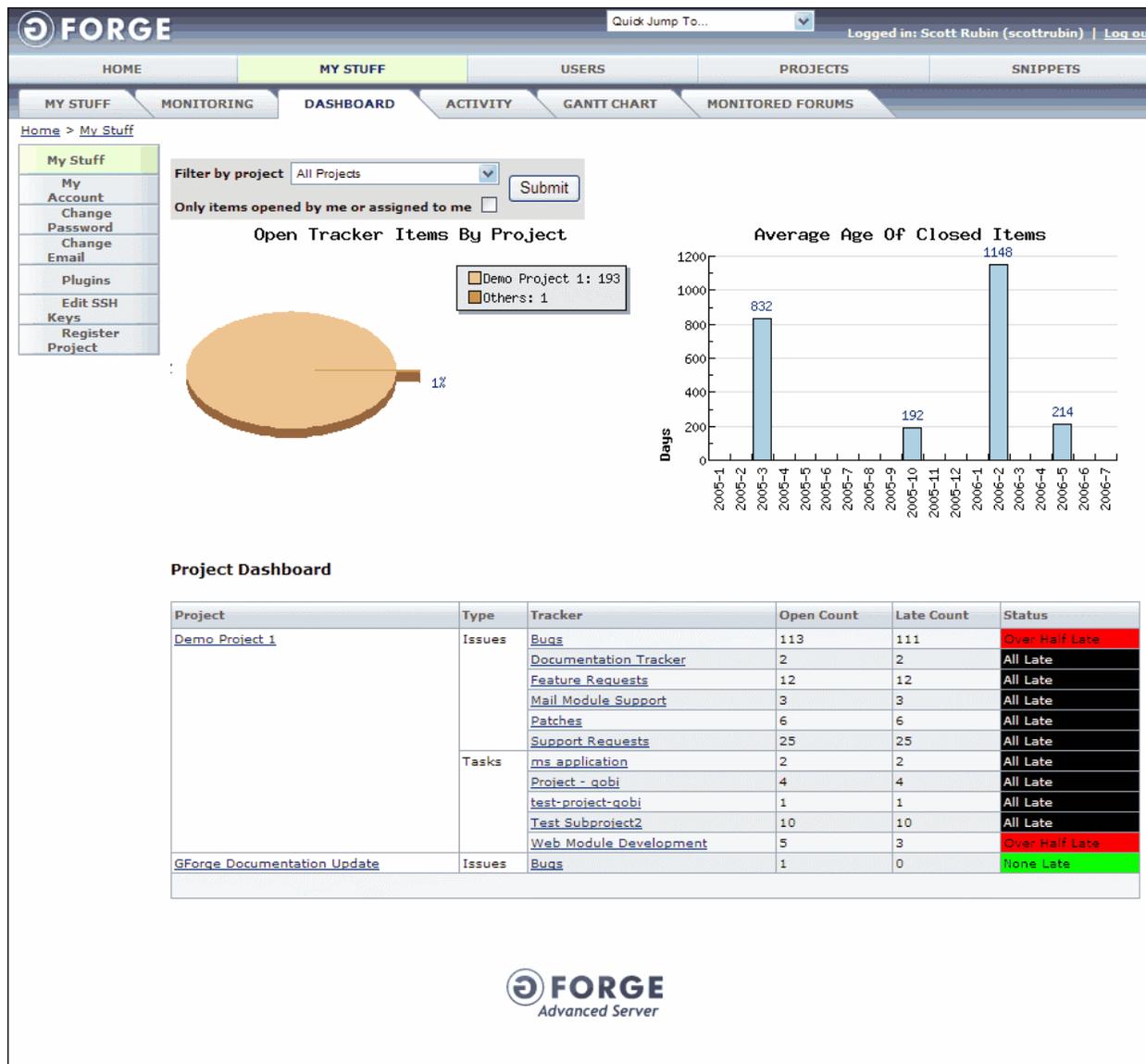


Figure 3-12. Dashboard

Filter by Project – Displays items from the selected Project.

Only Items opened by me or assigned to me – Filter so only Tracker Items opened by the currently logged in user or assigned to the currently logged in user.

Submit – Updates the Dashboard screen.

Open Tracker Items By Project – Displays a pie chart with the open Tracker Items by Project.

Average Age of Closed Items – Displays a chart with the Average Age of Closed Tracker Items.

Project – Name of the Project with which this Tracker Item is associated.

Type – Type of Tracker Item.

Tracker – Name of the Tracker Item.

Open Count – Number of Open Tracker Items.

Late Count – Number of Late Tracker Items.

Status – Status of the Tracker Item.

3.10 Activity

Activity displays the activity the current user has generated across all of your Projects. You can filter activities by activity date or type of activity.

The screenshot shows the GForge web interface. The user is logged in as Scott Rubin. The 'MY STUFF' tab is active, and the 'ACTIVITY' sub-tab is selected. A filter form is visible with the following fields:

- Filter By Project:** A dropdown menu set to 'All Projects'.
- Activity Type:** A list of activity types: Commit, Tracker Item Opened, Tracker Item Closed, Tracker Item Modified, and Forum Post.
- Start Date:** A date field set to 'Jun 29 2006' with a calendar icon.
- End Date:** A date field set to 'Jul 29 2006' with a calendar icon.
- Submit:** A button to apply the filters.
- Only show my activity:** An unchecked checkbox.

Below the filter form is a table of activity logs:

Time	Activity Type	Project	By
2006-Jul-28			
12:07:12	Tracker Item Opened: Docs out of date	GForge Documentation Update	Scott Rubin
2006-Jul-21			
12:07:09	Tracker Item Modified: GForge Admin Manual	Demo Project 1	Scott Rubin
12:07:09	Tracker Item Modified: GForge User Manual	Demo Project 1	Scott Rubin
2006-Jul-10			
11:07:50	Tracker Item Modified: foobar	Demo Project 1	Matt Diephouse
07:07:33	Forum Post: test thread	Demo Project 1	Timothy D Perdue
2006-Jul-06			
12:07:58	Tracker Item Opened: Test Summary	Demo Project 1	Timothy D Perdue
12:07:02	Tracker Item Opened: Testing entering an item	Demo Project 1	Timothy D Perdue
11:07:30	Tracker Item Opened: Testing Summary	Demo Project 1	Timothy Perdue

Figure 3-13. Activity

Filter By Project – Select a Project to filter the results to display only the Project's data.

Activity Type – Type of Activities to display.

Start Date – Starting date of the displayed Activities.

End Date – Ending date of the displayed Activities.

 – Click the Calendar icon to view a pop-up calendar displaying dates.

Only show my activity – Report only on your activities and not all the developers.

Submit – Displays changes made to the Activity filters.

Time – Time the Activity was created.

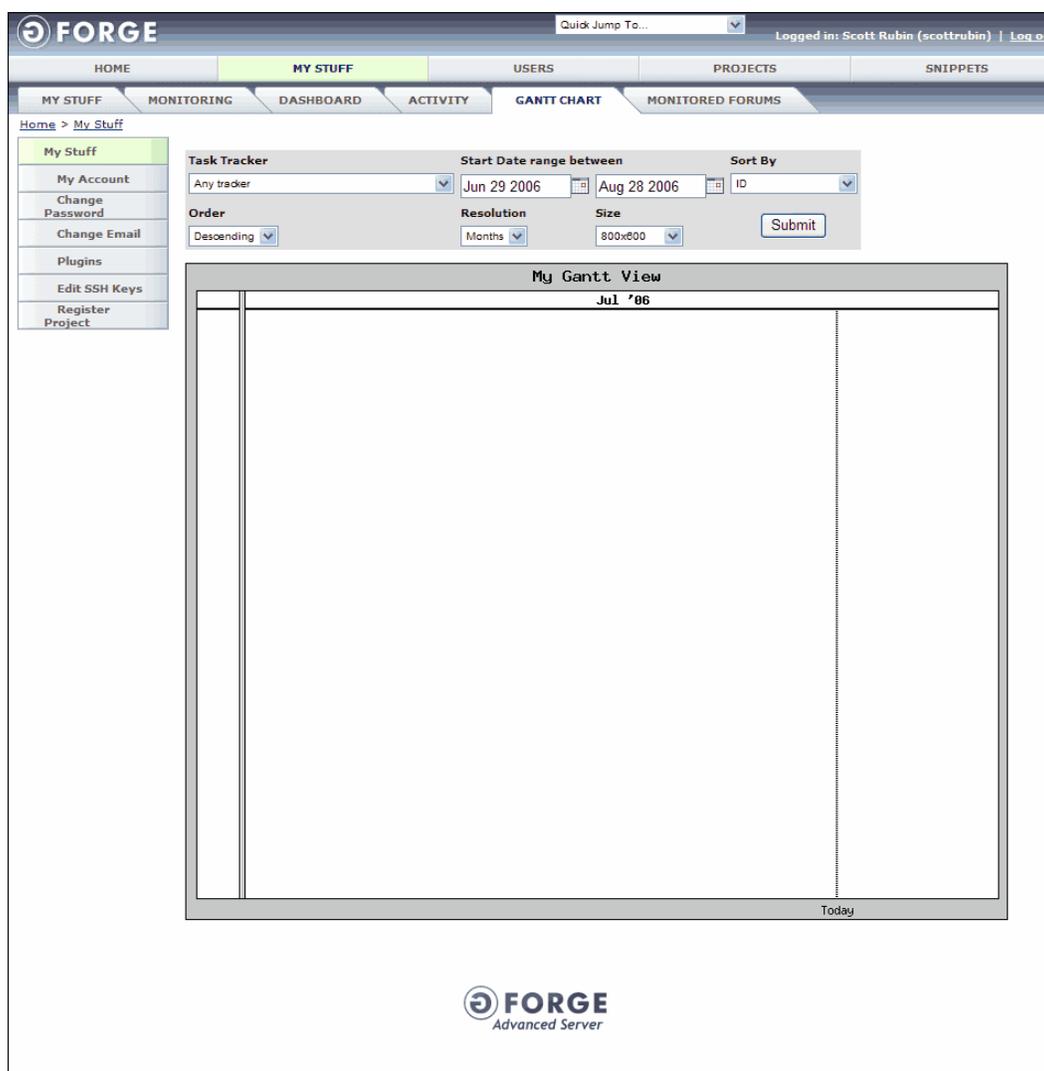
Activity Type – Description of the Activity.

Project – Project associated with the Activity.

By – Indicates who performed the Activity.

3.11 Gantt View

Gantt View displays your tasks in a Gantt view. Tracker Items can be sorted and filtered for additional flexibility.



The screenshot shows the GForge web interface. At the top, the 'FORGE' logo is on the left, and 'Quick Jump To...' and 'Logged in: Scott Rubin (scottrubin) | Log out' are on the right. Below this is a navigation bar with tabs: HOME, MY STUFF (highlighted), USERS, PROJECTS, and SNIPPETS. Under 'MY STUFF', there are sub-tabs: MY STUFF, MONITORING, DASHBOARD, ACTIVITY, GANTT CHART (highlighted), and MONITORED FORUMS. A left sidebar contains a 'My Stuff' menu with options: My Account, Change Password, Change Email, Plugins, Edit SSH Keys, Register, and Project. The main content area is titled 'Task Tracker' and includes a 'Start Date range between' filter with dates 'Jun 29 2006' and 'Aug 28 2006', a 'Sort By' dropdown set to 'ID', and an 'Order' dropdown set to 'Descending'. There are also 'Resolution' (Months) and 'Size' (800x600) filters, and a 'Submit' button. Below the filters is a large empty box titled 'My Gantt View' with the date 'Jul '06' at the top and 'Today' at the bottom. The FORGE logo and 'Advanced Server' text are at the bottom center of the page.

Figure 3-14. Gantt View

Task Tracker – Select which of Tracker to display.

Start Date Range Between – The Start date of the Tracker Item will be between selected range.

Sort By – The column to sort by.

Order – Sorts ascending or descending.

Resolution – Resolution of the Gantt View. Displays Days, Weeks, or Months.

Size – Size of the Gantt View.

Submit – Submits the changed filter criteria.

3.12 Monitored Forums

Displays a list of all Forums that you are monitoring.

Project	Forum	Latest updated threads	Last post
Demo Project 1	open-discussion2	test post edited	2006-03-15 11:14:41 by Timothy Perdue
		test	2005-11-16 04:46:21 by Sung Min Kyung
		Testing New Threads	2005-11-01 13:22:37 by Timothy Perdue
		Test Thread	2005-10-26 21:34:01 by Timothy Perdue
		Please note that the person you are trying to contact is no longer employed by Towry Law International.	2005-06-27 19:38:10 by Tawni Plath
TinderBox for GForge	open-discussion	Template Documentation Management Plugin	2006-02-13 13:10:18 by Timothy Perdue
		User Doc uploaded	2005-04-19 21:41:04 by Francisco Gimeno
		Supporting Tree Name	2005-04-19 11:38:27 by Francisco Gimeno
		Code	2005-04-19 11:31:50 by Francisco Gimeno
		Another milestone finished	2005-03-29 22:36:04 by Francisco Gimeno
		help	2005-03-28 18:09:21 by Christian Bayle

Figure 3-15. Monitored Forums

Project – Name of the Project you are monitoring.

Forum – Name of the Forum you are monitoring.

Latest uploaded threads – Last title of the thread that was uploaded.

Last post – Date, time, and user name of the person who uploaded the thread.

3.13 User Wiki

User Wiki are pages that can be shared where everyone can collaborate on the content and modify the pages created by you.

Refer to Section 25, Wiki.

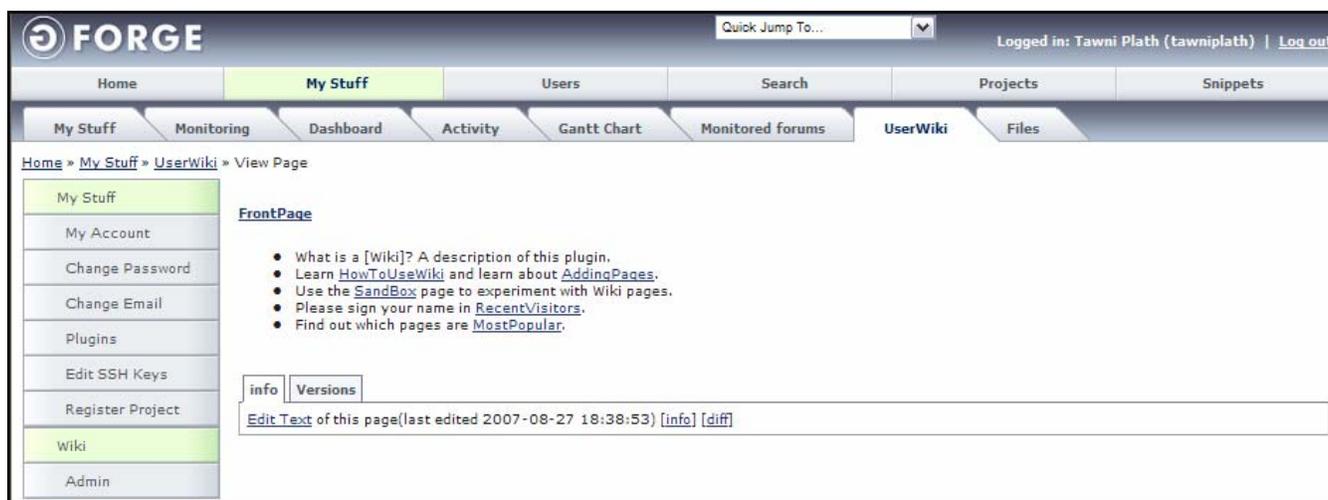


Figure 3-16. User Wikis

3.14 Files

Displays a list of that have been uploaded by the current user and which will be displayed on the user's profile page. Other users can then access these files and download them.

❖ **Note:** Plugins must be selected for user Files to be available.

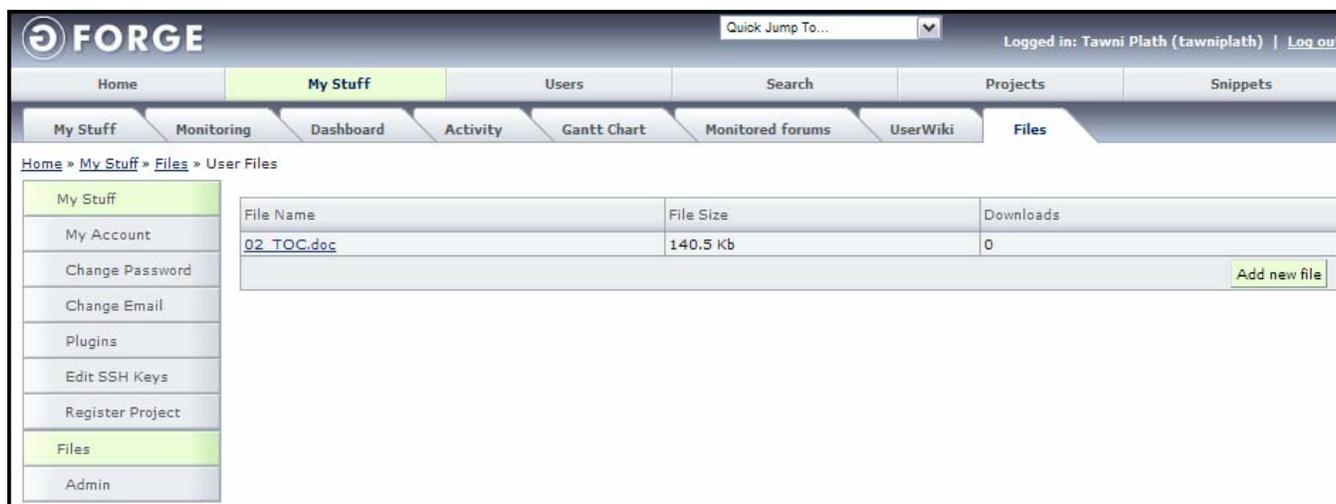


Figure 3-17. User Files

File Name – Name of the uploaded file.

File Size – Size of the uploaded file.

Downloads – Number of times the file has been downloaded.

Add New File – Adds a New File to the User Files screen.

3.14.1 Adding a New User File

To add a new User File:

1. **Login** to GForge.
2. Click the **My Stuff** tab.
3. Click the **Plugins** tab.
4. Select the **Files** checkbox.
5. Click the **Submit** button.
6. Click the **User Files** tab.
7. Click the **Add new file** link.

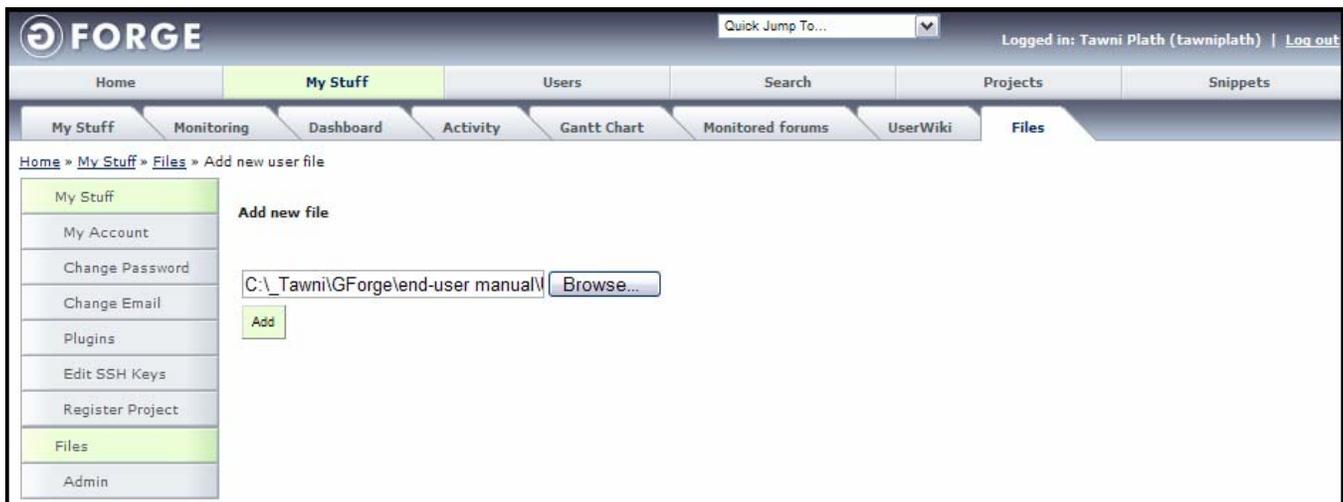


Figure 3-18. Add User File

8. Click the **Browse** button.
9. **Navigate** to the file you are adding and click **Open**.
10. Click the **Add** button.

3.14.2 Deleting a User File

To delete a User File:

1. **Login** to GForge.
2. Click the **My Stuff** tab.
3. Click the **Files** tab.
4. Select the **Admin** link.
5. Click **Delete** next to the User File you desire to delete.
6. Select the **Delete File** checkbox.
7. Click the **Delete** button.

Section 4 – Users

Select the Users tab to display a search box for users. Once a particular user is selected, a User Summary page displays with additional information and another row of tabs.

Quick Jump To...
Logged in: Tawni Plath (tawniplath) | Log out

Home My Stuff **Users** Search Projects Snippets

Home » Search

scott Search

Enter * to return all

User Name (alphanumeric)	User Name
scott	Scott Alexander
pascott	paul scott
sas4z	Scott Stafford
geekster	Scott Leonard
scottioy	Scott Joy
scnoble	Scott Noble
finkelscott	scott finkel
gose	Scott Gose
scottbird7	Scott Armstrong
sfrancis	Scott Francis
wscott	Wayne Scott
synergistic	Scott C
dingo	scott kamp
slacroix	Scott LaCroix
kilroy	F. Scott Kilroy
morriqun99	Scott Morrison
lucvscott	lucy scott
smitting	Scott Mitting
scottpeterson	scott peterson
srsqforce	Sean Scott

Figure 4-1. Users

Search Field – Enter the criteria for your search.

❖ **Note:** Enter “*” to view all users.

Search Button – Executes your search.

User Name (alphanumeric) – Login name of the user based on UNIX naming conventions.

User Name – User Name of the person.

4.1 User Summary

Click on the User Name to display a summary of that user.

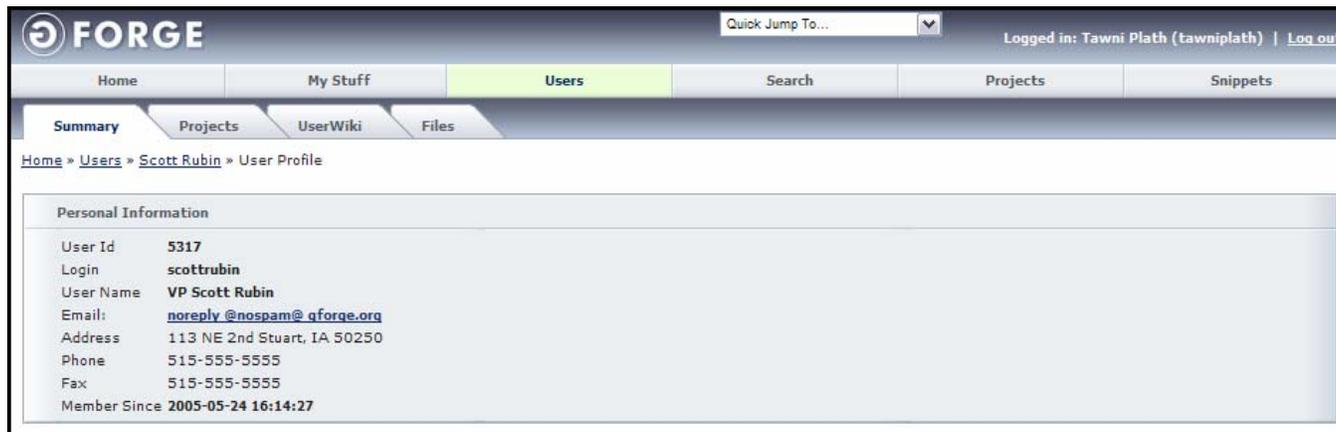


Figure 4-2. Users Summary

User Id – Unique identification number of the user.

Login – UNIX Login name.

User Name – Name of the user.

E-mail – E-mail address of the user.

Address – Address of the user.

Phone – Telephone number of the user.

Fax – Fax number of the user.

Member Since – Date this user was created.

4.2 User Projects

User Projects displays all Projects in which the user is a member.



Figure 4-3. Users Projects

Member of – Projects in which this user is a member.

4.3 User Wiki

User Wiki are pages that can be shared where everyone can collaborate on the content and modify the pages created by you.

Refer to Section 25, Wiki.



Figure 4-4. User Wiki

4.4 Files

Each user can choose to enable the User Files plug-in and upload files to be shared with other users. These files are showed on their profile in the User Files tab.

Refer to Section 3, My Stuff concerning User Files.



Figure 4-5. User Files

File Name – Name of the uploaded file.

File Size – Size of the uploaded file.

Downloads – Number of times the file has been downloaded.

Section 5 – Projects

The Project tab is used to search for and view Projects. You can select and view Projects from within the Projects tab.

The screenshot shows the GForge web interface. At the top, there is a navigation bar with tabs for Home, My Stuff, Users, Search, Projects (highlighted), and Snippets. Below the navigation bar, the page title is "Home » Browse Projects". The main content area is titled "Search projects by category" and lists several categories with their respective project counts and subcategory counts. The categories listed are: Development Status, License, Operating System, Spoken Language, Programming Language, Topic, and Intended Audience. The Topic category is expanded, showing subcategories like Desktop Environment, Software Development, Multimedia, Text Editors, Security, Scientific/Engineering, Games/Entertainment, System, Database, Communications, Office/Business, Other/Nonlisted Topic, Terminals, and Internet. Below the categories, a message states "0 project(s) in result set". A table with columns "Full name", "Description", and "Trove categorization" is shown, but it is empty. At the bottom, there is a search box and a "Search" button. The GForge logo and "Advanced Server" text are visible at the bottom of the page.

Search projects by category

- Development Status
- License
- Operating System
- Spoken Language
- Programming Language
- Topic
 - Desktop Environment [Show] [Add Filter] (1 project(s), 0 project(s) in subcategories)
 - Software Development [Show] [Add Filter] (1 project(s), 2 project(s) in subcategories)
 - Multimedia [Show] [Add Filter] (0 project(s), 5 project(s) in subcategories)
 - Text Editors [Show] [Add Filter] (0 project(s), 2 project(s) in subcategories)
 - Security [Show] [Add Filter] (1 project(s), 0 project(s) in subcategories)
 - Scientific/Engineering [Show] [Add Filter] (1 project(s), 0 project(s) in subcategories)
 - Games/Entertainment [Show] [Add Filter] (3 project(s), 0 project(s) in subcategories)
 - System [Show] [Add Filter] (0 project(s), 3 project(s) in subcategories)
 - Database [Show] [Add Filter] (1 project(s), 1 project(s) in subcategories)
 - Communications [Show] [Add Filter] (2 project(s), 0 project(s) in subcategories)
 - Office/Business [Show] [Add Filter] (0 project(s), 2 project(s) in subcategories)
 - Other/Nonlisted Topic [Show] [Add Filter] (1 project(s), 0 project(s) in subcategories)
 - Terminals [Show] [Add Filter] (0 project(s), 1 project(s) in subcategories)
 - Internet [Show] [Add Filter] (0 project(s), 3 project(s) in subcategories)
- Intended Audience

0 project(s) in result set

Full name	Description	Trove categorization
No projects were found in this category		

Search for projects in all categories

Enter * to return all
To search for projects, please enter the criteria in the text box and press "Search" to get the results

GForge
Advanced Server

Figure 5-1. Projects

Search Projects by Category – View Projects by their Trove Categorization.

Full Name – Name of the Project. Click to view the Project details.

Description – Description of the Project.

Trove Categorization – Category to which the Project is assigned. Refer to Section 5.1, Trove Categorization, on page 5-2.

Search for Projects in all Categories – Search for Projects in all categories.

Search Field – Enter the criteria for your search and click the **Search** button. Enter “*” to view all Projects.

5.1 Trove Categorization

Trove Categorization displays details associated with the currently selected Project. Project Types are setup by the Project Administrator.



Figure 5-2. Trove Categorization

Development Status – Current status of the Project and number of Projects with that status.

- ◆ **1 - Planning** – Project is in planning stage and coding has not yet started.
- ◆ **2 - Pre-Alpha** – Coding has begun, but the application is not functional.
- ◆ **3 - Alpha** – Parts of the application are functional.
- ◆ **4 - Beta** – Application is complete and in testing stage.
- ◆ **5 - Production / Stable** – Application is in production and bugs are being collected.
- ◆ **6 - Mature** – Application is very mature and fully tested.

Intended Audience – Intended Audience for the Project and number of Projects.

License – Software License required for this Project and number of Projects.

Operating System – Operating System for which the Project is created and number of Projects.

Programming Language – Programming Language in which the Project is created and number of Projects.

Spoken Language – Language for which the Project (example English, French) is created and number of Projects.

Topic – Topic associated with this Project and number of Projects.

Section 6 – Snippets

You can archive Code Snippets, scripts, and functions to share with the User Community. Code Snippets are a type of code fragment library. For example, you may desire to store sophisticated shell commands, JavaScript functions, one line Perl commands, an SQL expression that performs a special query, or an algorithm.

After creating a new Code Snippet, you can post additional files to share.

Anyone can add a Code Snippet and they are site-wide functions that can be viewed by anyone.

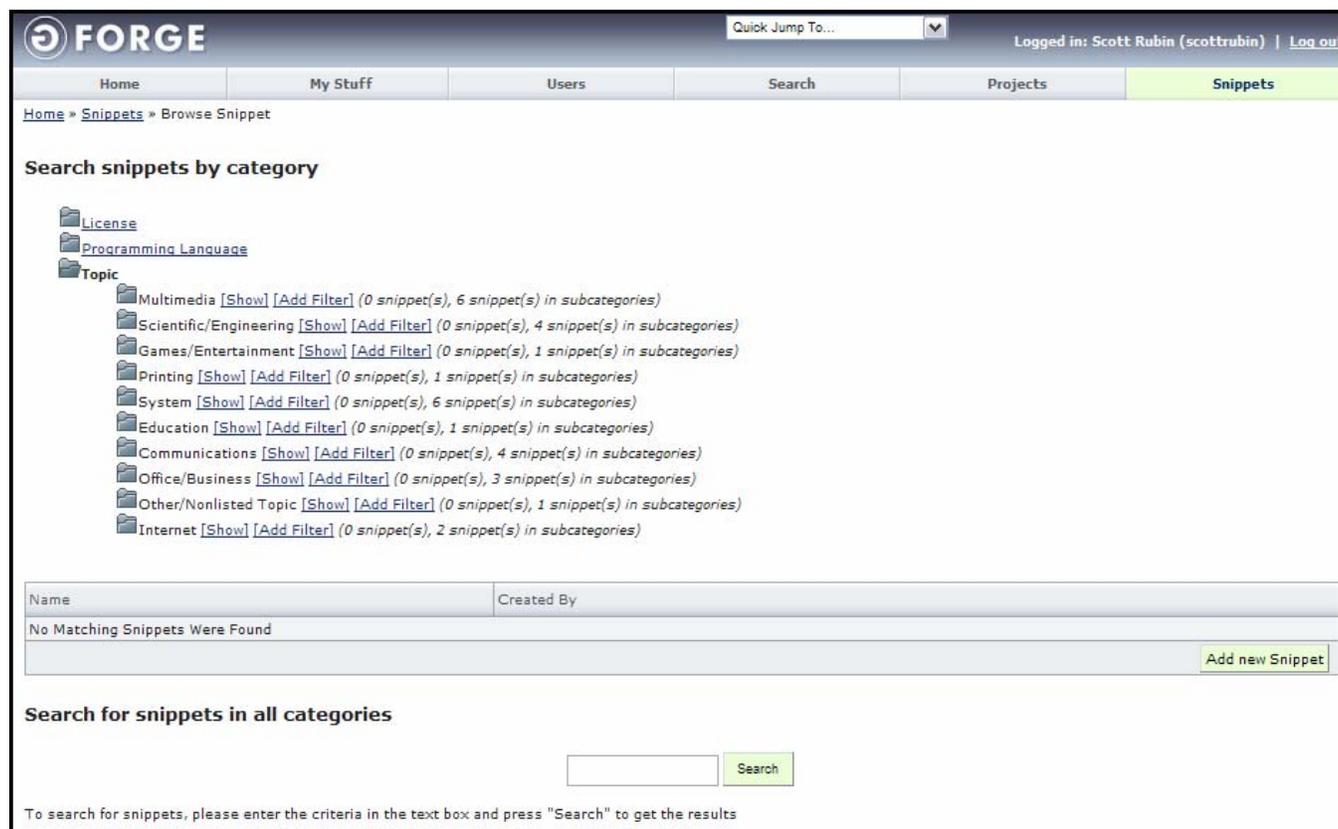


Figure 6-1. Code Snippets

Search Snippets by Category – View Snippets by their Trove Categorization. Refer to Section 2, Home.

Name – Name of the Snippet. Click to view the Snippet details.

Created By – Name of the user who uploaded the Snippet. Click to view the user details.

Show – Click to show the Snippets in this category.

Add Filter – Click to filter the Snippets in this category.

Search for Snippets in all Categories – Search for Snippets in all categories.

Search Field – Enter the criteria for your search and click the **Search** button.

Edit – Edits the Snippet.

Delete – Deletes the Snippet.

Add new Snippet – Adds a new Snippet.

6.1 Viewing Code Snippets

To view a Code Snippet:

1. **Log in** to GForge.
2. Click the **Snippets** tab.
3. **Search** for the Snippet. Refer to Figure 6-1. Code Snippets.
4. Click on the **Snippet** you desire to view.
5. Click the **File** name to view the Snippet.

Quick Jump To... Logged in: Tawni Plath (tawniplath) | Log out

Home My Stuff Users Search Projects **Snippets**

Home » Snippets » Browse Snippet

Successfully added

Browse Snippet

Example Snippet

License: Apache Software License Programming Language: Assembly

Topic: Benchmark

Description:

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="refresh" content="2100"/>
<meta http-equiv="content-type" content="text/html; charset=iso-8859-1" />
<meta name="description" content="The Internet your way-get customized news, stocks, sports, weather, and more. Choose the features that interest you most, and arrange them all on one single Web page.">
<meta name="keywords" content="weather, movies, showtimes, sports, email, portal, customized, personals, stocks, favorites, directories, news, guide, search">
<link rel="alternate" type="application/rss+xml" title="My EarthLink" href="/channel/start/rss?authId=OYg8wG1QEde.wgADuhiAeg~g7oXiizZF0xJI" />

<title>EarthLink - Welcome to myEarthLink</title>

<link rel="stylesheet" href="/dyncss/theme/hotpinkTheme" type="text/css">
<link rel="stylesheet" href="/dyncss/widget/9901,9902,6,8,15,16,23,27,42,68,73,101,110" type="text/css">
```

Files in this snippet:

File	File size
02_TOC.doc	141 KB

Submitted by Tawni Plath on 2007-08-27 19:06:28

Figure 6-2. Viewing a Code Snippet

License – Name of license being used. For example:

- ◆ GNU Library Public License
- ◆ BSD License
- ◆ Artistic License
- ◆ Collaboration Virtual Workspace License
- ◆ WebSite Only
- ◆ Other

Programming Language – Name of computer language being used. For example:

- | | | | |
|---------|--------------|----------------|--------------|
| ◆ Other | ◆ PHP | ◆ AppleScript | ◆ Mixed |
| ◆ C | ◆ Python | ◆ Visual Basic | ◆ JavaScript |
| ◆ C++ | ◆ UNIX Shell | ◆ TCL | ◆ SCQ |
| ◆ Perl | ◆ Java | ◆ Lisp | ◆ C# |

Topic – Topic of this Code Snippet.

Description – Describe what this program does.

Files in this snippet – A list of all files in this Snippet.

File – Name of the Snippet.

File Size – Size of the Snippet.

6.2 Adding a New Code Snippet

To add and submit a Code Snippet:

1. **Log in** to GForge.
2. Click the **Snippets** tab.
3. Click **Add New Snippet**.
4. Enter the **criteria** as in Figure 6-3.
5. Click the **Add** button.

The screenshot shows the GForge web interface for submitting a new code snippet. The page has a navigation bar with links for Home, My Stuff, Users, Search, Projects, and Snippets. The current page is titled "Add new Snippet".

The form contains the following fields and elements:

- Name:** A text input field containing "Example Snippet".
- Description:** A text area containing HTML code:


```
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
    <meta http-equiv="refresh" content="2100"/>
    <meta http-equiv="content-type" content="text/html; charset=iso-8859-1" />
    <meta name="description" content="The Internet your way-get customized news, stocks, sports, weather, and more. Choose the features that interest you most, and arrange them all on one single Web page.">
    <meta name="keywords" content="weather, movies, showtimes,
```
- Add new File:** A list of text input fields with "Browse..." buttons. The first field contains the path "C:_Tawni\GForge\end-user manual\".
- Programming Language:** A dropdown menu with "Assembly" selected. Other options include APL, ASP, C, C#, C++, Cold Fusion, and Delphi/Kylix.
- Topic:** A list box with "Astronomy" selected. Other topics include Authentication/Directory, Backup, BBS, Benchmark, Bio-Informatics, Board Games, Boot, Browsers, and BSD.
- Add:** A green button at the bottom left of the form.

Figure 6-3. Submit A New Code Snippet

Name – Name your Code Snippet.

Description – Describe what the Code Snippet does.

Add new file – Location of a file to be added into this Snippet.

Browse – Launches a dialog to locate the file to be added into this Snippet.

License – Name of license being used.

Programming Language – Name of computer language being used.

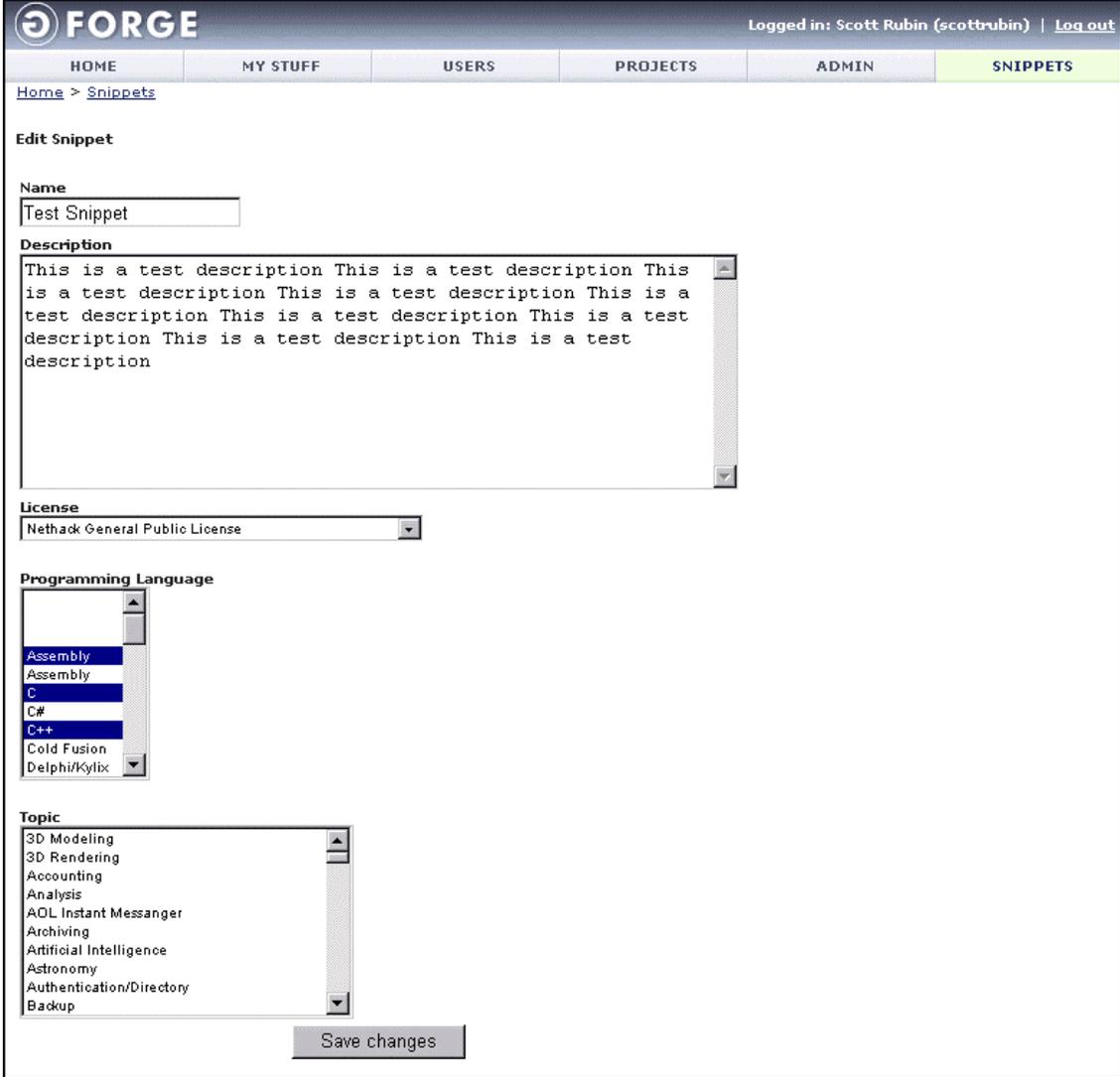
Topic – Topic of the Code Snippet.

Add – Click to submit a new Code Snippet.

6.3 Editing a Code Snippet

To edit a Code Snippet that you created:

1. **Log in** to GForge.
2. Click the **Snippets** tab.
3. Click on **Edit** next to the Snippet you desire to edit.
4. Edit any **information** you desire.
5. Click **Save Changes**.



The screenshot shows the GForge web interface for editing a code snippet. The page title is "FORGE" and the user is logged in as "Scott Rubin (scottrubin)". The navigation menu includes "HOME", "MY STUFF", "USERS", "PROJECTS", "ADMIN", and "SNIPPETS". The "SNIPPETS" tab is selected. The breadcrumb trail is "Home > Snippets". The main content area is titled "Edit Snippet" and contains the following fields:

- Name:** A text input field containing "Test Snippet".
- Description:** A large text area containing the text "This is a test description This is a test description".
- License:** A dropdown menu set to "Nethack General Public License".
- Programming Language:** A dropdown menu with options: Assembly, Assembly, C, C#, C++, Cold Fusion, and Delphi/Kylix. "C++" is selected.
- Topic:** A dropdown menu with options: 3D Modeling, 3D Rendering, Accounting, Analysis, AOL Instant Messenger, Archiving, Artificial Intelligence, Astronomy, Authentication/Directory, and Backup. "Backup" is selected.

A "Save changes" button is located at the bottom right of the form.

Figure 6-4. Edit Code Snippet

6.4 Deleting a Code Snippet

To delete a version of a Code Snippet you created:

1. **Log in** to GForge.
2. Click the **Snippets** tab.
3. **Browse** to the Snippet you desire to delete.
4. Click **Delete** next to the Code Snippet you desire to delete.
5. Select the **Confirm deletion** checkbox.
6. Click **Delete**.

Section 7 – Project Summary

To view the Project Summary page, click the Project Name in the My Stuff > Projects tab.

The Project Summary page displays the project's recent news by default, however the project administrator may choose to edit the page with the wiki editor and add custom information. Refer to Figure 7-1. The Project Name displays first and the Summary of the Project displays in the next paragraph of the Project Summary page.

The screenshot shows the GForge Project Summary page for 'Demo Project 1'. The page features a navigation bar with tabs for Home, My Stuff, Users, Search, Projects: test, and Snippets. Below the navigation bar, there are sub-tabs for Summary, Reporting, Search, Forums, Tracker, Docs, News, Files, Lists, Wiki, Build, and Perforce SCM. The main content area is divided into two columns. The left column displays 'Recent News' with several entries, each with a title, author, and date. The right column displays 'Activity' with a line graph showing activity over time, a 'Request to join project' button, and a 'Description' section. Below the description, there is a 'Developer Info' section listing team members and a 'Project Hierarchy' section showing the project's location in the GForge hierarchy. At the bottom of the right column, there is a 'Trove Categorization' section with a list of project details.

Figure 7-1. Project Summary Page

7.1 Recent News

The Recent News links displays the news about GForge, a specific Project, or an event. You can acquire additional information by clicking the associated links.

- ❖ **Note:** Refer to Section 13, News, and Section 2, Home, concerning additional News information.

7.2 Activity

Displays a visual graph of the Project's progress.

7.3 Description

This area contains the descriptive text that the project administrator has entered.

7.4 Developer Info

This area contains a list of all the members of the project, including members inherited from parent projects or groups.

7.5 Project Hierarchy

This displays the hierarchy of the Project and the Projects association with other Projects. The Project Administrator associates each Project with a Parent Project to form a hierarchical association between Projects.

7.6 Trove Categorization

Trove Categorization displays details associated with the currently selected Project. Project Types are setup by the Project Administrator.

Refer to Section 5, Projects, concerning Trove Categorization.

7.7 Request to Join a Project

Use Request to Join a Project to become a member of a Project. GForge sends a request to the project manager to accept or deny your request. To join a Project:

1. Select the **Projects** tab.
2. **Navigate** to the **Project** that you desire to join.
3. Click the **Request to join project** button. Refer to Figure 7-1.
4. Enter pertinent **Comments** about why you desire to join the Project.
5. Click the **Add** button.

The screenshot displays the GForge web interface. At the top, the GForge logo is on the left, and a search bar and user information ('Logged in: Tawni Plath (tawniplath) | Log out') are on the right. Below this is a navigation menu with tabs for Home, My Stuff, Users, Search, Projects: docupdate (highlighted), Admin, and Snippets. A secondary menu below that includes Summary, Admin, Reporting, Search, Forums, Tracker, Docs, News, Files, Lists, Wiki, SVN, and Build. The main content area shows a breadcrumb trail: Home > Projects > GForge Documentation Update > Request to join project. Underneath, the heading 'Request to join project' is followed by a 'Comments' section with a large text input area and a vertical scrollbar. At the bottom left of this section is a small green 'Add' button.

Figure 7-2. Request to Join Project

Comments – Enter any comment to send to the project manager explaining why you would like to join the Project.

Add – Click Add to send you request to the Project.

Section 8 – Reporting

The Reporting tab displays a variety of reports depending on which plugins are selected by the project administrator. Each plugin may add its own report to the Reporting tab. The default page for the reporting tab is the Roadmap Report, which displays a list of Tracker Items that are linked to releases in the files tab using 'FRS Release' extra fields as defined in the tracker admin pages.

8.1 Project Development Roadmap Report

The Project Roadmap Report details the entire Project's history per version and operating system. To view a Project Roadmap Report:

1. Click the **Reporting** tab within a Project.

The screenshot shows the GForge web interface. The top navigation bar includes 'Home', 'My Stuff', 'Users', 'Search', 'Projects: docupdate', and 'Snippets'. Below this is a secondary navigation bar with 'Summary', 'Reporting', 'Search', 'Forums', 'Tracker', 'Docs', 'News', 'Files', 'Lists', 'Wiki', 'CVS', and 'Build'. The main content area shows the breadcrumb 'Home > Projects > GForge Documentation Update > Reporting > Development Roadmap'. On the left is a sidebar menu with categories like Project, Tracker, Files, and SCM. The main content area has a 'Select a release' dropdown set to 'template::release-1.0' and a 'Submit' button. Below that is a 'Progress' bar and a table of Tracker items.

Tracker Name	Field Name	Summary	Priority	Status Id
Bugs	Found In Release	[#3465] Tracker release example for reporting	1	Open

Figure 8-1. Project Version Roadmap

Operating System – Operating System related to this Project's historical version release.

Tracker Name – Name of the Tracker with which this version release is related.

Field Name – Name of the field in the application with which this version release is related.

Summary – Description of the change.

Priority – Priority assigned to the change.

Status Id – Current status of the event.

8.1.1 Using the Development Roadmap Report

To use the Development Roadmap Report effectively:

1. Open the **Project**.
2. Select the **Files** tab.
3. Click the **Admin** link.
4. Create packages and define as future unreleased releases or create past versions.
5. Select the **Tracker** tab.
6. Click the **Admin** link.
7. Select to add an **FRS Release** custom field type.
8. **Edit** your **Tracker Items** and select the release to which it belongs.

8.2 Project Activity Report

By default, the Project Activity page shows all activity across the Project for the last 30 days. You can filter data by activity type and any date range. To view a Project Activity Report:

1. Click the **Reporting** tab within a Project.
2. Click the **Project Activity** link.
3. Select the **Activity Type** on which you desire to report.
4. Select the **Start Date** and the **End Date**.
5. Click the **Submit** button.

Time	Activity Type	By
2006-Nov-22		
03:11:23	Forum Post: RE: Testing again	Ferdie Tan
2006-Nov-02		
23:11:07	Tracker Item Modified: 333 Test Item for VS	Ruben Gutierrez
22:11:31	Tracker Item Opened: Test Dependency #01	Ruben Gutierrez
22:11:25	Tracker Item Opened: 333 Test Item for VS	Ruben Gutierrez
22:11:10	Tracker Item Opened: AAA Test Item	Ruben Gutierrez
22:11:48	Tracker Item Opened: Test Item #1	Ruben Gutierrez
2006-Aug-03		

Figure 8-2. Project Activity

Activity Type – Type of activities to display.

Start Date – Starting date of the displayed activities.

End Date – Ending date of the displayed activities.

Time – Time this Tracker Item was opened.

Activity Type – Description of the event.

By – User that created the activity.

8.3 Project Page Views Report

The Project Page Views page allows you to graph page views for a particular Project.

To create and view a graph of Project Page Views:

1. Click the **Reporting** tab within a Project.
2. Click **Project Page Views**.
3. Select the **Year**.
4. Select the **Month**.
5. Click the **Submit** button.

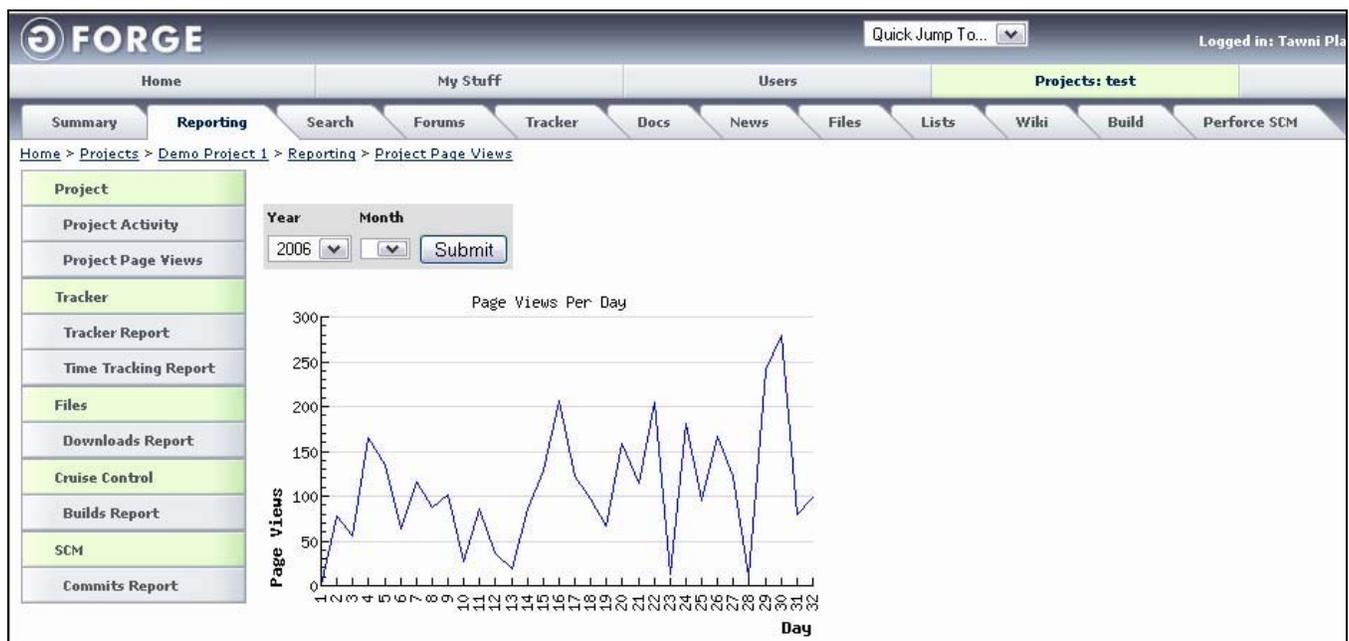


Figure 8-3. Project Page Views

Year – Year for which you desire to graph.

Month – Month for which you desire to graph.

Submit – Refreshes the graph of Project Page Views.

Page Views Per Day – Graph of the number of pages viewed per day.

8.4 Tracker Report

The Tracker Report page displays several graphs and lists of late Tracker Items and Tracker Items by Assignee across the entire Project. :

To view a Tracker Report:

1. Click the **Reporting** tab within a Project.
2. Click the **Tracker Report** link.
3. Select the **Tracker** on which you desire to report.
4. Select the **Only items opened by me or assigned to me** checkbox.
5. Click the **Submit** button.

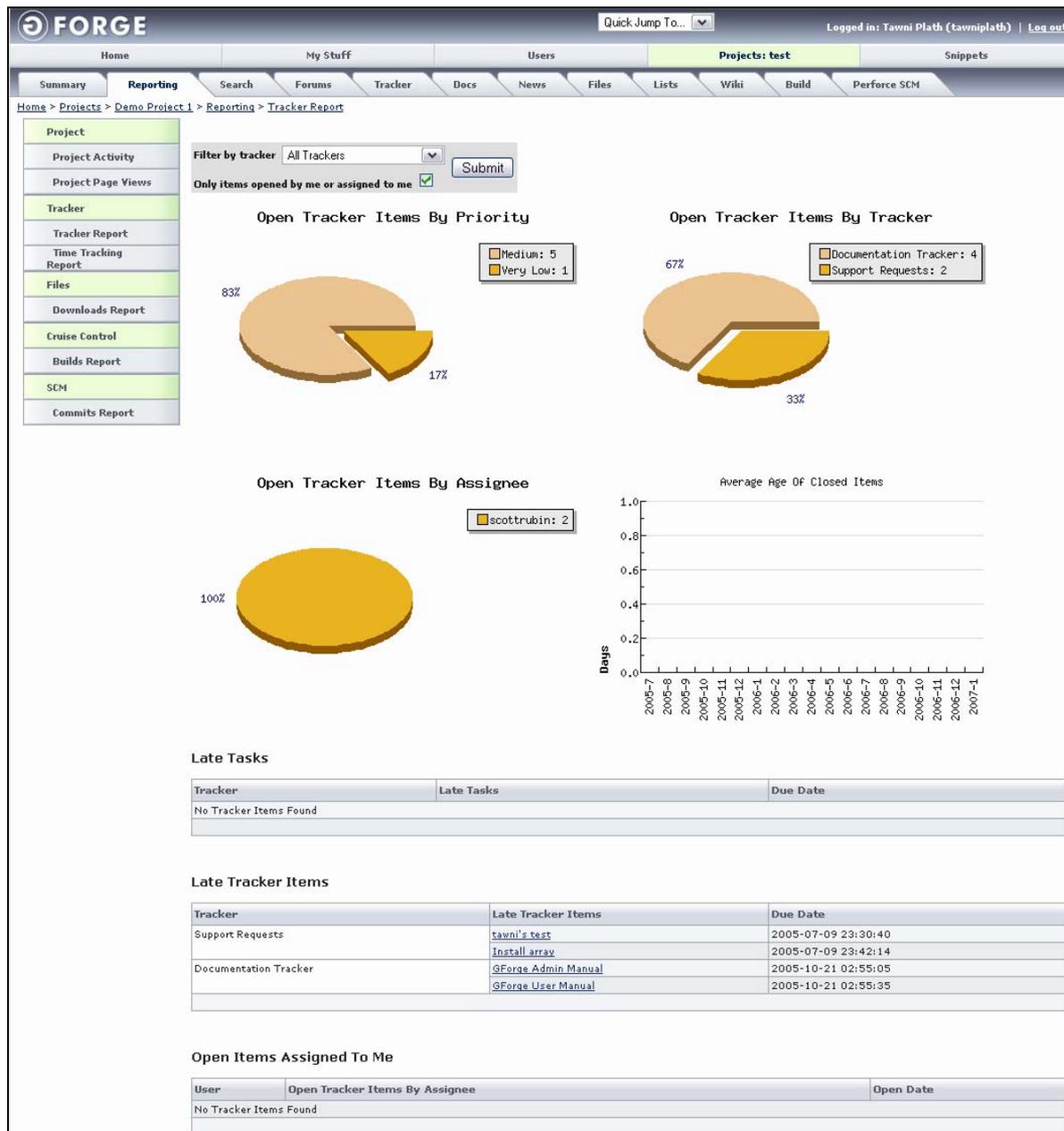


Figure 8-4. Tracker Report

Filter by tracker – Type of Tracker Item on which to report.

Only items opened by me or assigned to me – If selected, displays only items that were opened by you or assigned to you.

Submit – Refreshes the screen with the selections made.

Open Tracker Items By Priority – Displays a pie chart of all Open Tracker items divided by priority.

Open Tracker Items By Tracker – Displays a pie chart of all Open Tracker items divided by Tracker type.

Open Tracker Items By Assignee – Displays a pie chart of all Open Tracker items divided by Assignee.

Average Age of Closed Items – Displays a graph of the average age of closed items by date.

Late Tasks – Displays Tracker Tasks that are currently late.

Late Tracker Items – Displays Trackers Issues that are currently late.

Open Items Assigned To Me – Displays open items by the user to which they are assigned.

8.5 Time Tracking Report

The Time Tracking Report page displays several graphs and tables of **Total Hours** sorted by various criteria across the entire Project. :

To view a Time Tracking Report:

1. Click the **Reporting** tab within a Project.
2. Click the **Time Tracking Report** link.
3. Select the **Filters by users**.
4. Select the **Start and End Dates**.
5. Click the **Submit** button.

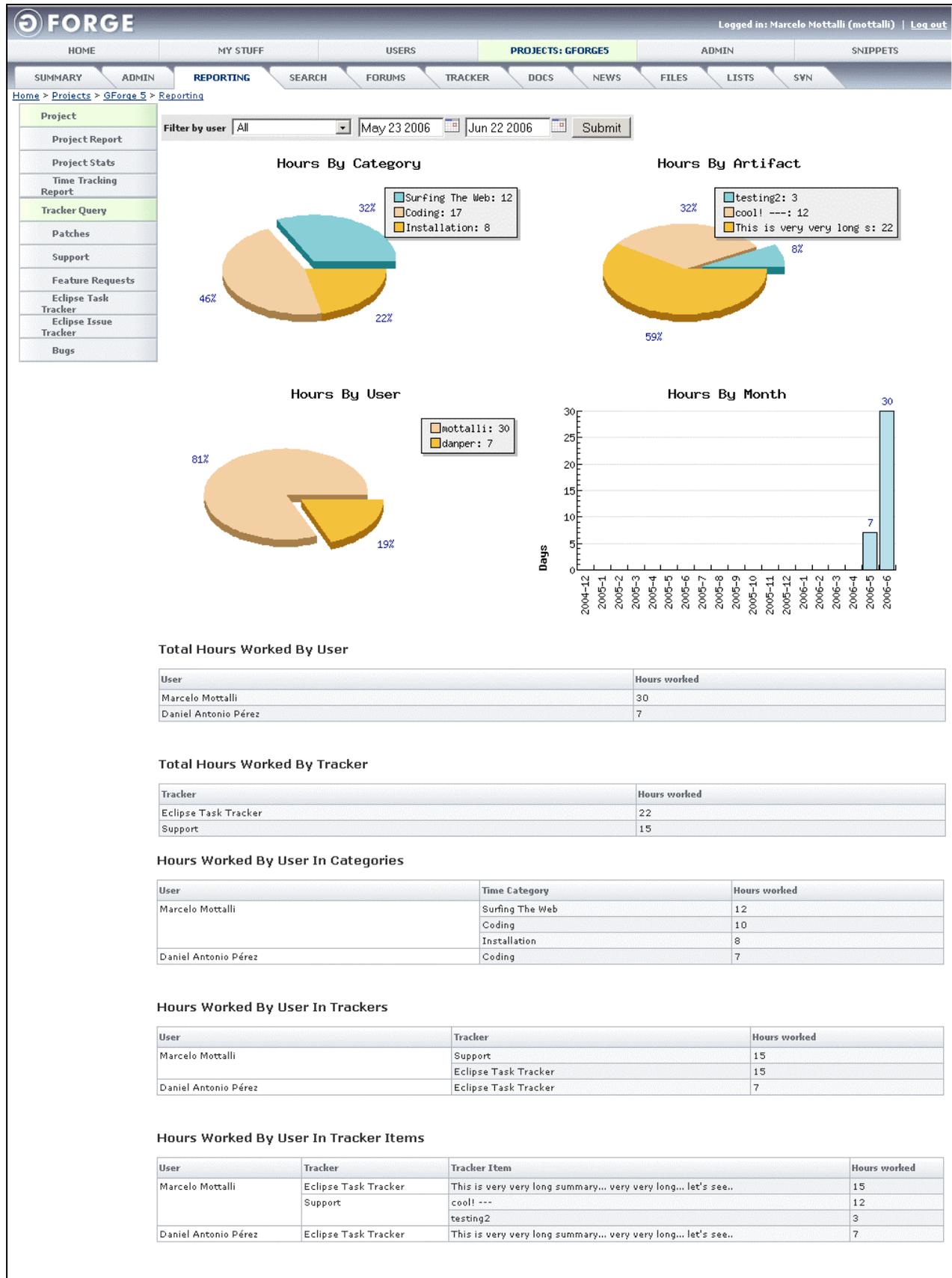


Figure 8-5. Time Tracking Report

Filter by user – Name of user on which to report. Click the field to select a value from the drop-down list.

Start Date – Starting date of the displayed Activities.

End Date – Ending date of the displayed Activities.

Submit – Refreshes the screen with the selections made.

Hours by Category – Hours worked per Tracker Category.

Hours by Artifact – Hours worked per Tracker Artifact.

Hours by User – Hours worked by each user.

Hours by Month – Hours worked per month.

Total Hours Worked By User – Hours worked by each user.

Total Hours Worked By Tracker – Hours worked for each Tracker.

Hours Worked By User In Categories – Hours worked by each user per category.

Hours Worked By User in Trackers – Hours worked by each user per Tracker.

Hours Worked By User in Tracker Items – Hours worked by each user per Tracker Item.

8.6 Downloads Report

The Files Downloads Report page displays several graphs and lists of downloads across the entire Project.

To view a Downloads Report:

1. Click the **Reporting** tab within a Project.
2. Click the **Downloads Report** link.
3. Select the **Filters by package**.
4. Select the **Start and End Dates**.
5. Click the **Submit** button.

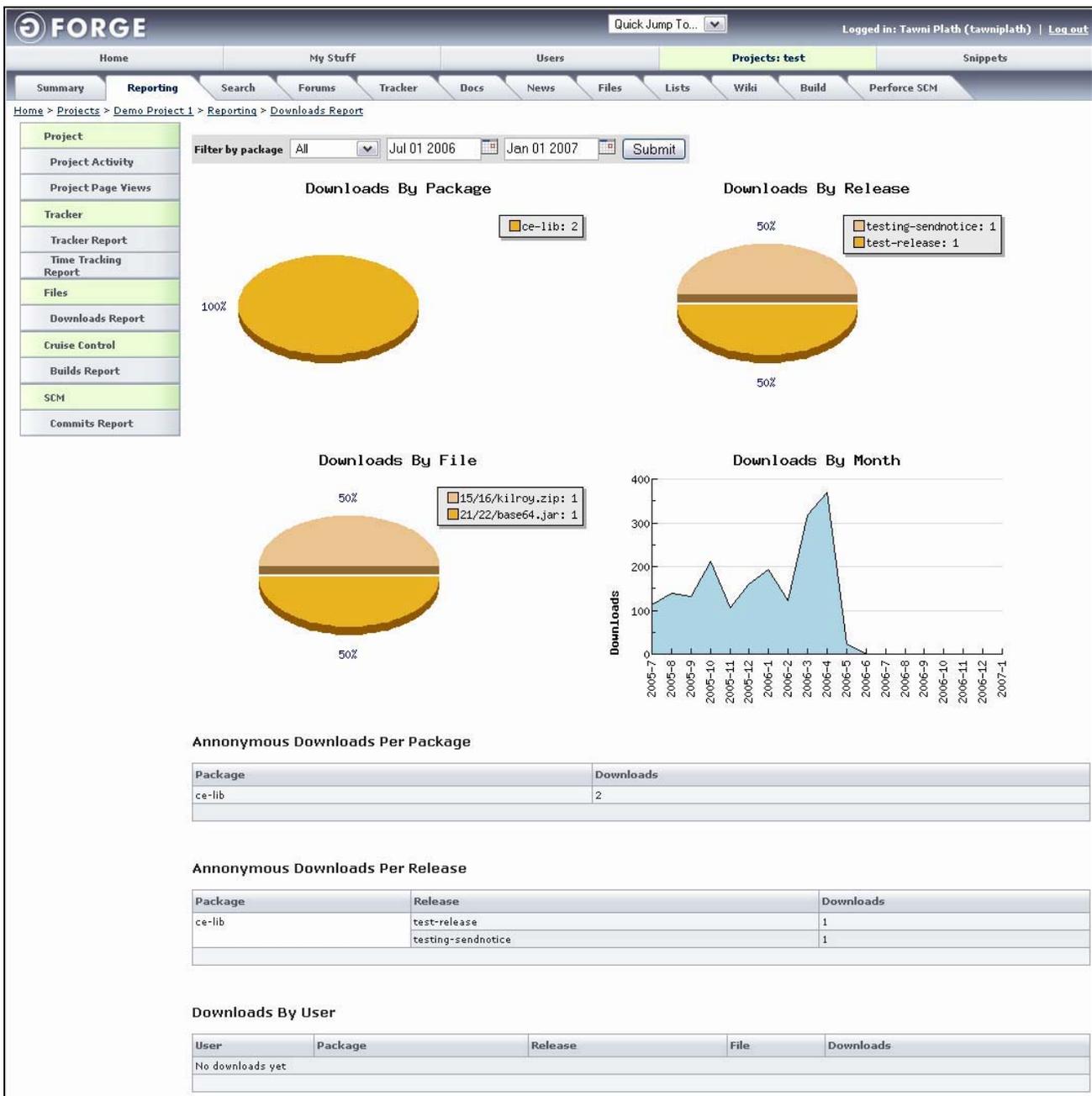


Figure 8-6. Downloads Report

Filter by package – Name of package on which to report.

Start Date – Starting date of the displayed Activities.

End Date – Ending date of the displayed Activities.

Submit – Refreshes the screen with the selections made.

Downloads By Package – Displays downloads per package.

Downloads By Release – Displays downloads per release.

Downloads By Files – Displays all files downloaded.

Downloads By Month – Displays number of downloads per month.

Anonymous Downloads Per Package – Displays a list of anonymous downloads per package.

Anonymous Downloads Per Release – Displays a list of anonymous downloads per release.

Downloads By User – Displays a list of downloads per user.

8.7 CruiseControl Build Report

The Cruise Control Build Report page displays a graph of builds under Cruise Controls over time.

To view a Tracker Report:

1. Click the **Reporting** tab within a Project.
2. Click the **Builds Report** link.
3. Select the which **build** to report.
4. Select the **Start** and **End Dates**.
5. Click the **Submit** button.

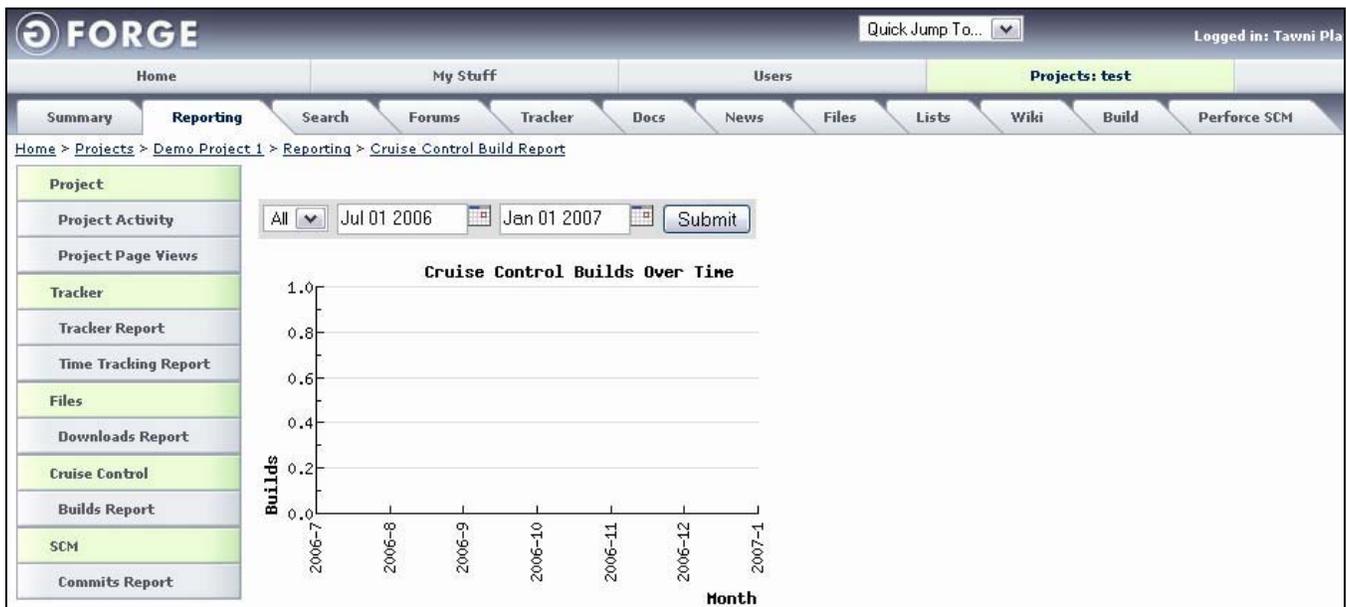


Figure 8-7. Cruise Control Build Report

Build Name – Select the item on which to report.

Start Date – Starting date of the displayed Activities.

End Date – Ending date of the displayed Activities.

Submit – Refreshes the screen with the selections made.

Cruise Control Builds Over Time – Displays a graph of builds under Cruise Controls over time

8.8 Commits Report

The Commits Report page displays the total number of commits and how the commits were distributed per the selected months.

To view a Project Activity Report:

1. Click the **Reporting** tab within a Project.
2. Click the **Commits Report** link.
3. Select the **Start Date** and the **End Date**.
4. Click the **Submit** button.

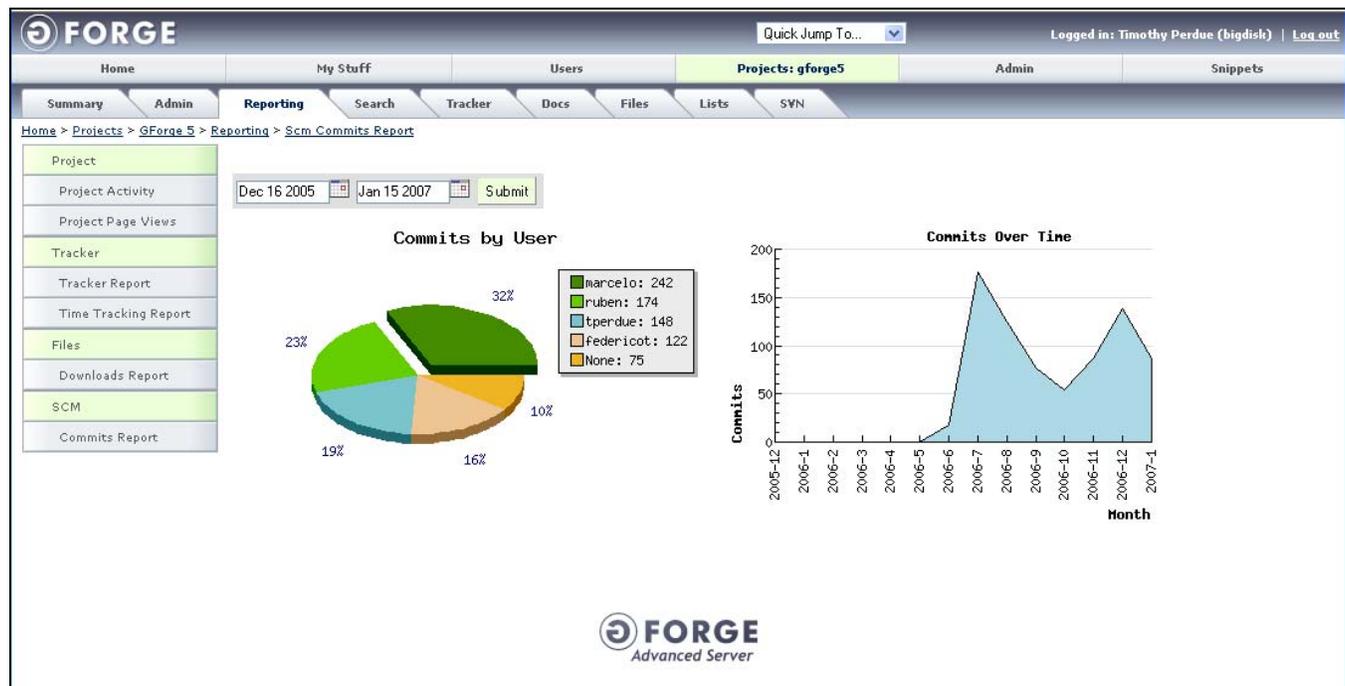


Figure 8-8. Commits Report

Commits by User – Total number of commits by the user.

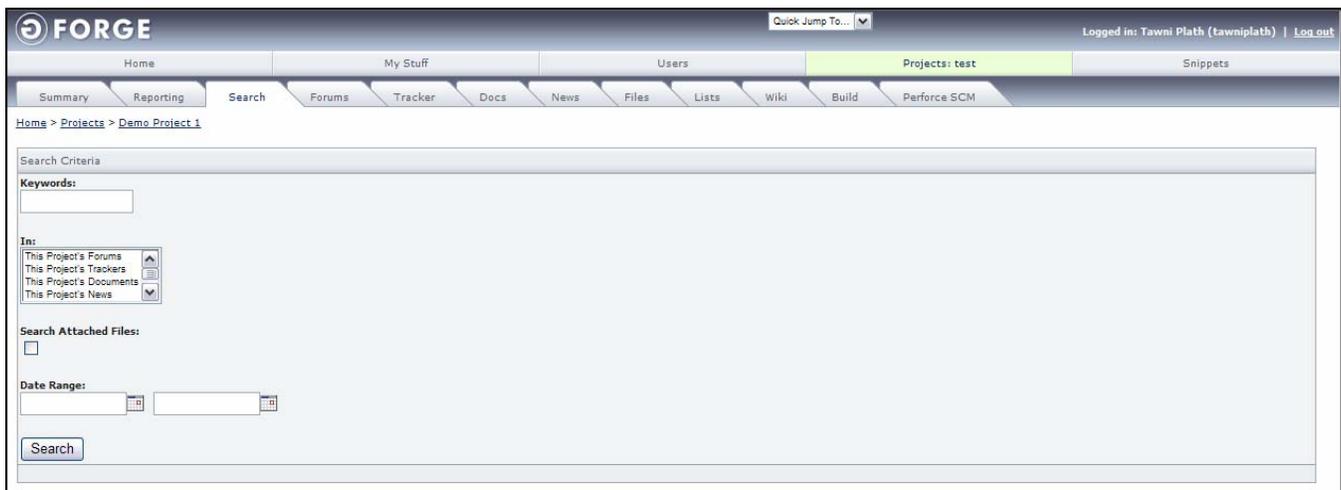
Commits Over Time – Number of commits and how the commits were distributed per the selected Start Date and End Date.

Section 9 – Search

Search allows you to select data from the GForge database within the site. Searches are not case sensitive and must be at least three characters in length. As of Version 5.3, GForge can search binary MS Word and PDF documents if your system is properly configured. Documents are automatically periodically indexed and your document may not be immediately available for searching.

To Search for an Item:

1. Enter a term in the **Keywords** field.
2. Highlight one or more of the items in the **In** field.
3. Select if you desire to **Search Attached Files**.
4. Enter a **Date Range** if you desire to search for a file within a specific time period.
5. Click the **Search** button.



The screenshot displays the GForge web interface. At the top, the GForge logo is on the left, and a 'Quick Jump To...' dropdown menu is on the right. The user is logged in as 'Tawni Plath (tawniplath)' with a 'Log out' link. Below the navigation bar, the 'Search' tab is active. The search criteria form includes a 'Keywords' text input field, an 'In:' dropdown menu with options like 'This Project's Forums', 'This Project's Trackers', 'This Project's Documents', and 'This Project's News', a 'Search Attached Files' checkbox, and a 'Date Range' field with two date pickers. A 'Search' button is located at the bottom of the form.

Figure 9-1. Search Tab

6. Click the calendars and select a **Date Range**.

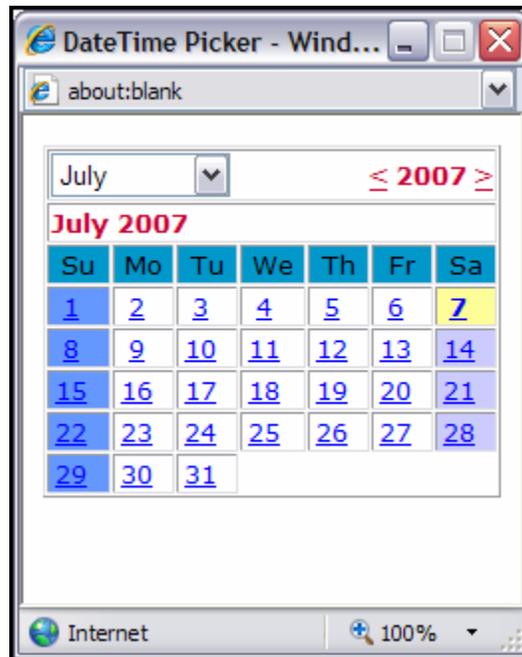


Figure 9-2. Date and Time Picker

7. Select the **month**.
8. Click the **day**.
9. Click the **Search** button.

Keywords – Words on which the search will include.

In – Modules to include in the search.

Search Attached Files – Select to search within all files that are associated with the modules.

Date Range – Dates on which to filter your search.

Section 10 – Forums

Forums can be accessed from the Project Summary page. Use Forums to facilitate discussions between users. When a Project is created, some default Forums may be automatically created depending on which template Project was chosen.



The screenshot shows the GForge web interface. At the top, there is a navigation bar with the GForge logo, a search box, and the user's login information: "Logged in: Tawni Plath (tawniplath) | Log out". Below the navigation bar, there are several tabs: Home, My Stuff, Users, Search, Projects: docupdate (highlighted), and Snippets. Underneath, there are more tabs: Summary, Reporting, Search, Forums (highlighted), Tracker, Docs, News, Files, Lists, Wiki, CVS, and Build. The main content area shows a breadcrumb trail: "Home » Projects » GForge Documentation Update » Forums » Browse Forum". Below this is a table with the following data:

Forum Name	Threads	Posts	Last post
?_developers Project Developer Discussion	1	2	2007-08-27 20:06:54 by Tawni Plath
?_open-discussion General Discussion	1	1	2007-08-27 20:02:54 by Tawni Plath
?_help Get Public Help	0	0	-

Figure 10-1. Forums

Forum Name – Name of the Forum. A description of the Forums displays below the Forum Name.

Threads – Number of threads posted to this Forum.

Posts – Number of replies posted to this Forum.

Last Post – Date the last reply was posted.

10.1 Using a Forum

1. Open a **Project**.
2. Click the **Forums** tab.
3. Select the **Forum Name** in which you desire to participate.
4. Select the **Forum Topic** in which you desire to participate.

The figure consists of two screenshots of the GForge web interface. The top screenshot shows the 'Forums' section for the 'GForge Documentation Update' project. It features a table with columns for 'Topic', 'Topic Starter', 'Messages', and 'Last post'. A single row is visible for the 'Developer thread' started by 'Tawni Plath' with 2 messages and a last post on 2007-08-27 20:06:54. A 'Start new thread' button is located at the bottom right of the table. Above the table, there is a 'Show 100' dropdown menu and a 'Change' button. The top navigation bar includes 'Home', 'My Stuff', 'Users', 'Search', 'Projects: docupdate', and 'Snippets'. The bottom navigation bar includes 'Summary', 'Reporting', 'Search', 'Forums', 'Tracker', 'Docs', 'News', 'Files', 'Lists', 'Wiki', 'CVS', and 'Build'. The breadcrumb trail is 'Home > Projects > GForge Documentation Update > Forums > Forums'.

The bottom screenshot shows the 'Forums' section for the 'Demo Project 1' project, specifically the 'documentation' forum. It features a table with columns for 'Topic', 'Topic Starter', 'Messages', and 'Last post'. A single row is visible for the 'test thread' started by 'Timothy D Perdue' with 1 message and a last post on 2006-07-10 07:58:33. A 'Start new thread' button is located at the bottom right of the table. On the left side, there is a sidebar menu with options: 'Forums', 'Monitor this forum', 'Archive', 'Save place', and 'Admin'. The top navigation bar includes 'HOME', 'MY STUFF', 'USERS', 'PROJECTS: TEST', and 'SNIPPETS'. The bottom navigation bar includes 'SUMMARY', 'ADMIN', 'REPORTING', 'SEARCH', 'FORUMS', 'TRACKER', 'DOCS', 'NEWS', 'FILES', 'LISTS', 'WIKI', 'BUILD', and 'CLEARCASE SCM'. The breadcrumb trail is 'Home > Projects > Demo Project 1 > Forums > documentation'.

Figure 10-2. Viewing Forums

Show – Select the number of Forum Topics that you desire to view and click the Change button.

Topic – Name of the Forum Topic.

Topic Starter – User who began the discussion.

Messages – Number of Messages related to this thread.

Last Post – Date the Topic was posted.

5. Click what you desire to do in the Forum:

- ◆ **Monitor This Forum** – Click to receive e-mails when a topic is added or updated in this Forum. To turn off Monitor Forum, click the link again.
- ◆ **Archive** – History of the active Forum.
- ◆ **Save place** – Select to view new Forum topics with replies highlighted when you return to this Forum.
- ◆ **Start new thread** – Click to create a new topic in this Forum.

10.1.1 Changing the Number of Forums to View

1. Open a **Project**.
2. Click the **Forums** tab.
3. Select the **Forum Name** in which you desire to view.
4. Select the **number of Forum Topics** that you desire to view in the drop-down list box.
5. Click the **Change** button.

10.1.2 Starting a New Thread

A new thread is a new topic within the current Forum. To start a new thread within a Forum:

1. Open a **Project**.
2. Click the **Forums** tab.
3. Select the **Forum Name** in which you desire to participate.
4. Select the **Topic** in which you desire to participate.
5. Click the **Start New Thread** link.

The screenshot shows the GForge web interface. At the top, there is a navigation bar with tabs for Home, My Stuff, Users, Search, Projects: docupdate (selected), and Snippets. Below this is a secondary navigation bar with tabs for Summary, Reporting, Search, Forums (selected), Tracker, Docs, News, Files, Lists, Wiki, CVS, and Build. The main content area shows the breadcrumb path: Home > Projects > GForge Documentation Update > Forums > Forums. The 'Add new Forum Thread' form is displayed, featuring a 'Topic:' field with the text 'Forum thread test', a 'Message:' field with a rich text editor containing the text 'This is a forum thread test for documentation only.', and an 'Add new File' section with five 'Browse...' buttons and an 'Add' button.

Figure 10-3. Start New Thread

6. Enter a **Topic** describing the thread.
7. Enter the **Message** detailing your thread input.
8. Click Browse to **Add new File** associated with the thread.
9. Click the **Add** button.

10.1.3 Viewing Forums as Flat Files or as Threaded

You toggle between seeing Forum threads as flat files or as threaded files:

1. Open a **Project**.
2. Click the **Forums** tab.
3. Select the **Forum Name** in which you desire to view.
4. Select the **Flat** or **Treaded** in the drop-down list box.
5. Click the **Change** button.

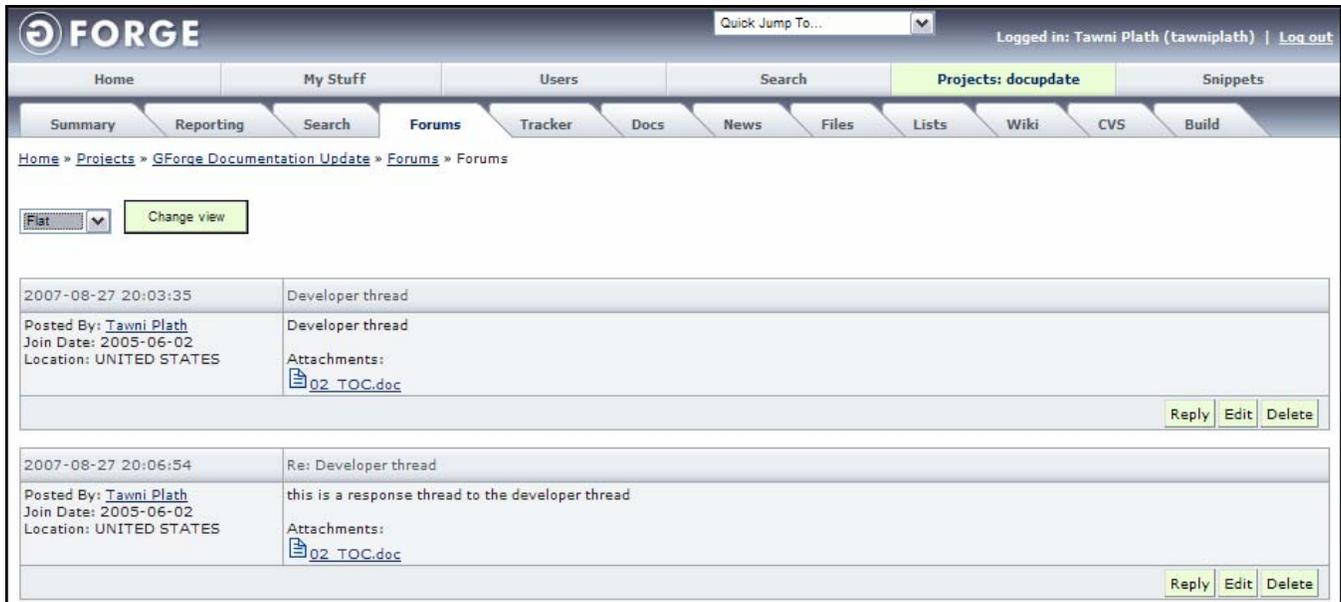


Figure 10-4. Flat Forum Files

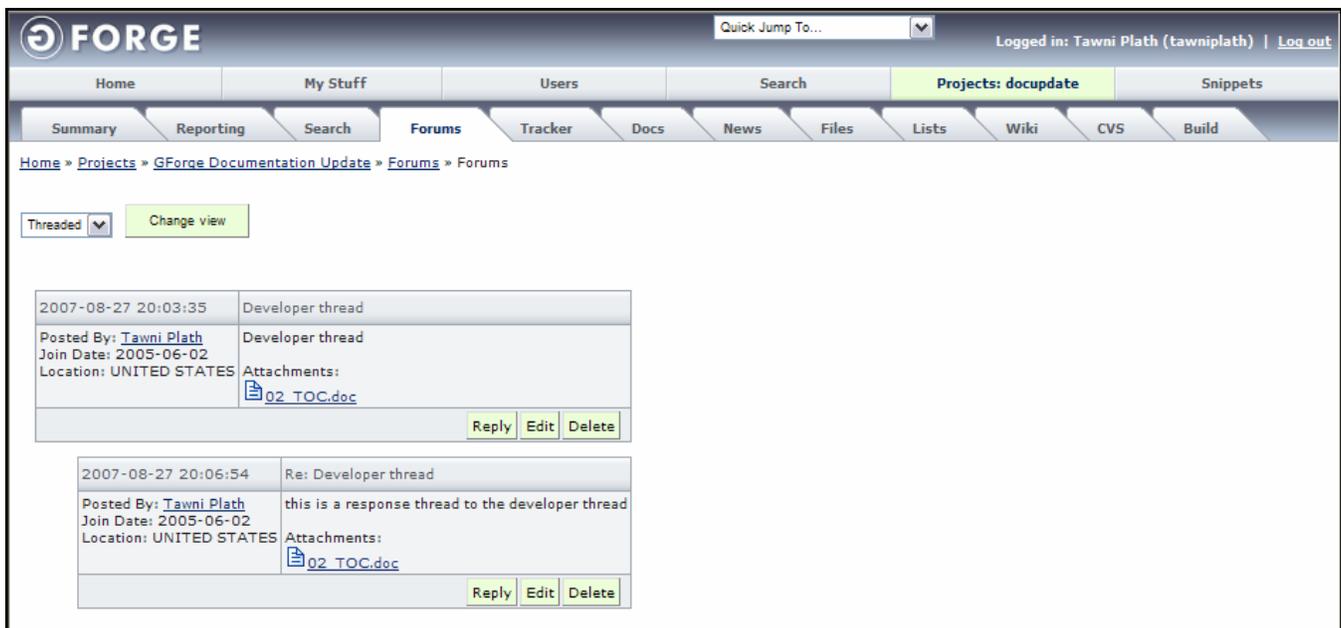


Figure 10-5. Threaded Forum Files

10.1.4 Viewing a Forum

1. Open a **Project**.
2. Click the **Forums** tab.
3. Select the **Forum Name** in which you desire to view.
4. Click the Forum **Topic** you desire to view. Refer to Figure 10-4 and Figure 10-5.

10.1.5 Replying to a Forum Thread

A comment thread is a reply to a current Forum entry. To reply to a message entered in a Forum:

1. **Login** to GForge.
2. Navigate to the **Project** that contains the Forum.
3. Click the **Forums** tab.
4. Click the **Forum Name** where you desire to reply.
5. Click the Forum **Topic** where you desire to reply. Refer to Figure 10-4 and Figure 10-5.
6. Click the **Reply** button.
7. Enter your comment in the **Message** field.
8. Click Browse to **Add new Files** if necessary.
9. Click the **Post Message** button to respond to a Forum message.

10.1.6 Editing a Forum Thread

To edit a comment in a Forum:

1. **Login** to GForge.
2. Navigate to the **Project** that contains the Forum.
3. Click the **Forums** tab.
4. Click the **Forum Name** where you desire to reply.
5. Click the Forum **Topic** where you desire to reply. Refer to Figure 10-4 and Figure 10-5.
6. Click the **Edit** button.
7. Edit your comment in the **Message** field.
8. Click Browse to **Add new Files** if necessary.
9. Click the **Post Message** button to respond to a Forum message.

10.1.7 Deleting a Forum Message Thread

A comment thread is a reply to a current Forum entry. To reply to a message entered in a Forum:

1. **Login** to GForge.
2. Navigate to the **Project** that contains the Forum.
3. Click the **Forums** tab.
4. Click the **Forum Name** where you desire to reply.
5. Click the Forum **Topic** where you desire to reply. Refer to Figure 10-4 and Figure 10-5.

6. Click the **Delete** button.

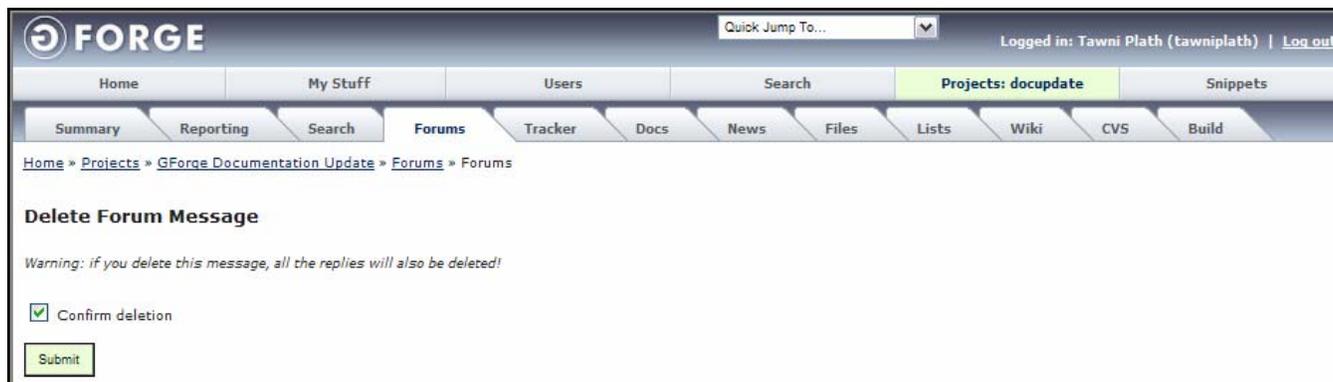


Figure 10-6. Delete Forum Message

7. Select the **Confirm deletion** checkbox.
8. Click the **Submit** button.

10.2 Monitoring a Forum

To receive e-mails when a Forum has an entry added:

1. **Login** to GForge.
2. Navigate to the **Project** that contains the Forum you desire to monitor.
3. Click the **Forums** tab.
4. Navigate to the **Forum Name** you desire to monitor.
5. Click **Monitor this forum**. The link changes to Stop Monitoring and you receive an e-mail whenever an entry is added to the Forum.

10.2.1 Stopping a Forum Monitor

To end receiving e-mails when a Forum has an entry added:

1. **Login** to GForge.
2. Navigate to the **Project** that contains the Forum you desire to end monitoring.
3. Click the **Forums** tab.
4. Navigate to the **Forum Name** you desire to end monitoring.
5. Click **Stop Monitoring**. You no longer receive an e-mail when an entry is added to this Forum. The link changes to Monitor Forum.

10.3 Archive

Click Archive to view history in the active Forum.

The screenshot shows the GForge web interface. The top navigation bar includes 'HOME', 'MY STUFF', 'USERS', 'PROJECTS: TEST', and 'SNIPPETS'. Below this is a secondary navigation bar with 'SUMMARY', 'ADMIN', 'REPORTING', 'SEARCH', 'FORUMS', 'TRACKER', 'DOCS', 'NEWS', 'FILES', 'LISTS', 'WIKI', 'BUILD', and 'CLEARCASE SCM'. The breadcrumb trail is 'Home > Projects > Demo Project 1 > Forums > documentation'. On the left, a sidebar menu has 'Forums' selected, with options for 'Monitor this forum', 'Archive', 'Save place', and 'Admin'. The main content area is titled 'History for documentation' and shows the year '2006'. A table displays the number of posts for each month:

Month	# posts
January	0 post(s)
February	0 post(s)
March	0 post(s)
April	0 post(s)
May	0 post(s)
June	0 post(s)
July	3 post(s)

Figure 10-7. Archive

Month – Month the history is for. Click the month to view details.

of Posts – Number of posts during the month.

10.4 Save Place

Click Save Place within a Forum changes all Forum messages older than “now” to no longer display highlighted in bold. The next time you visit, you see only the new Messages in bold.

Section 11 – Tracker

Use the Tracker to record Bugs, Support Requests, Patches, and Feature Requests or other types of information as required for your Project. Tracker can record virtually any kind of data, with each Tracker having separate customizable fields and permission lists.

Trackers include individual pieces of data called Tracker Items, which are either Tracker Issues or Tracker Tasks. For example, Bugs is the name of a Tracker Issue, while an individual Bug Report is the actual Tracker Issue. The System Administrator can create custom Trackers and you can add Tracker Items (Issues or Tasks) to any Tracker.

When a Project is created, GForge automatically may create several default Trackers depending on which template was chosen at Project registration time:

Example Trackers that you can create include:

Issues

Support – Users can enter support requests and receive support responses.

Feature Requests – Users can request feature enhancements to a Project.

Bugs – Users and developers can enter bugs associated with a Project.

Patches – Developers can upload software patches.

Tasks

To Do – Task that need attention.

Next Release – Tasks that need attention before the next release.



Tracker Type	Tracker Name	Description	Item Total	Open Count
Issues	Documentation Tracker	Use to maintain documentation dates.	2	2
	Amgen Tracker	Custom Fields Set up	3	3
	Bugs	Bug Tracking System	126	113
	Feature Requests	Feature Request Tracking System	12	12
	Patches	Patch Tracking System	6	6
	Support Requests	Tech Support Tracking System	25	25
Tasks	Mail Module Support	Mail Module Support	3	3
	Web Module Development	Web Module Development	4	5
	GForge App 1	GForge App 1	10	10
	juoilkjli	lkjlioiol	0	0
	_Test Subproject2	Test Description2	10	10
	ms_application	ms application	2	2
	test-project-gobi	test project for gobi	1	1
Project - gobi	Gobi's Project	4	4	

Figure 11-1. Trackers

Tracker Type – The type of Tracker Issue or Task.

Tracker Name – Name of the Tracker.

Description – Brief summary or title of the Tracker.

Item Total – Total number of Tracker Issues or Tasks of this type.

Open Count – Number of Tracker Issues or Tasks with an Open State.

11.1 Viewing Tracker Items Assigned to You

To view Tracker Items assigned to you:

1. Login to **GForge**.
2. Click the **My Stuff** tab.

The screenshot shows the GForge web interface. The user is logged in as Tawni Plath. The 'My Stuff' tab is selected, and the 'My Queue' section is active. A table lists assigned tracker items with columns for Id, Summary, Priority, and a remove link. Below the table is a 'Save Queue' button. At the bottom, there are tabs for 'Assigned Tracker Items', 'Submitted Tracker Items', and 'Projects'. The 'Assigned Tracker Items' tab is selected, showing a detailed table of items.

Id	Summary	Priority	
3258	Integration Testing / Use Case Testing	3	remove
3257	Development: Team3 / Module 3	3	remove
3254	Modules Team Assignments / WBS	3	remove

Project	Tracker	Id	Priority	Summary
Demo Project 1	Doc Update2	3258	3	Integration Testing / Use Case Testing
		3257	3	Development: Team3 / Module 3
		3256	3	Development: Team2/Module2
		3255	3	Development: Team1 / Module1
		3254	3	Modules Team Assignments / WBS
		3253	3	Module specifications / Use cases development
		3252	3	Systems Architecture / Modules Analysis
		3251	3	Resources Allocation / Team Assembly
GForge Documentation Update	Feature Requests	3250	3	Project Planning
		3185	3	TOC Update

Figure 11-2. Tracker Items Assigned to You

My Queue – You can add Assigned Tracker Issues or Tasks to the My Queue frame to assist in you in viewing what Task and Issues are assigned to you. Refer to Section 3, My Stuff.

Project – Project in which this Tracker Issue or Task is included.

Tracker – Tracker in which this Tracker Issue or Task is included.

ID – Internal identification number associated with the Tracker Issue or Task.

Priority – Priority of the Tracker Issue or Task in your query.

Summary – Brief summary or title of the Tracker Issue or Task.

11.2 Viewing Tracker Items in a Project and the Summary

To view all Tracker Items within a Project:

1. Click the **Projects** tab in the My Stuff page.
2. Click the **Project Name** link.
3. Click the **Tracker** tab within a Project.
4. Click the **Tracker Name**. Refer to Figure 11-1.
5. Click the **Summary**. Refer to Figure 11-3.

❖ **Note:** Dependant upon configuration of the Tracker by the administrator, some of fields in Figure 11-4 may not display as user security settings have different abilities to add and edit Tracker Issues or Tasks.

6. Click the **Browse** link to return to Figure 11-3.

The screenshot shows the GForge Tracker interface. At the top, there is a navigation bar with tabs for Home, My Stuff, Users, Search, Projects: docupdate (selected), and Snippets. Below this is a secondary navigation bar with tabs for Summary, Reporting, Search, Forums, Tracker (selected), Docs, News, Files, Lists, Wiki, CVS, and Build. The main content area shows a breadcrumb trail: Home » Projects » GForge Documentation Update » Tracker » Bugs » Browse Tracker Item. On the left, there is a sidebar with a 'Bugs' section containing links for Browse, Query, E-mail Gateway, Stop monitoring, and Workflow rules. The main area contains a search form with fields for ID, Summary, Priority (Any), Assignee (Any), Status (Any), Sort By (ID), and Order (Ascending), along with a 'Browse' button and a 'Use Filter...' dropdown. Below the search form is a table of Tracker items:

ID	Summary	Delete	Priority	Assignee	Submitted By	Status	Open Date	Close Date	Last Modified Date
<input type="checkbox"/> 2935	Docs out of date	Delete	1	Nobody	Scott Rubin	Open	2006-07-28		2006-07-28
<input type="checkbox"/> 3465	Tracker release example for reporting	Delete	1	Nobody	Tawni Plath	Open	2007-08-27		2007-08-27

At the bottom right of the table, there is an 'Add new Tracker Item' button.

Figure 11-3. Tracker Item Summary

ID – System generated identification number in your query.

Summary – Brief summary or title of the Tracker Issue or Task in your query.

Priority – Priority of the Tracker Issue or Task in your query.

Assignee – Person to whom this Tracker Issue or Task is assigned.

Status – Current Status of the Tracker Issue or Task in your query.

- ◆ **Any** – All Tracker Issues or Tasks.
- ◆ **Open** – Active Tracker Issues or Tasks.
- ◆ **Closed** – Tracker Issues or Tasks ended.

Sort By – Sorts Tracker Issues or Tasks by the selection.

Order – Select how you desire to view the Tracker Issues or Tasks and in Ascending or Descending order.

Browse Button – View the Tracker Issues or Tasks based on your limited query.

Use Filter – Use the Tracker Filter to configure pre-defined search criteria with which to search for Tracker Issues or Tasks. Refer to Section 11.9.1, Adding a Tracker Query, on page 11-17.

ID – System generated identification number associated with this Tracker Issue or Task.

Summary – Brief summary or title of the Tracker Issue or Task. Click to view the Summary details.

Priority – Priority of this Tracker Issue or Task.

Color – Priority Colors **1 2 3 4 5** display the importance of a Task or a Project. 1 being the lowest priority and 5 being the highest priority and should be completed first.

Assignee – Person to whom this Tracker Issue or Task is assigned.

Submitted By – Person who submitted this Tracker Issue or Task.

Status – Status of the Tracker Issue or Task.

Open Date – Date this Tracker Issue or Task was added to the GForge database.

Close Date – Date this Tracker Issue or Task was closed.

Last Modified Date – Date this Tracker Issues or Tasks was last updated.

11.3 Adding a New Tracker Item

Dependant upon which Tracker Item you are adding to a new submission, some of fields in may not display. Different user security settings have different abilities to add and edit Tracker Issues or Tasks.

To submit a new Tracker Issue or Task:

1. Login to **GForge**.
2. Navigate to the **Project**.
3. Click the **Tracker** tab.
4. Click the **Tracker Name** for the type of Tracker you are adding. Refer to Figure 11-1.
5. Click **Add new Tracker Issue or Task**.
6. Add the necessary **Tracker Issue or Task data**. Refer to Figure 11-4.
7. Click **Add**.

❖ **Note:** Refer to Section 11.4, Editing a Tracker , on page 11-5 for Tracker Issue or Task field descriptions.

11.4 Editing a Tracker Item

The Tracker Issue or Task Details screen is multipurpose in that you can view Tracker Item details, add comments, view the history, and add or delete attachments. To view Tracker Item details:

1. Click the **Projects** tab in the My Stuff page.
2. Click the **Project Name** link.
3. Click the **Tracker** tab within a Project.
4. Click the **Tracker Name**. Refer to Figure 11-1.
5. Click the **Summary** link. Refer to Figure 11-3.

FORGE Quick Jump To... Logged in: Tawni Plath (tawniplath) | [Log out](#)

Home My Stuff Users Search **Projects: docupdate** Snippets

Summary Reporting Search Forums **Tracker** Docs News Files Lists Wiki CVS Build

Home » Projects » GForge Documentation Update » Tracker » Bugs » Edit Tracker Item

Bugs

Browse

Query

E-mail Gateway

Monitor item

Workflow rules

[=2935] Docs out of date

[Move item](#) | [Delete Item](#) | [Clone Item](#) | [Merge Item](#)

Submitted By:
Scott Rubin

Open Date:
2006-07-28 17:13:12

Priority:
High

Assignee:
None
Tawni Plath

Found In Release:
None

Fixed In Release:
None

Product:
Software A

Hardware:
All

Status:*
Open

URL:

Resolution:
Accepted As Bug

Severity:
major

Version:
v1.0

Component:
None

Operating System:*
Windows 2000

Summary
Docs out of date

Details
All documents are out of date.

Messages Files Changes Commits Dependencies Duplicates Associations Time Tracking

Body
No Messages Were Found

Add new Tracker Item Message

Body

Save changes

Figure 11-4. Tracker Item Details

Submitted By – User who submitted this Tracker Issue or Task.

Open Date – Date the Tracker Issue or Task was submitted.

Priority – Priority display the importance of a Tracker Issue or Task. 1 is the lowest priority and 5 is the highest priority and should be completed first. Use for Bugs and Support Requests when you locate a critical problem with a Project.

Assignee – Person to whom this Tracker Issue or Task is assigned.

Found In Release – Select if the Tracker Issue or Task was located in a specific commit version.

Fixed In Release – Select if the Tracker Issue or Task was fixed in a specific commit version.

Hardware – Type of hardware associated with this Tracker Issue or Task.

Documentation – Documentation event associated with this Tracker Issue or Task.

Product – Select the Product with which this Tracker Issue or Task is associated, such as the version of the Project.

Component – Describe the function or module in which the Tracker Issue or Task appears. For example, in the GForge Project, this might include the Account Maintenance, Code Snippets, Forums, and such.

Severity – How severe this Tracker Issue or Task is.

URL – Uniform Resource Located associated with this Tracker Issue or Task.

Operating System – Select the Operating System with which this Tracker Issue or Task is associated.

Version – OS version associated with this Tracker Issue or Task.

Resolution – Current Resolution of this Tracker Issue or Task.

Status – Current State of the Tracker Issue or Task.

- ◆ **Open** – Active Tracker Issues or Tasks.
- ◆ **Closed** – Completed Tracker Issues or Tasks.

Summary – Short title for the Tracker Issue or Task.

Details – Detailed description of the Tracker Issue or Task submission.

- **Caution:** Do not enter passwords or confidential information in your message.

Messages – Previous information added to this Tracker Issue or Task via the Attach A Comment field.

Browse – Add files associated with this Tracker Issue or Task.

Save Changes – Submits the information into the GForge Tracker database. An e-mail is sent to you and any other users monitoring this Tracker.

11.4.1 Messages Tab

To add a comment to a current Tracker Issue or Task:

1. Navigate to the **Project** that contains the Tracker Issue or Task.
2. Select the **Tracker** tab.
3. Select the Tracker Issue or Task **Summary** to which you desire to add a comment.
4. Enter your comment in the **Add new Tracker Item Message (Body)** field.

Figure 11-5. Messages Tab

5. Click **Save Changes**. An e-mail is sent to you and any other users monitoring this Tracker.

11.4.2 Files Tab

Displays a list of files that have been uploaded.

File Name	File Type	File Size	Posted By	Delete
AdbRdr70_DLM_enu_full.exe	application/octet-stream	533704	Scott Rubin	<input type="checkbox"/> Delete

Figure 11-6. Files Tab

File Name – Name of the file.

File Type – Type of file uploaded.

File Size – Size of the uploaded file.

Posted By – User that uploaded the file.

Delete – Select before clicking Save changes to delete a file.

Add New File – Select before clicking Save changes to upload a file.

Browse – Click to upload a new file.

11.4.2.1 Adding a New File

To include a new file in a Tracker Issue or Task:

1. Select the Tracker Issue or Task **Summary** in which you desire to delete the attachment.
2. Click the **Files** tab.
3. Click the **Browse** button.
4. Navigate to the **file** and click the **Open** button.
5. Click the **Save changes** button.

11.4.2.2 Deleting a File

To delete a Tracker Issue or Task file attachment:

1. Select the Tracker Issue or Task **Summary** in which you desire to delete the attachment.
2. Click the **Files** tab.
3. Select the **Delete** checkbox next to the attachment you desire to delete.
4. Click the **Save changes** button.

11.4.3 Changes Tab

Audit trail of the Tracker Issue or Task.

Change Date	User Id	Field Name	Old Value	New Value
2006-07-21 12:28:22	Scott Rubin	assignee	Nobody	Removed

[Save changes](#)

Figure 11-7. Changes Tab

Change Date – Date the change took place.

User Id – User that made the change.

Field Name – Name of the field on which the change took place.

Old Value – Value that was changed.

New Value – Value to which the old value was changed.

11.4.4 Commits Tab

Commits (code changes that were committed to versioning and attached using the Tracker link) that you desire to add to this Tracker Issue or Task.

- ❖ **Note:** To attach a commit to any Tracker Item, simply put the Tracker Issue or Task Id in the commit log message like using this format: “[#1038] fixing bug reported”

File	Date	Previous Version	New Version	Message Log	By
No Commits Found					

[Save changes](#)

Figure 11-8. Commits Tab

File – Name of the file to which the commit is attached.

Date – Date the Commit was attached.

Previous Version – Size of the previous version.

New Version – Size of the new version.

Message Log – Log of the Commit added.

By – User that added the Commit.

11.4.5 Dependencies Tab

Items on which this Tracker Issue or Task is dependent or which Tracker Issues or Tasks are dependent on this Tracker Item.

ID	Summary	Delete
1502	GForge Admin Manual	<input type="checkbox"/>

No Dependencies Were Found

[Save changes](#)

Figure 11-9. Dependencies Tab

Dependent On: Comma-separated List of ID’s – List of IDs required by this item.

ID – Identification number of the Dependency.

Summary – Summarized information about the Dependency.

Delete – Select before clicking Save changes to delete a file.

11.4.5.1 Adding a Dependency

To include a dependency in a Tracker Issue or Task:

1. Select the Tracker Issue or Task **Summary** in which you desire to add the dependency.
2. Click the **Dependencies** tab.
3. Click the **Browse Tracker Issues or Tasks** link.
4. Select the **Item #**.
5. Click the **Save changes** button.

11.4.5.2 Deleting a Dependency

To delete a Tracker Issue or Task dependency:

1. Select the Tracker Issue or Task **Summary** in which you desire to delete the dependency.
2. Click the **Dependencies** tab.
3. Select the **Delete** checkbox next to the dependency you desire to delete.
4. Click the **Save changes** button.

11.4.6 Duplicates Tab

Sometimes users submit multiple Tracker Issues or Tasks for the same issue, and you may desire to link all of the items together.

ID	Summary	Delete
2936	dfsddf	<input type="checkbox"/>
3124	Test tracker item 1	<input type="checkbox"/>

ID	Summary
No Duplicates Were Found	

Figure 11-10. Duplicates Tab

Duplicate: Comma-separated List of ID's – List of IDs required by this item.

Browse Items – Click to select a Duplicate Tracker Issue or Task.

Duplicate of Items – List of Duplicate Tracker Issues or Tasks.

ID – Identification number of the Duplicate Tracker Issue or Task you desire to close.

Summary – Summarized information about the Duplicate Tracker Issues or Tasks you desire to close.

Delete – Select before clicking Save changes to closing a file.

Items that are Duplicates – List of Duplicate Tracker Issues or Tasks.

11.4.6.1 Adding a Duplicate

To include a duplicate in a Tracker Issue or Task:

1. Select the Tracker Issue or Task **Summary** in which you desire to add the duplicate.
2. Click the **Duplicates** tab.
3. Click the **Browse Items** link.
4. Select the **Item #**.
5. Click the **Save changes** button.

11.4.6.2 Deleting a Duplicate

To delete a Tracker Issue or Task duplicate:

1. Select the Tracker Issue or Task **Summary** in which you desire to delete the duplicate.
2. Click the **Duplicates** tab.
3. Select the **Delete** checkbox next to the duplicate you desire to delete.
4. Click the **Save changes** button.

11.4.7 Associations Tab

Associations allow you to link Tracker Issues or Tasks to file releases, documents, other Tracker Issues or Tasks, and wiki pages.

Associated Item	Comment	Delete
Tracker Item: GForge Admin Manual	Admin Update too	Delete

[Add Association](#)

[Save changes](#)

Figure 11-11. Associations Tab

Associated Item – Item to which this Tracker Issue or Task is associated, such as file releases, document, other Tracker Issues or Tasks, and wiki pages.

Comment – Information added to this Tracker Issue or Task concerning the association.

Delete – Select before clicking Save changes to closing a file.

Add Association – Click to associate the Tracker Issue or Task with another event.

11.4.7.1 Adding an Association

To include an Association in a Tracker Issue or Task:

1. Select the Tracker Issue or Task **Summary** in which you desire to add the Association.
2. Click the **Associations** tab.
3. Click the **Add Association** button.
4. Select the **Plugin** with which to associate.
5. Enter the **Item ID** with which to associate.
6. Enter a **Comment** describing the association.

7. Click the **Save changes** button.

Figure 11-12. Add Association

11.4.7.2 Deleting an Association

To delete a Tracker Issue or Task Association:

1. Select the Tracker Issue or Task **Summary** in which you desire to delete the Association.
2. Click the **Associations** tab.
3. Select the **Delete** checkbox next to the Associations you desire to delete.
4. Click the **Save changes** button.

11.4.8 Time Tracking Tab

Enter time requirements for this Tracker Issue or Task.

Date Entry	User	Hours	Time Category
2007-02-06 00:00:00	Scott Rubin	10	Coding
2007-02-05 00:00:00	Scott Rubin	3	Testing
Total:		13	

Figure 11-13. Time Tracking Tab

Data Entry – Date and time the hours where logged.

User – Person who logged the hours.

Hours – Number of hours logged.

Time Category – Time category with which to associate this timed Tracker Issue or Task.

Total – Total number of hours logged to date.

Add New Time Entry – Enter the date on which the hours where worked.

Hours – Enter the number of hours worked.

Time Category – Select the category with which to associate this timed Tracker Issue or Task.

11.4.8.1 Adding Time to a Tracker Issue or Task

To add time in a Tracker Issue or Task:

1. Select the Tracker Issue or Task **Summary** in which you desire to add the Association.
2. Click the **Time Tracking** tab.
3. Enter the date on which the hours were worked in the **Add New Time Entry** field.
4. Enter the number of **Hours** worked.
5. Select the **Time Category** with which to associate this timed Tracker Issue or Task.
6. Click the **Save changes** button.

11.5 Moving a Tracker Issue or Task

You can move a Tracker Issue or Task from one Tracker folder to another.

- ❖ **Note:** Moving a Tracker Issue or Task permanently deletes any extra, custom fields that you have added.

To move a Tracker Issue or Task:

1. Click the **Summary** link next to the Tracker Item you desire to move. Refer to Figure 11-3.
2. Click the **Move Item** link.

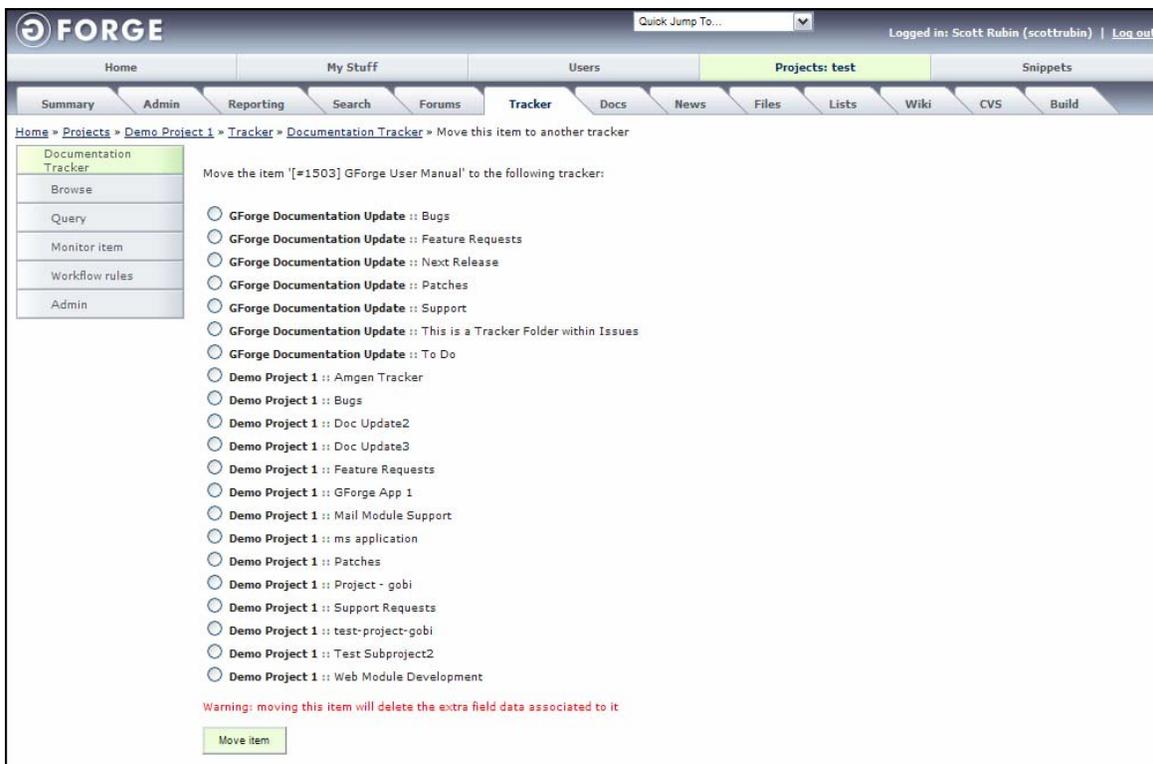


Figure 11-14. Move Tracker Issue or Task

3. Select the **Tracker Folder** where you desire to move the Tracker Issue or Task.
4. Click the **Move item** button.

11.6 Deleting a Tracker Item

To delete a Tracker Issue or Task:

1. Click the **Summary** link next to the Tracker Issue or Task you desire to delete. Refer to Figure 11-3.
2. Click the **Delete Item** link.
3. Select the **Confirm deletion** checkbox.
4. Click the **Delete** button.

11.7 Cloning a Tracker Item

To clone a Tracker Issue or Task and make a duplicate of it excluding historical references:

1. Click the **Summary** link next to the Tracker Issue or Task you desire to delete. Refer to Figure 11-3.
2. Click **Clone Item** within the Tracker Issue or Task you desire to clone.



Figure 11-15. Cloning a Tracker Item

3. Select the **Confirm Clone** checkbox.
4. Click the **Save Changes** button.

11.8 Merging a Tracker Issue or Task

To merge a Tracker Issue or Task with another Tracker Issue or Task:

1. Click the **Summary** link next to the Tracker Issue or Task you desire to merge. Refer to Figure 11-3.
2. Click **Merge Item** within the Tracker Issue or Task you desire to merge.

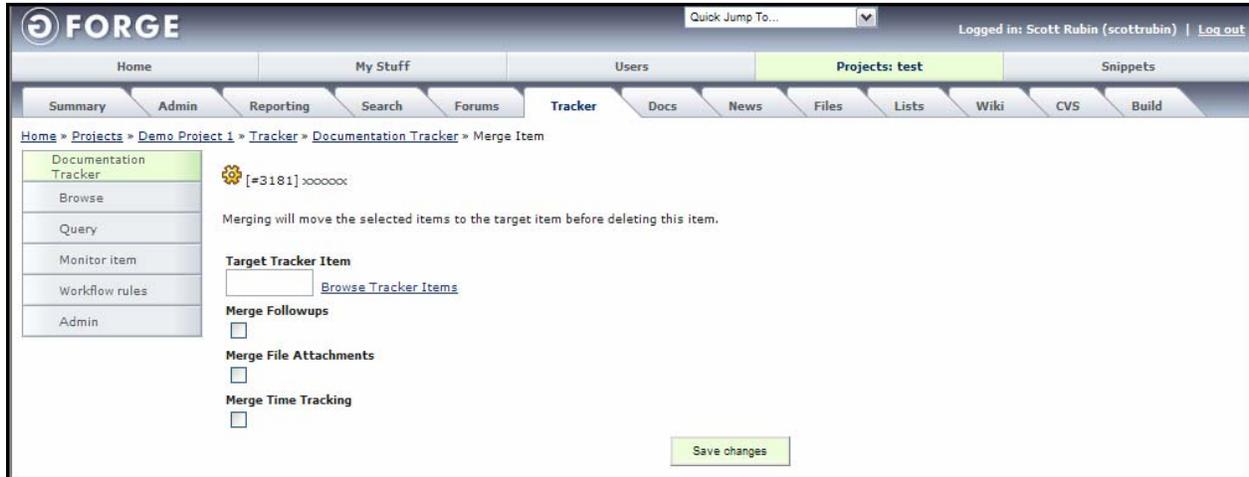


Figure 11-16. Merging a Tracker Issue or Task

3. Click the **Browse Tracker Items** link and select the Tracker Issue or Task with which you would like to merge.
4. Select the **Merge Followups** checkbox to include historical data with the other Tracker Item.
5. Select the **Merge File Attachment** checkbox to include attached files with the other Tracker Issue or Task.
6. Select the **Merge Time Tracking** checkbox to include time data with the other Tracker Item.
7. Click the **Save changes** button.

11.9 Tracker Query

Use the Tracker Query to configure pre-defined search criteria with which to search for Tracker Item.

1. Click the **Tracker** tab.
2. Select the **Tracker Name** you desire to monitor. Click the **Query** link in the left menu.



Figure 11-17. Tracker Query

11.9.1 Adding a Tracker Query

To add a Tracker Query:

1. Click the **Tracker** tab.
2. Select the **Tracker Name** you desire to monitor.
3. Click the **Query** link. Refer to Figure 11-17. Tracker Query.
4. Click the **Add new Tracker Query** button.
5. Enter the **data**.
6. Click the **Save changes** button.


Quick Jump To...
Logged in: Scott Rubin (scottrubin) | [Log out](#)

[Home](#) | [My Stuff](#) | [Users](#) | **[Projects: test](#)** | [Snippets](#)

[Summary](#) | [Admin](#) | [Reporting](#) | [Search](#) | [Forums](#) | **Tracker** | [Docs](#) | [News](#) | [Files](#) | [Lists](#) | [Wiki](#) | [CVS](#) | [Build](#)

Home » Projects » Demo Project 1 » Tracker » Documentation Tracker » Add new Tracker Query

Documentation Tracker

Browse

Query

Monitor tracker

Workflow rules

Admin

Edit Tracker Query

Priority:

High
Medium High
Medium
Low
Very Low

Documentation:

None
Numbering
Spell Check
Reflow
Spell Check

Product:

None
Software A

Component:

None
Cog B
Cog A

Severity:

None
enhancement
trivial
minor
normal
major
critical
blocker

Status:

Closed
Open
Hold

Last Modified Date range

Open Date range

Close Date range

Sort By

ID

Query Name *

Assignee:

None
Ruben Gutierrez
Tony Bibbs
Marcelo Mottali
Matt Diephouse
Demo User
Timothy Perdue
Scott Rubin
Steve Hawkins
Doug Coker

Hardware:

None
Other
Sun
SGI
PC
Macintosh
HP
DEC
All

Operating System:

None
other
SunOS
Solaris
OSF/1
OS/2
OpenVMS
Neutrino
IRIX
HP-UX

Version:

None
v1.1
v1.0

Resolution:

None
Works For Me
Awaiting Response
Invalid
Won't Fix
Fixed
Accepted As Bug

Order

Ascending

Figure 11-18. Adding a Tracker Query

- ❖ **Note:** Refer to Section 11.4, Editing a Tracker , on page 11-5 for Tracker Issue or Task field descriptions.

Last Modified Date Range – To sort by the last date the Tracker Issue or Task was modified, enter a date range.

Open Date Range – To sort by the date when the Tracker Issue or Task was opened, enter a date range.

Close Date Range – To sort by the date when the Tracker Issue or Task was closed, enter a date range.

Sort By – Field under which you desire to sort the Query.

Order – Select to view the Tracker Query in Ascending or Descending order.

Query Name – Name of the Query.

11.9.2 Editing a Tracker Query

To edit a Tracker Query:

1. Click the **Tracker** tab.
2. Select the **Tracker Name** you desire to query.
3. Click the **Query** link. Refer to Figure 11-17. Tracker Query.
4. Click the **Edit** link next to the Query you desire to edit.
5. Edit the **data fields**.
6. Click the **Save changes** button.

11.9.3 Running a Tracker Query

To run a Tracker Query:

1. Click the **Tracker** tab.
2. Select the **Tracker Name** you desire to monitor.
3. Click the **Query** link. Refer to Figure 11-17. Tracker Query.
4. Click the **Run Query** link.

11.9.4 Deleting a Tracker Query

To delete a Tracker Query:

1. Click the **Tracker** tab.
2. Select the **Tracker Name** you desire to monitor.
3. Click the **Query** link. Refer to Figure 11-17. Tracker Query.
4. Click the **Delete** link.
5. Click the **Confirm Deletion** checkbox.
6. Click the **Delete** button.

11.9.5 Exporting a Tracker Query

To export a Tracker Query:

1. Click the **Tracker** tab.
2. Select the **Tracker Name** you desire to monitor.
3. Click the **Query** link. Refer to Figure 11-17. Tracker Query.
4. Click the **cvs**, **xls**, or **xml** link.
5. Click the **Open** button to view the file or click the **Save** button to save the file.

11.10 E-Mail Gateway

Use the e-mail gateway to add new Tracker Issues or Tasks or respond to Tracker Issues or Tasks via e-mail.

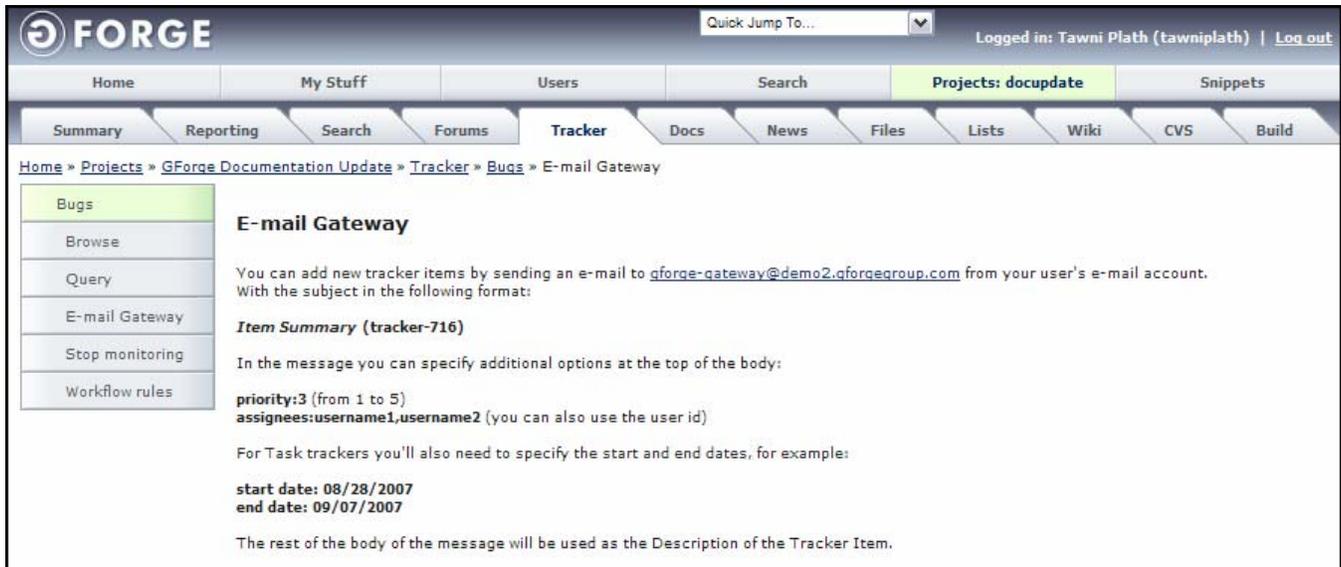


Figure 11-19. E-Mail Gateway

To add a new Tracker Issue or Task via e-mail.

1. Click the **Tracker** tab.
2. Select the **type** of Tracker Issue or Task you desire to add a item to.
3. Select **E-mail Gateway**.
4. Click the **e-mail link** in the E-mail Gateway.

The Subject of the e-mail is the Tracker ID formatted as follows: "Summary of new Tracker Issue or Task" (tracker-718).

The Body of the e-mail lists the following information:

- ◆ **priority: 1 to 5:** 1 being the lowest priority and 5 being the highest priority and should be completed first.
 - ◆ **assignees: username1, username2.** You can also enter a person's User ID.
5. For Task Trackers, specify the start and end dates. For example:
 - ◆ **start date: 08/14/2007**
 - ◆ **end date: 08/24/2007**
 6. Enter the Tracker Issue or Task **Description** in the rest of the body of the message.
 7. Click **Send**.

11.11 Monitoring a Tracker

You can monitor activity within a Tracker, such as Bugs or Support Requests. To receive e-mails when a Tracker Issue or Task has an entry added:

1. Click the **Tracker** tab.
2. Select the **Tracker Name** you desire to monitor. Refer to Figure 11-1.
3. Click the **Tracker Summary** of the Tracker you desire to monitor.
4. Click the **Monitor Item** link. The link changes to Stop Monitoring and you receive an e-mail whenever an Tracker Issue or Task is added to the Tracker.

11.11.1 Stopping Tracker Monitor

To end receiving e-mails when a Tracker has a Tracker Issue or Task added:

1. Click the **Tracker** tab.
2. Select the **Tracker Name** you desire to stop receiving e-mails about. Refer to Figure 11-1.
3. Click the **Tracker Summary** of the Tracker you desire to stop monitoring.
4. Click the **Stop Monitoring**. You no longer receive an e-mail when an Tracker Issue or Task is added to this Tracker. The link changes to Monitor Tracker.

11.12 Tracker Workflow Rules

Use Transition Workflow Rules the Project Administrator has assigned to you.



Field Name	From Value	To Value	Roles that may make this change	Required fields for this change	Notify on Change
Resolution	Works For Me	Awaiting Response	Admin	Resolution	Default Role

Figure 11-20. Workflow Rules

Field – Field that is required to be changed to force the rule to be issued.

From Value – Current value that must change in order for the message to be sent.

To Value – New value that the Field must be change to in order for the message to be sent.

Roles that may make this change – Users who may make the change.

Required fields for this change – Fields required when the change is made.

Notify on Change – Who is notified when the change occurs.

11.13 Mass Updating Fields in Tracker

To perform a Mass Update that changes multiple Tracker Issues or Tasks within a Tracker:

1. Click the **Tracker** tab.
2. Select the **checkboxes** next to the Trackers to which you desire to update.
3. Enter the necessary **changes**.
4. Click the **Mass update** button to apply all changes to the selected Tracker Issues or Tasks within this Project.

The screenshot shows the GForge Tracker interface. At the top, there is a navigation bar with tabs for Home, My Stuff, Users, Search, Projects: docupdate (selected), and Snippets. Below this is a secondary navigation bar with tabs for Summary, Reporting, Search, Forums, Tracker (selected), Docs, News, Files, Lists, Wiki, CVS, and Build. The main content area shows a breadcrumb trail: Home » Projects » GForge Documentation Update » Tracker » Bugs » Browse Tracker Item. On the left, there is a sidebar with a 'Bugs' section containing links for Browse, Query, E-mail Gateway, Stop monitoring, and Workflow rules. The main area displays a table of Tracker items with columns for ID, Summary, Delete, Priority, Assignee, Submitted By, Status, Open Date, Close Date, and Last Modified Date. Two items are selected: ID 2935 (Summary: Docs out of date) and ID 3465 (Summary: Tracker release example for reporting). Below the table, there is a 'Mass update' form with various dropdown menus for Priority, Found In Release, Product, Status, Severity, Component, Assignee, Fixed In Release, Hardware, Resolution, Version, and Operating System. A 'Mass update' button is located at the bottom of the form. The GForge logo and 'Advanced Server' text are visible at the bottom of the page.

ID	Summary	Delete	Priority	Assignee	Submitted By	Status	Open Date	Close Date	Last Modified Date
<input type="checkbox"/> 2935	Docs out of date	Delete	1	Nobody	Scott Rubin	Open	2006-07-28		2006-07-28
<input type="checkbox"/> 3465	Tracker release example for reporting	Delete	1	Nobody	Tawni Plath	Open	2007-08-27		2007-08-27

Figure 11-21. Mass Update of Data Elements

Section 12 – Document Manager

Use the Docs tab in a Project to view or edit existing documents, or to submit a new document for approval and publishing. The document manager supports versioned document management and has an approval queue so Doc Editors can approve new versions of documents before they are published.

Full functionality is provided to let you organize documents into a tree-like hierarchy.



Figure 12-1. Docs Tab

Navigation – Location of the Document.

File name – Name of the file. Click to view the file.

Size – Size of the file.

Author – User that uploaded the file.

Locked – Displays if the document is safeguarded against uploads.

View Details – Historical details about a document associated with a Project.

Version – Version of the document.

Downloads – Number of times the file has been downloaded.

Add New File – Click to add a new document to the Project.

12.1 Viewing Existing Documents

To view documents associated with a Project:

1. Click the **Docs** tab.
2. Click the **Navigation folder** in which the document resides.
3. Click the **File name** you desire to view.

❖ **Note:** If the document you desire to view is not visible, you may not have the required security.

12.1.1 Viewing Historical Document Details

To view historical details about a document associated with a Project:

1. Click the **Docs** tab.
2. Click the **Navigation folder** in which the document resides.
3. Click the **View Details** link next to the document.

The screenshot shows the GForge web interface. At the top, there is a navigation bar with tabs for Home, My Stuff, Users, Search, Projects: docupdate (selected), and Snippets. Below this is a secondary navigation bar with tabs for Summary, Reporting, Search, Forums, Tracker, Docs (selected), News, Files, Lists, Wiki, CVS, and Build. The main content area shows the breadcrumb path: Home » Projects » GForge Documentation Update » Docs » Edit Document. On the left, there is a sidebar with a 'Doc Manager' section containing links for Browse, Monitor this document, and Admin. The main content area is titled 'View Details' and displays the following information:

- Document ID:** 1455
- Locked:** (Unlocked)
- Description:** Title page for all docs.

Below this information, there are two tabs: 'Versions' (selected) and 'Associations'. The 'Versions' tab contains a table with the following data:

Download	Version	Changes	Date	Author
01 Title Page.doc	1		07/28/06	Scott Rubin

At the bottom right of the table, there is a button labeled 'Add New Version'.

Figure 12-2. Historical Document Details

12.1.2 Versions Tab

Download – Name of the file. Click to view the file.

Version # – Version of the document.

Changes – Describes what change was made.

Date – Date change occurred.

Author – User that uploaded the file.

12.1.3 Associations Tab

Associations allow you to associate file releases, documents, Tracker Items, and wiki pages.

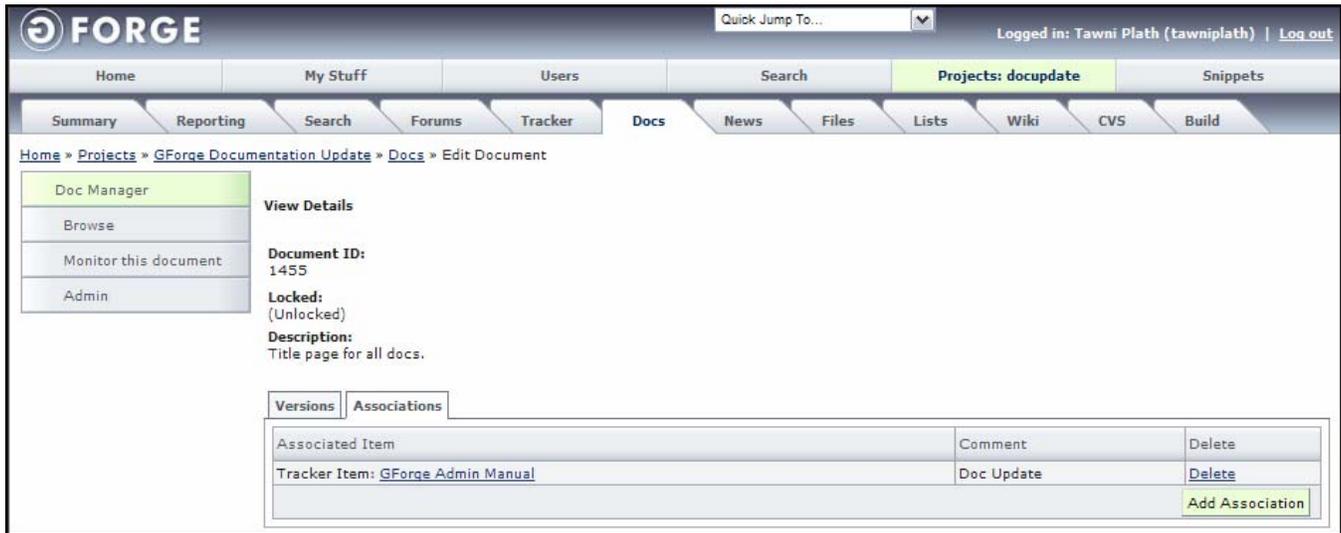


Figure 12-3. Associations Tab

Associated Item – Item to which this Document is associated, such as file releases, document, other Tracker Items, and wiki pages.

Comment – Information added to this Document concerning the association.

Delete – Select before clicking Save changes to delete a file.

Add Association – Click to associate the Document with another event.

12.1.3.1 Adding an Association

To include an Association in a Tracker Item:

1. Select the **Doc** tab.
2. Navigate to the **Document**.
3. Select the **Document Name**.
4. Select the **View Details** link in which you desire to add the Association.
5. Click the **Associations** tab.
6. Click the **Add Association** button.
7. Select the **Plugin** with which to associate.
8. Enter the **Item ID** with which to associate.
9. Enter a **Comment** describing the association.
10. Click the **Add** button.

Figure 12-4. Add Association

12.2 Adding a New Document

To add a new document:

1. Click the **Docs** tab.
2. Select the **folder** in the Navigation column where you desire to store the document.
3. Click the **Add New File** button.
4. Click the **Browse** button.
5. **Navigate** to the file you are submitting and click **Open**.
6. Enter a **Description** of the file.
7. Click the **Upload** button.

Figure 12-5. Submit Document

After your document has been uploaded, the Project Administrator must approve it before it becomes public. Once the file is approved, it appears in the list on the **Docs** tab window.

12.2.1 Submitting a New Version of a Document

To submit a new document version:

1. Click the **Docs** tab.
2. Click the **Navigation folder** in which the document resides.
3. Click the **View Details** link next to the document.
4. Click the **Add New Version** link.
5. Click the **Browse** button.
6. **Navigate** to the file you are submitting and click **Open**.
7. Enter a **Description** of the file.
8. Click the **Upload** button.

After your document has been uploaded, the Project Administrator must approve it before it becomes public. Once the file is approved, it appears in the list on the **Docs** tab window.

12.3 Monitoring a Document

To receive e-mails when a Document is changed:

1. **Login** to GForge.
2. Navigate to the **Project** that contains the Document you desire to monitor.
3. Click the **Docs** tab.
4. Navigate to the **Document Name** you desire to monitor.
5. Click **Monitor documents**. The link changes to Stop Monitoring and you receive an e-mail whenever the documents change.

12.3.1 Stopping a Document Monitor

To end receiving e-mails when a Document has changed:

1. **Login** to GForge.
2. Navigate to the **Project** that contains the Document you desire to end monitoring.
3. Click the **Docs** tab.
4. Navigate to the **Document Name** you desire to end monitoring.
5. Click **Stop Monitoring**. You no longer receive an e-mail when the documents change. The link changes to Monitor documents.

Section 13 – News

The News tab displays all News articles about the selected Project, such as milestones, releases, or significant changes to the Project. Each item that is submitted will be available to the site administrator, who can select to display it on the home page of the site. You can view articles from the News tab.

The screenshot shows the GForge web interface. At the top, there is a navigation bar with tabs for HOME, MY STUFF, USERS, PROJECTS: TEST (highlighted), and SNIPPETS. Below this is a secondary navigation bar with tabs for SUMMARY, ADMIN, REPORTING, SEARCH, FORUMS, TRACKER, DOCS, NEWS (highlighted), FILES, LISTS, WIKI, BUILD, and CLEARCASE SCH. The main content area displays a list of news articles under the heading 'News'. On the left side of the main content area, there is a sidebar with buttons for 'Monitor news' and 'Admin'. The news articles are listed in a table with two columns: 'Post Date' and 'Summary'.

Post Date	Summary
2005-09-20	Posted By: Tawni Plath Will this work Will this work
2005-09-20	Posted By: Tawni Plath Submit New Article Test Testing still
2005-09-19	Posted By: Tawni Plath News Release for Test Project This is an example News release.
2005-09-19	Posted By: Tawni Plath testing news testing newssssdffsdfsdffs
2005-09-12	Posted By: Tawni Plath News test for request l;dkjfsldkfgjsdlkfj asdlkfsdlkfgj sadlkfgjlsdkjfsddf
2004-09-23	Posted By: Francisco Gimeno Testing NEWS for non-admin users This is a Test. Please, ignore this message.
2003-11-25	Posted By: Timothy Pardue New Requirements Deadline test
2002-12-31	Posted By: Timothy D Pardue Project Approval Corporate has approved the budget to develop the next release of our web application engine.
2002-12-30	Posted By: Timothy Pardue Test News 555 Test News 555Test News 555v
2002-12-10	Posted By: Timothy Pardue Version 2.0 Release Our latest release of version 2.0 will be available by the end of this month.

Figure 13-1. News

Post Date – Date the News article was posted.

Summary – Summary of who posted the News article and what it is about.

13.1 Viewing News Articles

To view a News article:

1. Click the **News** tab within a Project.
2. Click the **News article** you desire to view.

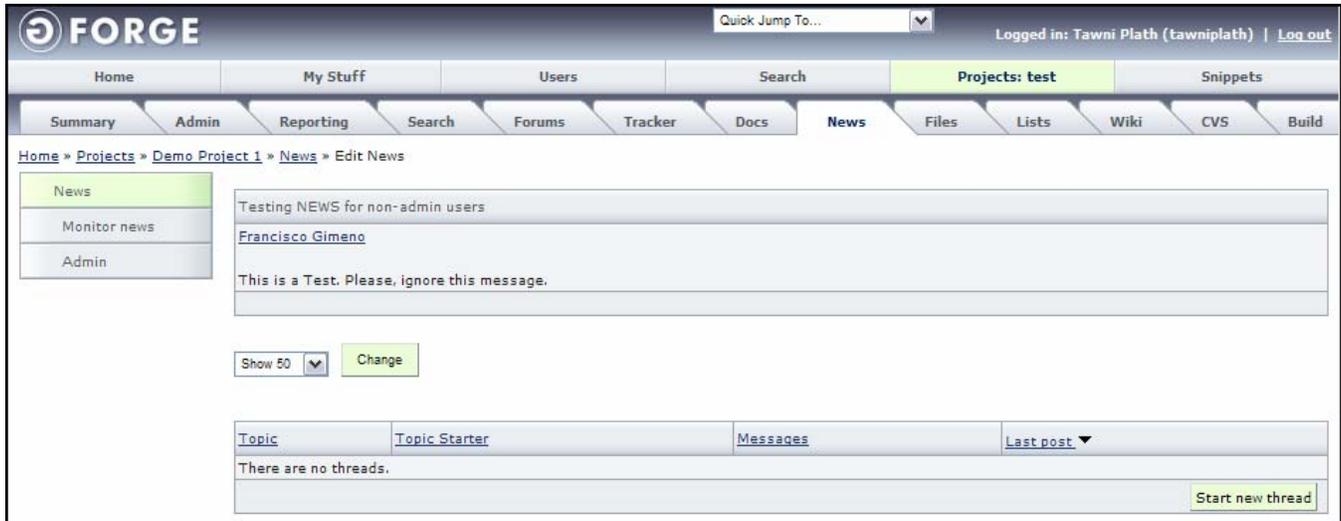


Figure 13-2. News View

Posted By – Name of person posting the News article.

View – Select how many News articles you desire to view and click the Change button.

Topic – List of topics or threads in news. Refer to Section 10, Forums.

Topic Starter – Name of person who began the topic Thread. Refer to Section 10, Forums.

Messages – Number of Messages to the original Thread. Refer to Section 10, Forums.

Last Post – Date and time of the last posted entry. Refer to Section 10, Forums.

13.1.1 Start New Thread

Use the Start New Thread link to add comments or messages to an existing new article.

To Start a New Thread:

1. **Login** to GForge.
2. Click the **Project** tab.
3. **Search** for the Project with the New you desire to add a comment to.
4. Click the **News** tab.
5. Click the **News** article you desire to add a comment to.
6. Click the **Start New Thread** button.

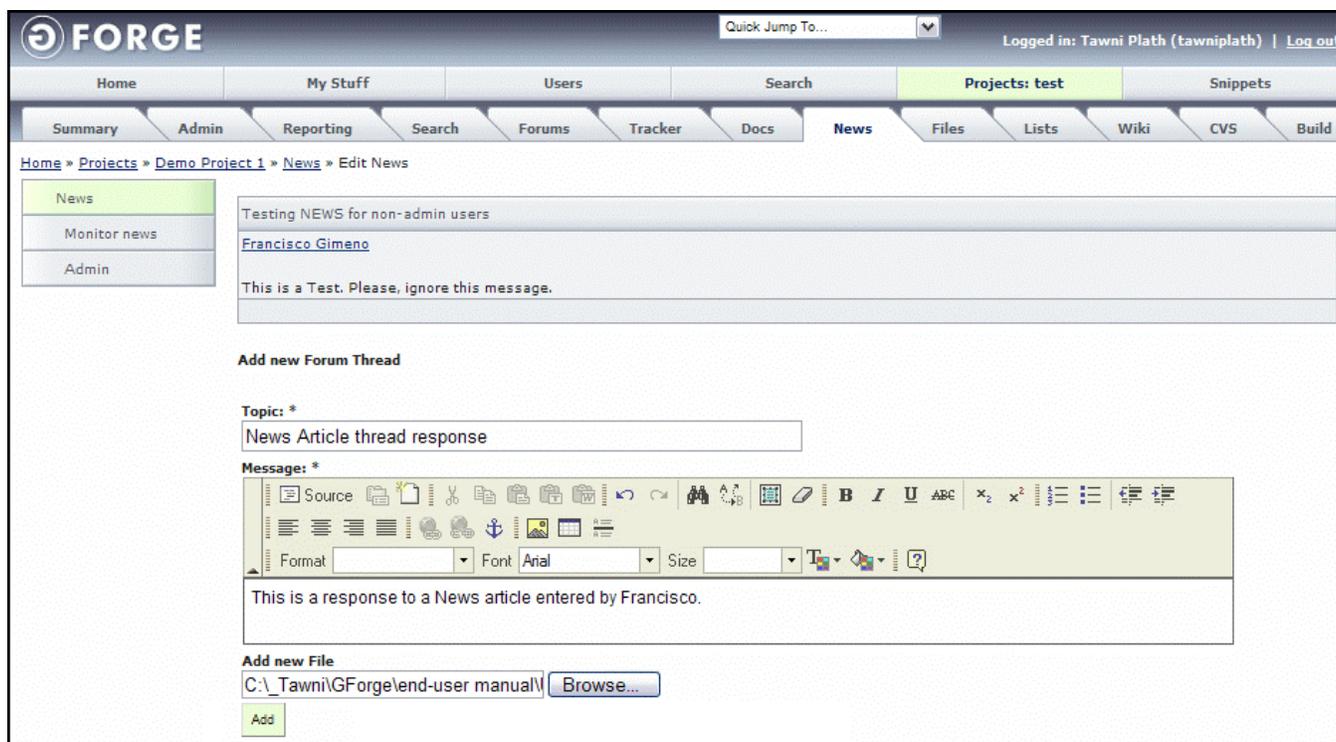


Figure 13-3. Start a New Thread

7. Enter a **topic** and a **message**.
8. Click Browse to **Add new Files** as necessary.
9. Click the **Add** button.

13.2 Monitoring News

To receive e-mails when a News article is changed:

1. **Login** to GForge.
2. Navigate to the **Project** that contains the News article you desire to monitor.
3. Click the **News** tab.
4. Navigate to the **News article** you desire to monitor.
5. Click **Monitor news**. The link changes to Stop Monitoring and you receive an e-mail whenever the News article changes.

13.2.1 Stopping a News Article Monitor

To end receiving e-mails when a News article has changed:

1. **Login** to GForge.
2. Navigate to the **Project** that contains the News article you desire to end monitoring.
3. Click the **News** tab.
4. Navigate to the **News article** you desire to end monitoring.
5. Click **Stop Monitoring**. You no longer receive an e-mail when the News article changes. The link changes to Monitor News.

Section 14 – Files

Use the Files tab to view file Releases associated with your Project that have been uploaded to GForge. Files are organized into Packages and Releases and each Release may contain multiple files.

Packages are distinct modules within your Project, for example a documentation module is a separate Package from the binary module.

Releases are distinct versions of Packages, such as 1.0, 1.1, or 1.2. Since each version may have multiple platforms, Windows, Linux, Solaris, and such, a Release may contain multiple files.

Package Name	Latest Release	Maturity	Files	FileSize	Downloads
ce-app	1.1	Not Categorized	mirc345.exe	27.56 Kb	171
ce-lib	testing-sendnotice	Not Categorized	base64.jar	5.48 Kb	1237
	test-release	Not Categorized	kiloxy.zip	17.2 Kb	213
ce-smtp	1.0_0	Not Categorized	smtp.zip	1.24 Mb	1

Figure 14-1. Files

Package Name – Name and version of Project Package and Version numbers. Click to view Notes concerning the Package.

Latest Release – Date of the latest Release.

Maturity – The maturity date is selected at the time of creating the Release.

Files – Number of files in this Package.

File Size – Size of Package file.

Downloads – Number of times this file has been downloaded.

14.1 Viewing a File Package

You can monitor activity within a File. To receive e-mails when a File has an entry added:

1. Click the **Files** tab.
2. Select the **Package Name** you desire to view. Refer to Figure 14-1.

Release Name	Release Date	File Size	Download Count
1.1	2004-09-07 16:59:00		
mirc345.exe		28 KB	171
1.0	2004-07-23 17:45:00		
mirc616.exe		1 MB	89

Figure 14-2. Viewing a File

3. Click the **Release Name** that you desire to view.

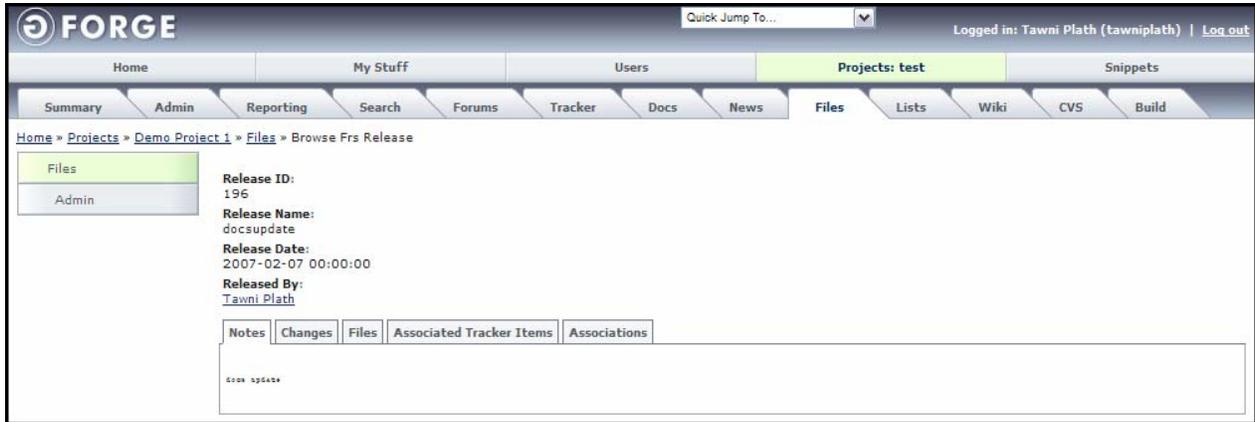


Figure 14-3. File Package Details

Release ID – Internal identification number associated with this file.

Release Name – Name of the file Release.

Release Date – Date the file was uploaded.

Released By – Person who uploaded the file.

14.1.1 Notes Tab

To view the notes for a particular release:

1. Select the **Files** tab.
2. Select the **Package Name** you desire to view.
3. Click the **Release Name** that you desire to view.
4. View the comments in the **Notes** field.



Figure 14-4. Notes Tab

14.1.2 Changes Tab

The changes tab will include any Change Log information that was submitted by the project admin.



Figure 14-5. Changes Tab

14.1.3 Files Tab

Displays a list of files that have been attached to this release.

Files	FileSize	Downloads	Md5 Hash
01 Title Page.doc	365568	2	

Figure 14-6. Files Tab

Files – Name of the file.

File Size – Size of the uploaded file.

Downloads – Number of times the file has been uploaded.

Md5 Hash – 32-character hexadecimal number expressing the file size.

14.1.4 Associated Tracker Items Tab

GForge Trackers can have ‘FRS Release’ custom fields created for each Tracker. When you create this type of field, and edit or add Tracker Items, you can choose a release from the field you added. When viewing a particular release, you can then view any Tracker Items linked with this release.

Tracker Name	Field Name	Tracker Item Id	Summary	Open Date
No Tracker Items Found				

Figure 14-7. Associated Tracker Items Tab

Tracker Name – Name of the Tracker with which this file is associated.

Field Name – Name of the Tracker Field with which this file is associated.

Tracker Item ID – Tracker Item identification number to which this file is associated.

Summary – Information added to this Tracker Item concerning the file association.

Open Date – Date the file association occurred.

14.1.5 Associations Tab

Associations allow you to attach Tracker Items, wiki pages, documents and other artifacts to file Releases.

Notes	Changes	Files	Associated Tracker Items	Associations
Associated Item		Comment		Delete
Tracker Item: dfsddf		add comments here		Delete
Add Association				

Figure 14-8. Associations Tab

Associated Item – Item to which this file is associated.

Comment – Information added to this file concerning the association.

Delete – Select before clicking Save changes to delete a file.

Add Association – Click to associate the Tracker Item with another event.

14.1.5.1 Adding an Association

To include an Association in a Tracker Item:

1. Select the **Files** tab.
2. Select the **Package Name** you desire to view.
3. Click the **Release Name** that you desire to view.
4. Click the **Associations** tab.
5. Click the **Add Association** button.
6. Select the **Plugin** with which to associate.
7. Enter the **Item ID** with which to associate.
8. Enter a **Comment** describing the association.
9. Click the **Add** button.

Figure 14-9. Add Association

14.1.5.2 *Deleting an Association*

To delete a File Association:

1. Select the **Files** tab.
2. Select the **Package Name** you desire to view.
3. Click the **Release Name** that you desire to view.
4. Click the **Associations** tab.
5. Select the **Confirm Delete** checkbox next to the Associations you desire to delete.
6. Click the **Delete** button.

14.1.6 **Monitoring a File Package**

You can monitor activity within Files. To receive e-mails when a File has an entry added or altered:

1. Click the **Files** tab.
2. Select the **Package Name** you desire to monitor. Refer to Figure 14-1.
3. Click the **Monitor Package** link.

14.1.7 **Stopping File Package Monitoring**

To end receiving e-mails when a File package is changed:

1. Click the **Files** tab.
2. Select the **Package Name** you desire to monitor. Refer to Figure 14-1.
3. Click the **Stop Monitoring**. You no longer receive an e-mail when an File is added. The link changes to Monitor Package.

Section 15 – Mailing Lists

GForge provides an integration with the GNU Mailman program, so you can create full-featured mailing lists.

You can subscribe to mailing lists in GForge to receive an e-mail when a message is posted by another member. Once a month, the Mailman e-mails you your password and instructions on how to edit your preferences or unsubscribe.

15.1 Subscribing to a Mailing List

To subscribe to an e-mail list:

1. Click the **Lists** tab within a Project.
2. Click the Mailing List **Subscribe/Unsubscribe/Preferences** link to which you desire to subscribe.



List Name	Description	Subscription	Create Date
test-commits archives	cvs commits	Subscribe/Unsubscribe/Preferences	2006-05-02 15:47:48
test-tawni archives	Mailing List Test	Subscribe/Unsubscribe/Preferences	2006-05-02 15:47:48
test-1234 archives		Subscribe/Unsubscribe/Preferences	2006-05-02 15:47:48

Figure 15-1. Lists

3. Enter your **E-mail Address**. Refer to Figure 15-3.
4. Enter your **Name**.
5. Enter your **Password**.
6. Reenter your **Password**.
7. Select whether to **receive list mail batched in a daily digest**.
8. Click **Subscribe**.
9. **Reply** to the e-mail sent to you by GForge.
 - **Caution:** If the link does not work, enter the letter “s” after http. For example, enter https://
10. Click **Subscribe to list Test-Commits**. Refer to Figure 15-2.

Confirm subscription request

Your confirmation is required in order to complete the subscription request to the mailing list *Test-commits*. Your subscription settings are shown below; make any necessary changes and hit *Subscribe* to complete the confirmation process. Once you've confirmed your subscription request, you will be shown your account options page which you can use to further customize your membership options.

Note: your password will be emailed to you once your subscription is confirmed. You can change it by visiting your personal options page.

Or hit *Cancel my subscription request* if you no longer want to subscribe to this list.

Your email address: sara@diamondheaddoc.com
Your real name:
Receive digests? No Yes
Preferred language: ▼

Figure 15-2. Confirm Subscription Request

Testproject-commits --

About Testproject-commits English (USA)

To see the collection of prior postings to the list, visit the [Testproject-commits Archives](#).

Using Testproject-commits

To post a message to all the list members, send email to testproject-commits@localhost.localdomain.

You can subscribe to the list, or change your existing subscription, in the sections below.

Subscribing to Testproject-commits

Subscribe to Testproject-commits by filling out the following form. You will be sent email requesting confirmation, to prevent others from gratuitously subscribing you. This is a private list, which means that the list of members is not available to non-members.

Your email address:	<input type="text" value="scott@diamondheaddoc.com"/>
Your name (optional):	<input type="text" value="scott Rubin"/>

You may enter a privacy password below. This provides only mild security, but should prevent others from messing with your subscription. **Do not use a valuable password** as it will occasionally be emailed back to you in cleartext.

If you choose not to enter a password, one will be automatically generated for you, and it will be sent to you once you've confirmed your subscription. You can always request a mail-back of your password when you edit your personal options. Once a month, your password will be emailed to you as a reminder.

Pick a password:	<input type="password" value="*****"/>
Reenter password to confirm:	<input type="password" value="*****"/>

Which language do you prefer to display your messages? English (USA)

Would you like to receive list mail batched in a daily digest? No Yes

Testproject-commits Subscribers



version 2.1.5





Figure 15-3. Mailing List Submission

Archives – View a complete list of all previous mailings for this list.

email@list.gforge.org – Click to add a comment to the mailing list.

Your email address – Your e-mail address to subscribe to the mailing list.

Your name (optional) – Your name, this is an optional field.

Pick a password – A Password to use when editing your list preferences.

Reenter password to confirm – Confirm your Password.

Which language do you prefer to display your messages? – The default language for your messages.

Would you like to receive list mail batched in a daily digest? – Select Yes to receive all e-mails for this list in one daily e-mail (digest) containing all List posts.

Subscribe – Click to subscribe to the mailing list.

Visit Subscriber list – Enter your address and password. Click Vista to view a complete list of all subscribers for this mailing list.

Unsubscribe or edit options – Enter your e-mail address to edit your preferences or unsubscribe.

15.2 Viewing the List

To view the List Archive:

1. Navigate to the **Project** that contains the mailing list.
2. Click the **Lists** tab.
3. Click the **List Name** link.
4. Select how many **files** you desire to view from the drop-down list box and click the **Change** button.



Figure 15-4. List Selection View

15.3 Viewing the List Archive

To view the List Archive:

Navigate to the **Project** that contains the mailing list.

1. Click the **Lists** tab.
2. Click **Archives**. The archives are stored in the forum engine and are searchable in the search tab. Refer to Figure 15-3.

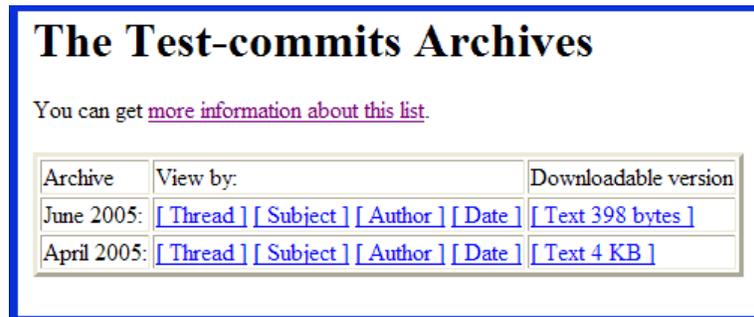


Figure 15-5. List Archives Selection View

3. Select how you desire to **view** the archive:
 - ◆ Thread. ◆ Author.
 - ◆ Subject. ◆ Date.



Figure 15-6. List Archives View

Messages sorted by – Click to sort messages by Subject, Author, or submission Date.

More info on this list – Click to view list details page as in Figure 15-3.

List Server User – View data about the user who entered this comment. Refer to Figure 15-7.



Figure 15-7. User List Data

15.4 Posting to a List

To post an e-mail to a List:

1. Navigate to the **Project** that contains the mailing list.
2. Click the **Lists** tab.
3. Click the Mailing List **Subscribe/Unsubscribe/Preferences** link to which you desire to subscribe.
4. Click the **Using commits** e-mail link. Refer to Figure 15-3.
5. Enter the **e-mail message**.

15.5 Visiting a Subscriber List

To view a complete list of all subscribers for this mailing list:

1. Navigate to the **Project** that contains the mailing list.
2. Click the **Lists** tab.
3. Click the Mailing List **Subscribe/Unsubscribe/Preferences** link to which you desire to subscribe.
4. Enter your **Address** and **Password**.
5. Click **Visit Subscriber list**. Refer to Figure 15-3.

Test-commits Subscribers

View this page in English (USA)

Click on your address to visit your subscription options page.
(Parenthesized entries have list delivery disabled.)

2 Non-digested Members of Test-commits:

- [sara at diamondheaddoc.com](mailto:sara@diamondheaddoc.com)
- [scottrubin at diamondheaddoc.com](mailto:scottrubin@diamondheaddoc.com)

0 Digested Members of Test-commits:

Figure 15-8. List Subscribers

View this page in – Select the language in which you desire to view the List members.

Non-digested Members of Test-commits – Number of members that receive individual e-mails when a post is entered to the List.

Digested Member of Test-commits – Number of members that receive one e-mail per day that contains all posts entered to the List.

❖ **Note:** Click a member name to view their details page.

15.6 Unsubscribing from a List

To unsubscribe to a List:

1. Navigate to the **Project** that contains the mailing list.
2. Click the **Lists** tab.
3. Click the Mailing List **Subscribe/Unsubscribe/Preferences** link to which you desire to subscribe.
4. Enter your **Password**. Refer to Figure 15-9.
5. Enter your E-mail **Address**.

Gforge-testlist Subscribers

(The subscribers list is only available to the list members.)

Enter your address and password to visit the subscribers list:

Address: Password:

To unsubscribe from Gforge-testlist, get a password reminder, or change your subscription options enter your subscription email address:

If you leave the field blank, you will be prompted for your email address

Figure 15-9. Log in to List

6. Click **Unsubscribe or edit options**.

15.7 Lost Mailing List Password

To receive your lost Mailing List Password via e-mail:

1. Navigate to the **Project** that contains the mailing list.
2. Click the **Lists** tab.
3. Click the Mailing List **Subscribe/Unsubscribe/Preferences** link to which you desire to subscribe.
4. Enter your **Password**. Refer to Figure 15-9.
5. Enter your **E-mail Address**.
6. Click **Remind**. Your Password will be sent to your e-mail address.

15.8 Editing Your List Membership Configuration

1. Navigate to the **Project** that contains the mailing list.
2. Click the **Lists** tab.
3. Click the Mailing List **Subscribe/Unsubscribe/Preferences** link to which you desire to subscribe.
4. Enter your **Password**. Refer to Figure 15-9.
5. Enter your **E-mail Address**.
6. Click **Unsubscribe or edit options**.

Test-commits mailing list membership configuration for sara at diamondheaddoc.com, Sara Rubin

Log out

sara at diamondheaddoc.com, Sara Rubin's subscription status, password, and options for the Test-commits mailing list.

Changing your Test-commits membership information

You can change the address that you are subscribed to the mailing list with by entering the new address in the fields below. Note that a confirmation email will be sent to the new address, and the change must be confirmed before it is processed.

Confirmations time out after about 3 days.

You can also optionally set or change your real name (i.e. *John Smith*).

If you want to make the membership changes for all the lists that you are subscribed to at lists.gforge.org, turn on the *Change globally* check box.

New address:

Again to confirm:

Your name (optional):

Change My Address and Name

Change globally

Unsubscribing from Test-commits

Turn on the confirmation checkbox and hit this button to unsubscribe from this mailing list. **Warning:** This action will be taken immediately!

Unsubscribe

Yes, I really want to unsubscribe

Your other lists.gforge.org subscriptions

You can view a list of all the other mailing lists at lists.gforge.org for which you are a member. Use this if you want to make the same membership option changes to this other subscriptions.

List my other subscriptions

Your Test-commits Password

Forgotten Your Password?

Click this button to have your password emailed to your membership address.

Email My Password To Me

Change Your Password

New password:

Again to confirm:

Change My Password

Change globally.

Figure 15-10. List Membership – 1 of 2

Log out – Log out of this List.

New address – New e-mail address associated with this List.

Again to confirm – Retype the e-mail address you entered in the New address field to confirm the new e-mail address.

Your name – Enter your name if you desire.

Change My Address and Name – Click to change your e-mail address and name.

Change globally – Select this checkbox BEFORE you click Change My Address and Name to change your e-mail address everywhere (globally) within the GForge Collaborative Development Environment (CDE).

Unsubscribe – Click to Unsubscribe from this List.

Yes, I really want to unsubscribe – Select this checkbox to verify that you really desire to unsubscribe and click Unsubscribe from this List.

List my other subscriptions – Click to view other Lists to which you are currently subscribed. Refer to Figure 15-12.

Email My Password To Me – Click to have your Password e-mailed to you if you have forgotten your Password.

New password – To change your Password, enter your New password in this field.

Again to confirm – Re-type your New password in this field to verify the New password.

Change My Password – Click to change your Password.

Change globally – Select this checkbox BEFORE you click Change My Password to change your Password everywhere (globally) within the GForge Collaborative Development Environment (CDE).

Your Test-commits Subscription Options	
<i>Current values are checked.</i>	
Note that some of the options have a <i>Set globally</i> checkbox. Checking this field will cause the changes to be made to every mailing list that you are a member of on lists.gforge.org. Click on <i>List my other subscriptions</i> above to see which other mailing lists you are subscribed to.	
Mail delivery Set this option to <i>Enabled</i> to receive messages posted to this mailing list. Set it to <i>Disabled</i> if you want to stay subscribed, but don't want mail delivered to you for a while (e.g. you're going on vacation). If you disable mail delivery, don't forget to re-enable it when you come back; it will not be automatically re-enabled.	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled <input type="checkbox"/> <i>Set globally</i>
Set Digest Mode If you turn digest mode on, you'll get posts bundled together (usually one per day but possibly more on busy lists), instead of singly when they're sent. If digest mode is changed from on to off, you may receive one last digest.	<input checked="" type="radio"/> Off <input type="radio"/> On
Get MIME or Plain Text Digests? Your mail reader may or may not support MIME digests. In general MIME digests are preferred, but if you have a problem reading them, select plain text digests.	<input type="radio"/> MIME <input checked="" type="radio"/> Plain Text <input type="checkbox"/> <i>Set globally</i>
Receive your own posts to the list? Ordinarily, you will get a copy of every message you post to the list. If you don't want to receive this copy, set this option to <i>No</i> .	<input type="radio"/> No <input checked="" type="radio"/> Yes
Receive acknowledgement mail when you send mail to the list?	<input checked="" type="radio"/> No <input type="radio"/> Yes
Get password reminder email for this list? Once a month, you will get an email containing a password reminder for every list at this host to which you are subscribed. You can turn this off on a per-list basis by selecting <i>No</i> for this option. If you turn off password reminders for all the lists you are subscribed to, no reminder email will be sent to you.	<input type="radio"/> No <input checked="" type="radio"/> Yes <input type="checkbox"/> <i>Set globally</i>
Conceal yourself from subscriber list? When someone views the list membership, your email address is normally shown (in an obscured fashion to thwart spam harvesters). If you do not want your email address to show up on this membership roster at all, select <i>Yes</i> for this option.	<input type="radio"/> No <input type="radio"/> Yes
What language do you prefer?	English (USA)
Which topic categories would you like to subscribe to? By selecting one or more topics, you can filter the traffic on the mailing list, so as to receive only a subset of the messages. If a message matches one of your selected topics, then you will get the message, otherwise you will not. If a message does not match any topic, the delivery rule depends on the setting of the option below. If you do not select any topics of interest, you will get all the messages sent to the mailing list.	No topics defined
Do you want to receive messages that do not match any topic filter? This option only takes effect if you've subscribed to at least one topic above. It describes what the default delivery rule is for messages that don't match any topic filter. Selecting <i>No</i> says that if the message does not match any topic filters, then you won't get the message, while selecting <i>Yes</i> says to delivery such non-matching messages to you.	<input checked="" type="radio"/> No <input type="radio"/> Yes
Do you want to receive messages that do not match any topic filter? This option only takes effect if you've subscribed to at least one topic above. It describes what the default delivery rule is for messages that don't match any topic filter. Selecting <i>No</i> says that if the message does not match any topic filters, then you won't get the message, while selecting <i>Yes</i> says to delivery such non-matching messages to you. If no topics of interest are selected above, then you will receive every message sent to the mailing list.	<input checked="" type="radio"/> No <input type="radio"/> Yes
Avoid duplicate copies of messages? When you are listed explicitly in the To: or cc: headers of a list message, you can opt to not receive another copy from the mailing list. Select <i>Yes</i> to avoid receiving copies from the mailing list; select <i>No</i> to receive copies. If the list has member personalized messages enabled, and you elect to receive copies, every copy will have a X-Mailman-Copy: yes header added to it.	<input type="radio"/> No <input checked="" type="radio"/> Yes <input type="checkbox"/> <i>Set globally</i>
<input type="button" value="Submit My Changes"/>	

Figure 15-11. List Membership – 2 of 2

Mail delivery – Enable and Disable mailing for this List.

Set Digest Mode – Select On to receive all posts bundled in one e-mail per day.

Get MIME or Plain Text Digests – If you have a problem viewing List e-mails, select Plain Text. Click the Set globally checkbox to view all e-mails in Plain Text or MIME format.

Receive your own post to the list – Select Yes, to receive a copy of every message that you post to the List.

Receive acknowledgements mail when you send mail to the list – Select Yes, to receive an acknowledgement e-mail when you send e-mail to the List.

Get password reminder email for this list – Select Yes to receive an e-mail with your Password to this List on a monthly basis. Click the Set globally checkbox to receive an e-mail about all CDE Passwords.

Conceal yourself from subscriber list – Select Yes to hide your e-mail address from the membership List.

What language do you prefer – Select the language in which you desire to view the List and receive e-mails.

Which topic categories would you like to subscribe to – Select the topic categories that you desire to receive e-mails to filter your List.

Do you want to receive messages that do not match any topic filter – When using topic category filters, select Yes to receive messages that do not match any topic category filters.

Avoid duplicate copies of messages – Select No to receive one copy of a List e-mail if you are specifically entered in the To, CC, or BCC fields of the e-mail address.

Submit My Changes – Click to change your List configuration settings.

15.8.1 Viewing your Mailing List Subscriptions

To view all Lists to which you are currently subscribed:

1. Navigate to the **Project** that contains the mailing list.
2. Click the **Lists** tab.
3. Click the Mailing List **Subscribe/Unsubscribe/Preferences** link to which you desire to subscribe.
4. Enter your **Password**. Refer to Figure 15-9.
5. Enter your **E-mail Address**.
6. Click **List my other subscriptions**. Refer to Figure 15-12.

List subscriptions for sara@diamondheaddoc.com on lists.gforge.org

Click on a link to visit your options page for the requested mailing list.

1. [Test-commits](#)

Figure 15-12. List Subscriptions

15.9 Viewing All Mailing Lists

To view all Lists:

1. Navigate to the **Project** that contains the mailing list.
2. Click the **Lists** tab.
3. Click the Mailing List **Subscribe/Unsubscribe/Preferences** link.
4. Click **Overview of all lists.gforge.org mailing lists** at the bottom of the screen.

lists.gforge.org Mailing Lists

Welcome!

Below is a listing of all the public mailing lists on lists.gforge.org. Click on a list name to get more information about the list, or to subscribe, unsubscribe, and change the preferences on your subscription. To visit the general information page for an unadvertised list, open a URL similar to this one, but with a '/' and the list name appended.

List administrators, you can visit [the list admin overview page](#) to find the management interface for your list.

If you are having trouble using the lists, please contact mailman@lists.gforge.org.

List	Description
Ascom-commits	[no description available]
Buildmaster-buildmaster-commits	[no description available]
Buildmaster-commits	[no description available]
Cli-commits	[no description available]
Gforge-gforge-commits	[no description available]
Gforge-livecd-commits	[no description available]
Gforge-livecd-gforge-livecd-commits	[no description available]
Gforge-plugin-globalsearch-commits	[no description available]
Gforge-plugin-globalsearch-gforge-plugin-globalsearch-commits	[no description available]
Gforge-plugin-phpwiki-commits	[no description available]

Figure 15-13. Viewing All Lists

Section 16 – SVN (Subversion)

The SVN integration included in GForge AS allows for full integration with GForge, including: creating blank repositories when a Project is created; adding users and groups to the Perforce repository so the users can commit changes to code; enforcing the requirement of a Tracker Item ID on commit if chosen by the Project Administrator; linking commits to Tracker Items, so the changed files and other commit information displays on the Commits tab of the Tracker Item; emailing differences of commits to the commits mailing list if the Project Administrator chooses; and displaying commits on the Activity Report for the Project.

The SVN tab displays files, directories, and revisions that currently exist in the repository.

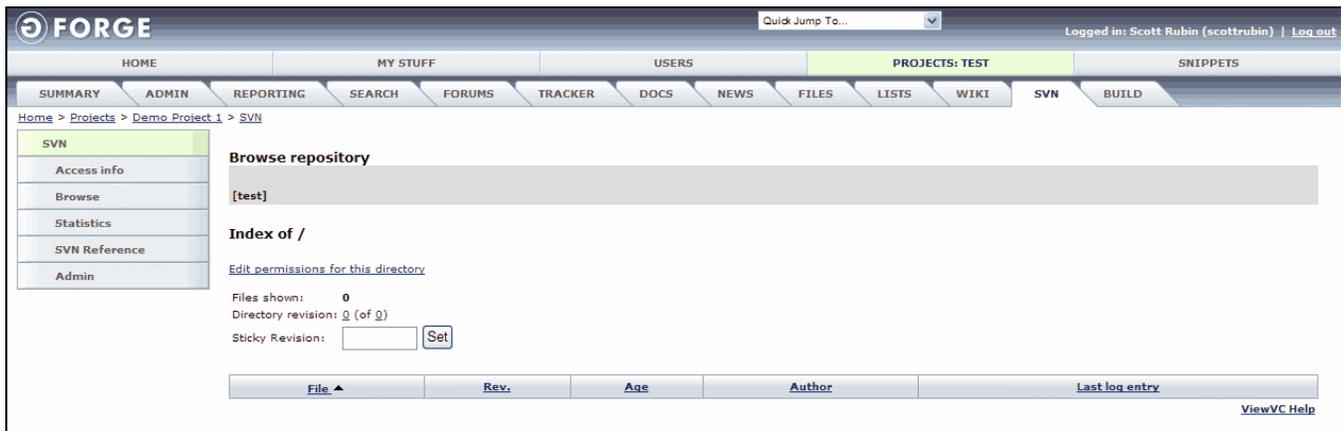


Figure 16-1. SVN – Subversion

Access Info – Directions to checkout files through an anonymous (pserver) CVS with command line instructions.

Browse – This page displays the web interface for SVN. GForge can automatically create blank repositories for projects that choose to use SVN, or administrators can create an external repository and link it to GForge using the external SCM scripts provided. You can browse the repository to make quick references to the code without opening another application.

Statistics – History detailing the number of commits and files added to the repository.

SVN Reference – Click to display the SVN user manual

Index of – Shows the directory in the repository that you are viewing.

Files Shown – Number of files in the Index.

Directory Revision – The current revision number.

Sticky Revision – You can browse the contents of a repository at a point in its past history by choosing a Sticky Revision from the forms at the top of directory and log pages. When set, directory and log pages only show revisions preceding the specified point in history.

Set – Commits the new revision number to the database.

File – Name of the file.

Rev – Version of the file.

Age – Age of the file.

Author – User that created the file.

Last Log Entry – Last time the file was updated.

16.1 Access Info

Click the Access Info to display access information to use the repository.



Figure 16-2. SVN Access Info

16.2 Browsing the SVN Repository

This page displays the web interface for SVN repositories. GForge administrators create Projects and (SVN) repositories. You can browse the repository to make quick references to the code without opening another application.

Browsing the SVN tree provides a view into the current status of this Project's code. You may also view the complete histories of any file in the repository.

To browse the SVN repository:

1. Navigate to the **Project** that contains the code you desire to browse.
2. Click the **SVN** tab.
3. Click the **Browse** link.
4. Click the **File** name.

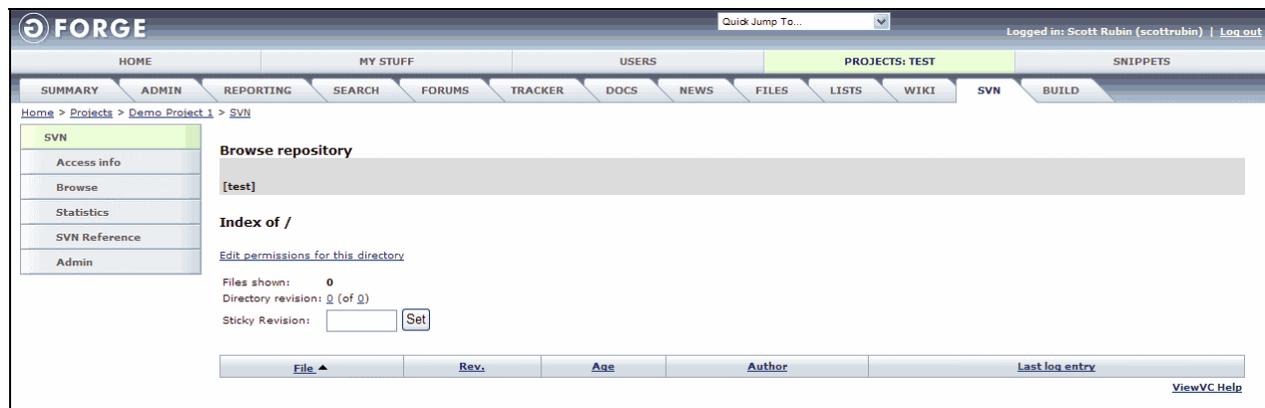


Figure 16-3. Browse SVN Repository

16.3 Statistics

Statistics displays information about the SVN of this Project.

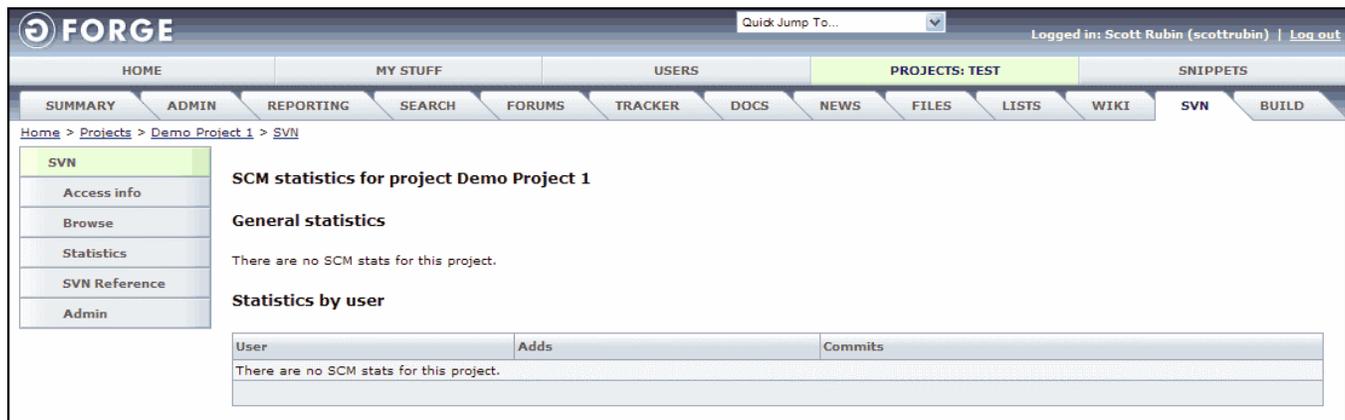


Figure 16-4. SCM Statistics

User – Developer that the Statistic is about.

Adds – Number of times the developer added to the SCM.

Commits – Number of commits by the user.

16.4 Linking a Commit to a Tracker Item

Commits can be linked to a Tracker Item by referencing the Tracker Item ID in the commit message. For example, this command will link your changes to Tracker Item #1000:

```
svn commit -m "[#1000] linking this change to defect"
```

Click the Commits tab in the Tracker Item view the changed files.

Section 17 – CVS (Concurrent Versioning System)

The CVS integration included in GForge AS allows for full integration with GForge, including: creating blank repositories when a Project is created; adding users and groups to the Perforce repository so the users can commit changes to code; enforcing the requirement of a Tracker Item ID on commit if chosen by the Project Administrator; linking commits to Tracker Items, so the changed files and other commit information displays on the Commits tab of the Tracker Item; emailing differences of commits to the commits mailing list if the Project Administrator chooses; and displaying commits on the Activity Report for the Project.

The CVS tab displays files, directories, and revisions that currently exist in the repository.

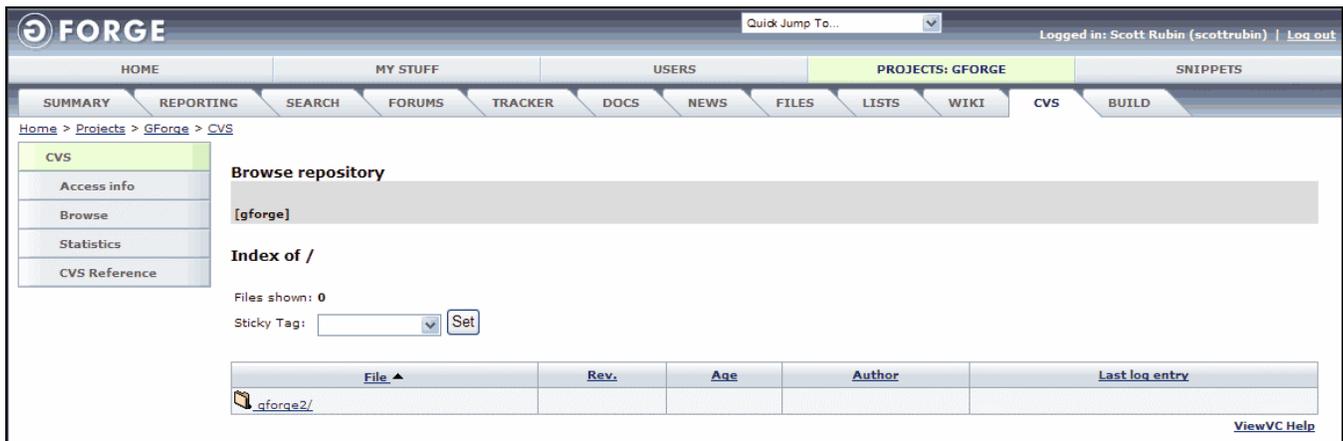


Figure 17-1. CVS (Concurrent Versioning System)

Access Info – Directions to checkout files through an anonymous (pserver) CVS with command line instructions.

Browse – This page displays the web interface for CVS. GForge can automatically create blank repositories for projects that choose to use CVS, or administrators can create an external repository and link it to GForge using the external SCM scripts provided. You can browse the repository to make quick references to the code without opening another application.

Statistics – History detailing the number of commits and files added to the repository

CVS Reference – Click to display the CVS user manual.

Index of – Shows the directory in the repository that you are viewing.

Files Shown – Number of files in the Index.

Sticky Tag – You can browse the contents of a repository at a point in its past history by choosing a Sticky Tag. When set, directory and log pages only show revisions preceding the specified point in history. When a Sticky Tag refers to a branch or a revision on a branch, only revisions from the branch history are shown, including branch points and their preceding revisions.

CVS Repositories adds artificial tags HEAD and MAIN to tag listings and accepts them in place of revision numbers and real tag names in all URLs. MAIN acts like a branch tag pointing at the default branch, while HEAD acts like a revision tag pointing to the latest revision on the default branch. The default branch is usually just the trunk, but may be set to other branches inside individual repository files. CVS will always check out revisions from a file's default branch when no other branch is specified on the command line.

Set – Commits the new revision number to the database.

File – Name of the file.

Rev – Version of the file.

Age – Age of the file.

Author – User that created the file.

Last Log Entry – Last time the file was updated.

17.1 Access Info

Click the Access Info to display access information to use the repository.

The screenshot shows the GForge web interface. At the top, there is a navigation bar with tabs for Home, My Stuff, Users, Search, Projects: test (selected), and Snippets. Below this is a secondary navigation bar with tabs for Summary, Admin, Reporting, Search, Forums, Tracker, Docs, News, Files, Lists, Wiki, CVS, and Build. The main content area shows the breadcrumb trail: Home » Projects » Demo Project 1 » CVS » Access Info. On the left, there is a sidebar menu with options: CVS (selected), Access info, Browse, Statistics, CVS Reference, and Admin. The main content area is titled 'Anonymous CVS access' and contains the text: 'This project supports anonymous checkout. You can checkout the code with the following command:' followed by two lines of shell commands. Below this is a section titled 'Developer CVS Access via SSH' with the text: 'For developers, or those who need to commit to the repository, secure SSH checkout is required. This means you must generate a SSH key, and upload the SSH key into your your account. Go to the 'My Stuff' tab and choose 'Edit SSH Keys'. Paste your public key there and a cronjob will run within an hour to place it on the server.' followed by two lines of shell commands.

Figure 17-2. CVS Access Info

17.2 Browsing the CVS Repository

This page displays the web interface for CVS repositories. GForge administrators create Projects and (CVS) repositories. You can browse the repository to make quick references to the code without opening another application.

Browsing the CVS tree provides a view into the current status of this Project's code. You may also view the complete histories of any file in the repository.

To browse the CVS repository:

1. Navigate to the **Project** that contains the code you desire to browse.
2. Click the **CVS** tab.
3. Click the **Browse** link.
4. Click the **File** name.

The screenshot shows the GForge web interface. At the top, there's a navigation bar with 'HOME', 'MY STUFF', 'USERS', 'PROJECTS: GFORGE', and 'SNIPPETS'. Below this is a secondary menu with 'SUMMARY', 'REPORTING', 'SEARCH', 'FORUMS', 'TRACKER', 'DOCS', 'NEWS', 'FILES', 'LISTS', 'WIKI', 'CVS', and 'BUILD'. The 'CVS' tab is active. The main content area shows the path 'Home > Projects > GForge > CVS'. On the left, a sidebar has 'CVS' selected, with sub-links for 'Access info', 'Browse', 'Statistics', and 'CVS Reference'. The main area is titled 'Browse repository' and shows the repository path '[gforge] / gforge2'. Below that, it says 'Index of /gforge2' and 'Files shown: 44'. There's a 'Sticky Tag' dropdown set to 'Set'. A table lists files with columns: File, Rev., Age, Author, and Last log entry.

File	Rev. ▲	Age	Author	Last log entry
_Parent Directory				
debugclient/				
xdebug_var.h	1.1.1.1	7 weeks	mottalli	Initial import
xdebug_xml.h	1.1.1.1	7 weeks	mottalli	Initial import

Figure 17-3. Browse CVS Repository

17.3 Statistics

Statistics displays information about the CVS of this Project.

The screenshot shows the GForge web interface. At the top, there's a navigation bar with 'HOME', 'MY STUFF', 'USERS', 'PROJECTS: GFORGE', and 'SNIPPETS'. Below this is a secondary menu with 'SUMMARY', 'REPORTING', 'SEARCH', 'FORUMS', 'TRACKER', 'DOCS', 'NEWS', 'FILES', 'LISTS', 'WIKI', 'CVS', and 'BUILD'. The 'CVS' tab is active. The main content area shows the path 'Home > Projects > GForge > CVS'. On the left, a sidebar has 'CVS' selected, with sub-links for 'Access info', 'Browse', 'Statistics', and 'CVS Reference'. The main area is titled 'SCM statistics for project GForge'. Under 'General statistics', it says 'There are no SCM stats for this project.' Under 'Statistics by user', there's a table with columns 'User', 'Adds', and 'Commits', and a row stating 'There are no SCM stats for this project.'

User	Adds	Commits
There are no SCM stats for this project.		

Figure 17-4. CVS Statistics

User – Developer that the Statistic is about.

Adds – Number of times the developer added to the CVS.

Commits – Number of commits by the user.

17.4 Linking a Commit to a Tracker Item

Commits can be linked to a Tracker Item by referencing the Tracker Item id in the commit message. For example, this command will link your changes to Tracker Item #1000:

```
cvs commit -m “[#1000] linking this change to defect”
```

Click the Commits tab in the Tracker Item view the changed files.

17.5 CVS over SSH for Linux

Use the Secure Shell (SSH) client program to log into a remote GForge machine and execute commands to download and upload (commit) files to GForge. SSH provides secure encrypted communications between two un-trusted hosts over an insecure network. SSH connects and logs into the specified host name with the GForge Login Name. If a command is specified, the command is executed on the remote host instead of the login shell.

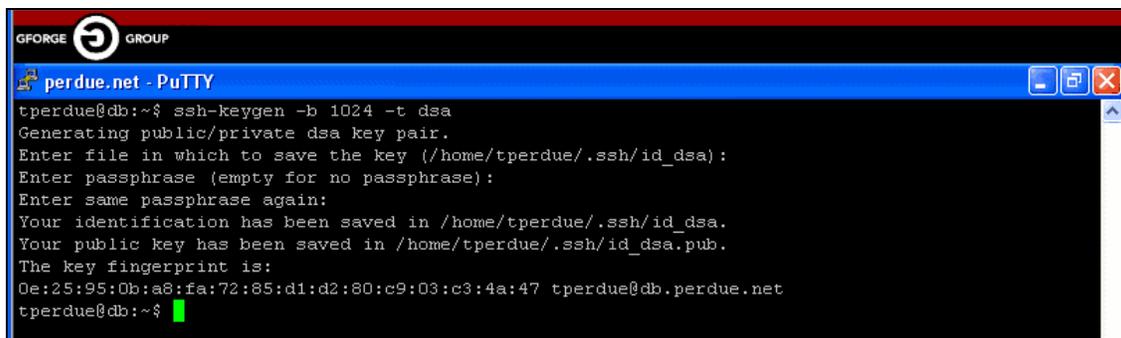
❖ **Note:** Remember that all Linux commands are case sensitive.

17.5.1 Configuring CVS over SSH for Linux

To communicate using your Linux Shell account to communicate to the CVS server where the code resides, you must generate an SSH Key to communicate with your GForge Account.

To configure CVS over SSH for Linux:

1. **Login** to your GForge Account.
2. Launch the Linux **Command Line** in your Linux Shell account to generate a SSH Key for authentication.
3. Type `ssh-keygen -b 1024 -t dsa` and press <Enter>. -b command is optional with the default of 1024 bit and -t dsa is the type of key to generate.



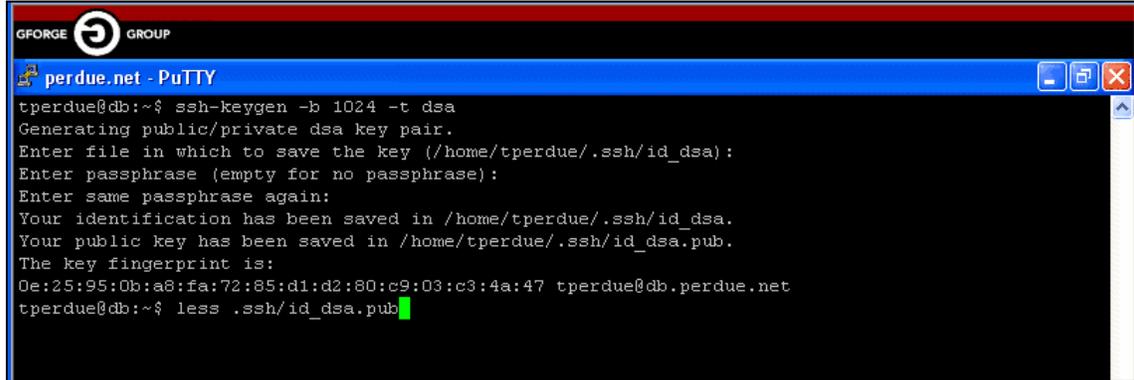
```

GFORGE GROUP
perdue.net - PuTTY
tperdue@db:~$ ssh-keygen -b 1024 -t dsa
Generating public/private dsa key pair.
Enter file in which to save the key (/home/tperdue/.ssh/id_dsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/tperdue/.ssh/id_dsa.
Your public key has been saved in /home/tperdue/.ssh/id_dsa.pub.
The key fingerprint is:
0e:25:95:0b:a8:fa:72:85:d1:d2:80:c9:03:c3:4a:47 tperdue@db.perdue.net
tperdue@db:~$
  
```

Figure 17-5. SSH Key

4. Press <Enter> **twice** to use the default file in which to save the key and not use a passphrase. The SSH Key is generated.

5. Type `less .ssh/id_dsa.pub` and press **<Enter>** to view the SSH Key fingerprint that was generated.



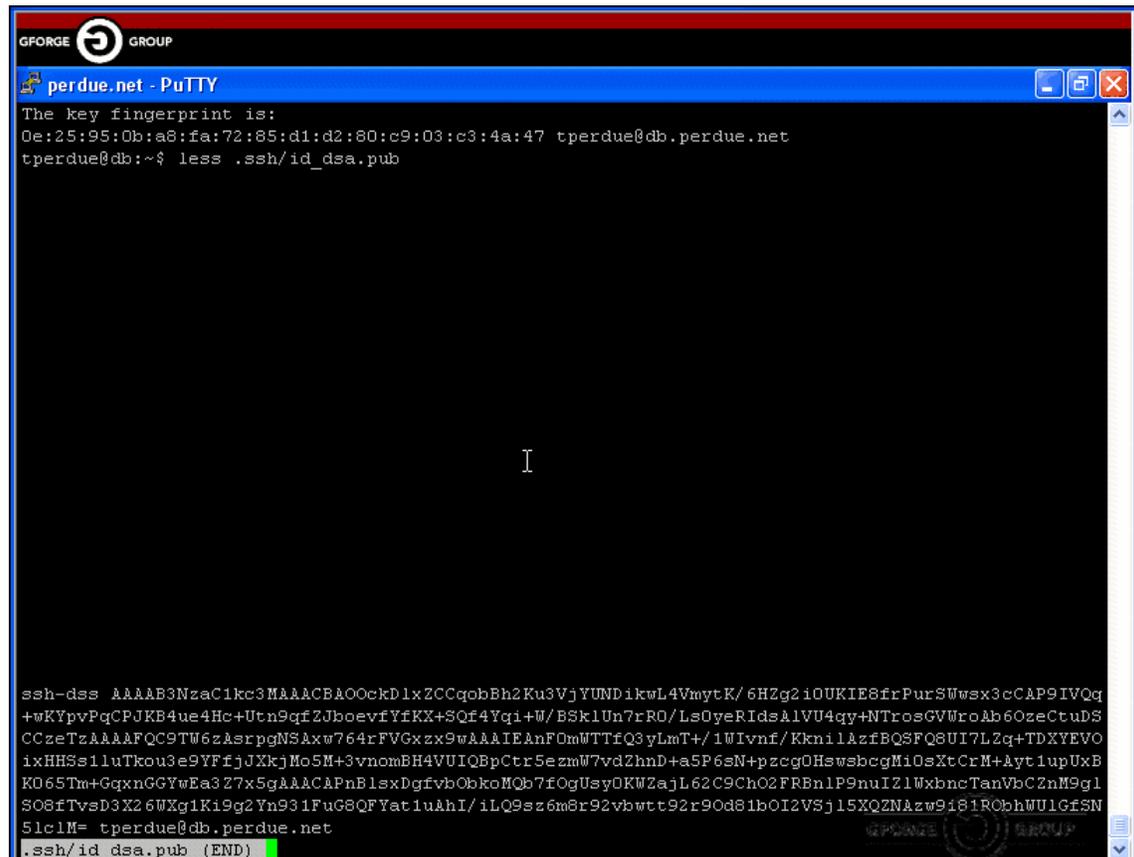
```

GFORGE GROUP
perdue.net - PuTTY
tperdue@db:~$ ssh-keygen -b 1024 -t dsa
Generating public/private dsa key pair.
Enter file in which to save the key (/home/tperdue/.ssh/id_dsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/tperdue/.ssh/id_dsa.
Your public key has been saved in /home/tperdue/.ssh/id_dsa.pub.
The key fingerprint is:
0e:25:95:0b:a8:fa:72:85:d1:d2:80:c9:03:c3:4a:47 tperdue@db.perdue.net
tperdue@db:~$ less .ssh/id_dsa.pub

```

Figure 17-6. Generated SSH Key

6. Select the SSH Key and select **Copy**.



```

GFORGE GROUP
perdue.net - PuTTY
The key fingerprint is:
0e:25:95:0b:a8:fa:72:85:d1:d2:80:c9:03:c3:4a:47 tperdue@db.perdue.net
tperdue@db:~$ less .ssh/id_dsa.pub

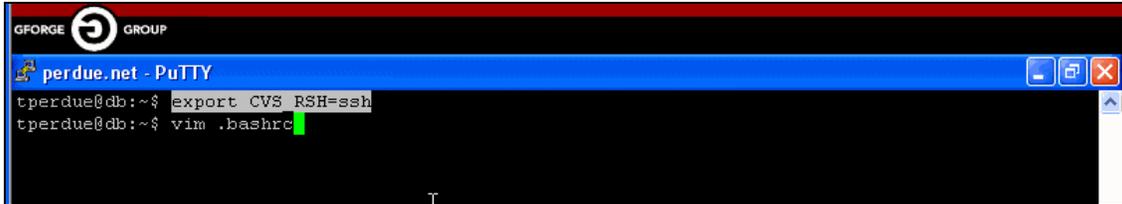
ssh-dss AAAAB3NzaC1kc3MAAACBAOockD1xZCCqobBh2Ku3VjYUNDikwL4VmytK/6HZg2iOUKIE8frPurS0wsx3cCAP9IVQq+wKYpvPgCPJKB4ue4Hc+Utn9qfZJboevfYfKX+SQf4Yqi+W/BSklUn7rRO/LsOyeRIdSAlVU4gy+NTrosGwWroAb6OzeCtuDS CCzeTzAAAfQC9TW6z&srpgNS&xw764rFVGxzx9wAAAIEAnFomWTTfQ3yLmT+/1WlVnf/Kkn1lAzfBQSFQ8UI7LZq+TDXYEVOixHHSs11uTkou3e9YFfjJXkjMo5M+3vnomBH4VUIQBpCtr5eZmW7vdZhd+a5P6sN+pzcg0HswsbcgMi0sXtCrM+&yt1upUxBK065Tm+GqxnGGYwEa3Z7x5gAAACAPnBlsxDgfvbObkoMQb7fOgUusyOKWZajL62C9ChO2FRBn1P9nuIZ1WxbncTanVbCZnM9glS08fTvsD3X26WXg1K19g2Yn931FuG8QFYat1uAhI/iLQ9sz6m8r92vbwt92r90d81b0I2VSj15XQ2NAzw9i81R0bhWU1GfSN51c1M= tperdue@db.perdue.net
.ssh/id_dsa.pub (END)

```

Figure 17-7. Copy SSH Key

7. Select your GForge Account > **My Stuff** tab.
8. Click the **Edit SSH Keys** link.
9. Select Edit > **Paste** in the Authorized keys field to copy the SSH Key into your GForge Account.

10. Remove all extraneous line breaks except for the spaces and click the **Update** button.
 - ❖ **Note:** Spaces appear at the beginning of the SSH Key (ssh-dss) and at the end of the SSH Key before your Login Name.
11. Launch your Linux **Command Line** after the cronjob has run (1 hour), which enables you access to the system.
12. Type **export CVS RSH=ssh** and press <Enter> to setup CVS to use SSH.
13. Copy the **CVS RSH=ssh** command and press <Enter>.
14. Type **vim .bashrc** and press <Enter> to copy the file so it automatically runs during login.

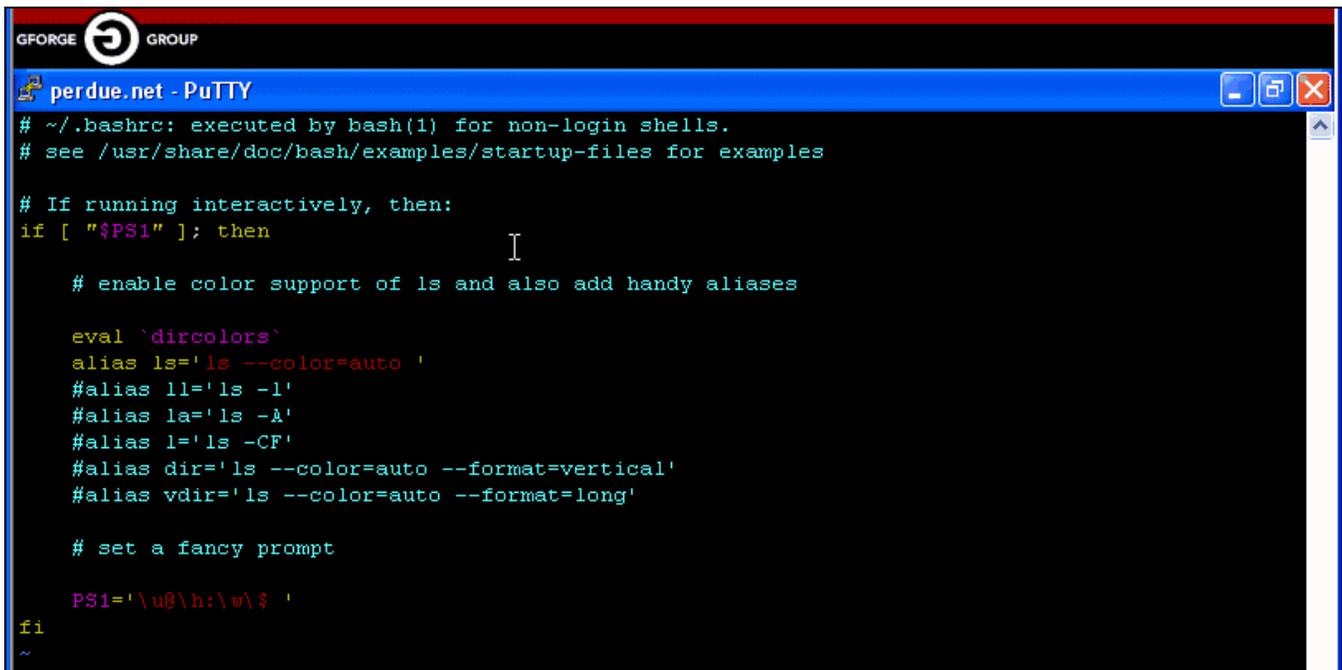


```

GFORGE GROUP
perdue.net - PuTTY
tperdue@db:~$ export CVS_RSH=ssh
tperdue@db:~$ vim .bashrc
  
```

Figure 17-8. bashrc File Command

The bashrc file runs.



```

GFORGE GROUP
perdue.net - PuTTY
# ~/.bashrc: executed by bash(1) for non-login shells.
# see /usr/share/doc/bash/examples/startup-files for examples

# If running interactively, then:
if [ "$PS1" ]; then
    # enable color support of ls and also add handy aliases

    eval `dircolors`
    alias ls='ls --color=auto '
    #alias ll='ls -l'
    #alias la='ls -A'
    #alias l='ls -CF'
    #alias dir='ls --color=auto --format=vertical'
    #alias vdir='ls --color=auto --format=long'

    # set a fancy prompt
    PS1='\u@\h:\w\$ '
fi
~
  
```

Figure 17-9. bashrc File Run

The SSH connection should be validated. You can see that the SSH Key was accepted and is communicating properly; however, you will immediately be disconnected as this is a restricted CVS.

```

GForge GROUP
perdue.net - PuTTY
tperdue@db:~$ ssh tim_perdue2@cvs.gforge.org
The authenticity of host 'cvs.gforge.org (209.234.66.134)' can't be established.
RSA key fingerprint is 03:01:ba:32:8f:f9:ba:cc:44:8f:e9:43:83:42:ac:b4.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'cvs.gforge.org,209.234.66.134' (RSA) to the list of known hosts.
Linux db.perdue.net 2.4.18-686-smp #1 SMP Sun Apr 14 12:07:19 EST 2002 i686 Pentium III (Katmai)
GenuineIntel GNU/Linux

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.

Last login: Wed Aug 11 08:35:29 2004 from 209.234.66.134
Linux db.perdue.net 2.4.18-686-smp #1 SMP Sun Apr 14 12:07:19 EST 2002 i686 Pentium III (Katmai)
GenuineIntel GNU/Linux

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
This is a restricted account.
You cannot execute anything here.
Goodbye.
Connection to cvs.gforge.org closed.
tperdue@db:~$

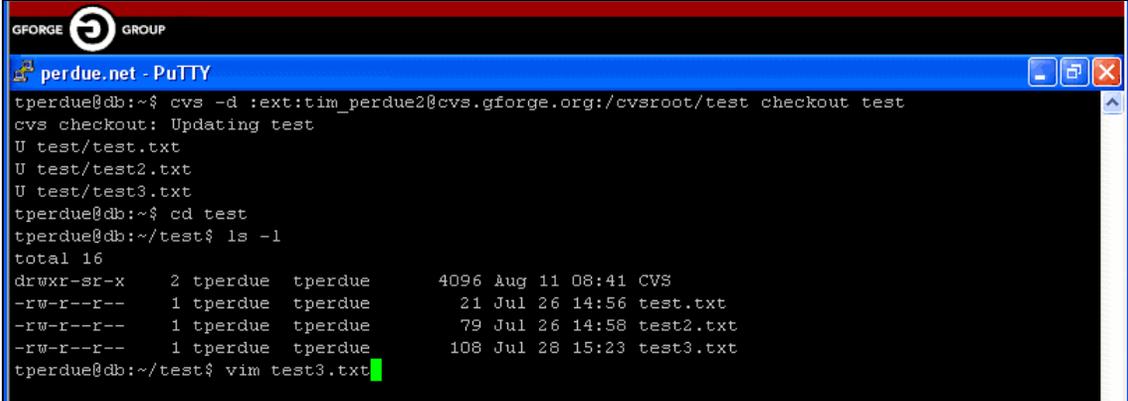
```

Figure 17-12. SSH Connection Validation

17.5.3 Checking Out a File using SSH

To check out a file from CVS using SSH:

1. Click the **CVS** tab.
2. Click the **Access Info** link.
3. **Copy the CVS command.**
4. Click the **Browse** link to view the repository.
5. Note the **modulename** in the Project Tree.
6. Return to the Linux **Command Line**.
7. Type `cvs -d :ext:LoginName@CVSserver:/cvsroot/directory checkout modulename`. This is the CVS server from where you are checking out the file. Using the `-d`, `external`, and `checkout` commands.
8. Type `cd modulename` and press `<Enter>` to view the files in the module.
9. Type `/modulename$ ls -l` and press `<Enter>`.



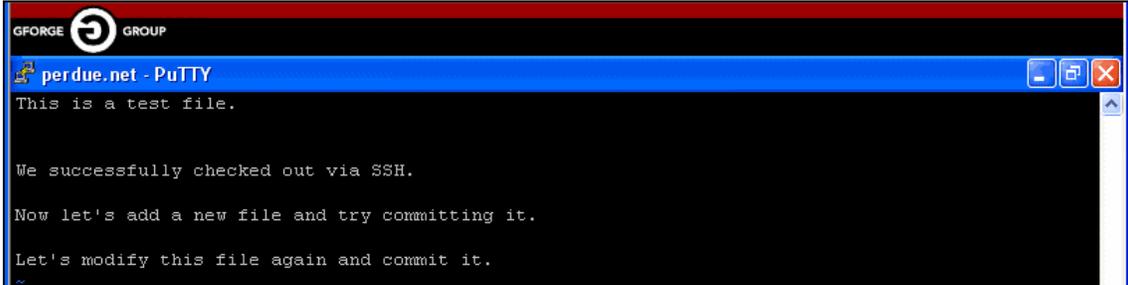
```

GFORGE GROUP
perdue.net - PuTTY
tperdue@db:~$ cvs -d :ext:tim_perdue2@cvs.gforge.org:/cvsroot/test checkout test
cvs checkout: Updating test
U test/test.txt
U test/test2.txt
U test/test3.txt
tperdue@db:~$ cd test
tperdue@db:~/test$ ls -l
total 16
drwxr-sr-x  2 tperdue  tperdue   4096 Aug 11 08:41 CVS
-rw-r--r--  1 tperdue  tperdue    21 Jul 26 14:56 test.txt
-rw-r--r--  1 tperdue  tperdue    79 Jul 26 14:58 test2.txt
-rw-r--r--  1 tperdue  tperdue   108 Jul 28 15:23 test3.txt
tperdue@db:~/test$ vim test3.txt

```

Figure 17-13. Checkout Module

10. Type `/modulename$ vim filename` of the file you desire to edit and click **<Enter>**.
11. Edit the file.



```

GFORGE GROUP
perdue.net - PuTTY
This is a test file.

We successfully checked out via SSH.

Now let's add a new file and try committing it.

Let's modify this file again and commit it.
~

```

Figure 17-14. Editing a Module in Linux

12. Type `/filename$ ls -l` and press **<Enter>** to save the file.



```

GFORGE GROUP
perdue.net - PuTTY
We successfully checked out via SSH.

Now let's add a new file and try committing it.

Let's modify this file again and commit it.
~

```

Figure 17-15. Saving the File in Linux

Section 18 – CruiseControl

CruiseControl is a framework for a continuous build process. It includes, but is not limited to, plug-ins for e-mail notification, Ant, and various source control tools. A web interface is provided to view the details of the current and previous builds.

1. Navigate to your **Project**.
2. Click the **Build** tab in your Project.

The screenshot shows the Forge web interface. At the top, there is a navigation bar with tabs for Home, My Stuff, Users, Search, Projects: test (selected), and Snippets. Below this is a secondary navigation bar with tabs for Summary, Admin, Reporting, Search, Forums, Tracker, Docs, News, Files, Lists, Wiki, CVS, and Build. The main content area shows a breadcrumb trail: Home » Projects » Demo Project 1 » Build » Browse. On the left, there is a sidebar with 'CruiseControl' and 'Admin' buttons. The main area contains a table with the following data:

Build Name	Last Build Date	Last Build Status	Was Build Necessary?	Was This Build A Fix?	Link To Tracker Item
TOC 5.3	Unknown	Unknown	Unknown	Unknown	
Spell Check field duplication	Unknown	Unknown	Unknown	Unknown	
new files	Unknown	Unknown	Unknown	Unknown	

At the bottom right of the table, there is a 'View Build History' button.

Figure 18-1. CruiseControl (Build)

Build Name – Name of the build.

Last Build Date – Date the last build was added.

Last Build Status – Details the last build status of the code.

Was Build Necessary – If the code was compiled or not.

Was This Build A Fix – If the build was required to fix a bug.

Link to Tracker Item – Tracker Item with which this build is associated.

18.1 Viewing Build History

To view the history of a build:

1. Navigate to your **Project**.
2. Click the **Build** tab in your Project.
3. Click the **View Build History** button.

The screenshot shows the Forge web application interface. At the top, there is a navigation bar with the Forge logo and a 'Quick Jump To...' dropdown. Below this is a secondary navigation bar with tabs for Home, My Stuff, Users, Search, Projects: test (highlighted), and Snippets. A third navigation bar contains various project management tools like Summary, Admin, Reporting, Search, Forums, Tracker, Docs, News, Files, Lists, Wiki, CVS, and Build. The main content area shows a breadcrumb trail: Home » Projects » Demo Project 1 » Build » Build History » Build History. On the left, there is a sidebar with 'CruiseControl' and 'Admin' links. The main content area features a configuration filter with a dropdown set to 'All Configurations', start and end date pickers (Aug 27 2007 and Aug 28 2007), and a 'Submit' button. Below the filter, there are two tables of build history entries. The first table is titled 'TOC 5.3' and the second is titled 'Spell Check field duplication'. Both tables have columns for Build Date, Build Status, Was Build Necessary?, Was This Build A Fix?, and Link To Tracker Item.

Figure 18-2. Build History

4. Select the **Configuration** to view.
5. Select the **Start Date**.
6. Select the **End Date**.
7. Click the **Submit** button.

Section 19 – Visual Studio Add-in

The Visual Studio Add-in comes with a simple installer and requires Visual Studio 2005.

On the server, make sure your user has access permissions to at least one Project and that you are set with Assignee/Admin or higher permissions for each Tracker that you wish to use. If you have no access to any Trackers, you will not be able to use the Add-in.

1. Double-click the **installer** and follow the prompts.
2. Launch **Visual Studio**.
3. Select View > **GForge Trackers**.

❖ **Note:** You require need a serial number in order to use the Add-in, and the serial number is only valid for a particular server hostname. If you change server hostnames, you will have to get an updated serial number from GForge Group.

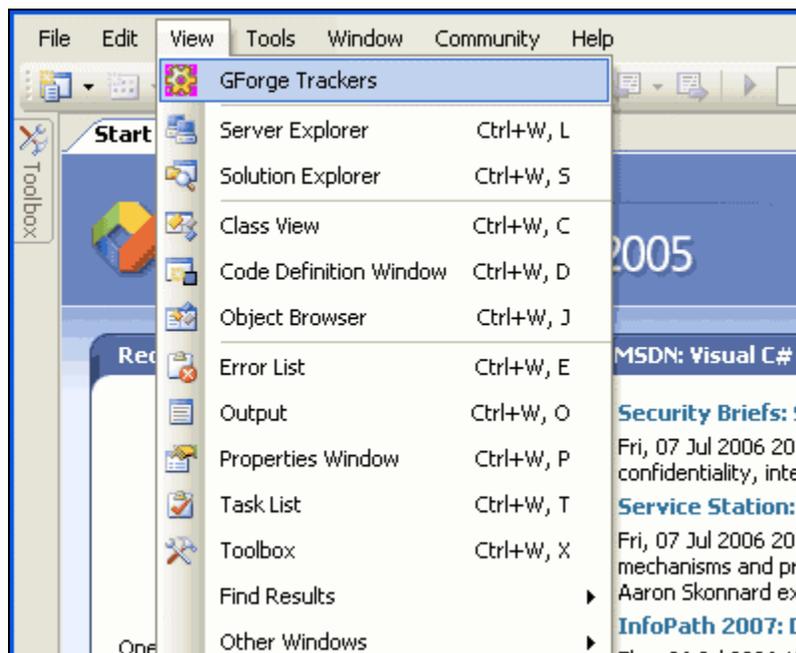


Figure 19-1. Visual SafeSource Trackers

4. Enter your **Server** hostname. Refer to Figure 19-2.
5. Enter your **Serial Number**.
6. Enter your **Login Name**.
7. Enter your **Password**.

❖ **Note:** To use SSL, your server must be set up properly and **must** have a valid SSL certificate issued by a recognized authority. Self-generated or invalid SSL certificates **will not work**.

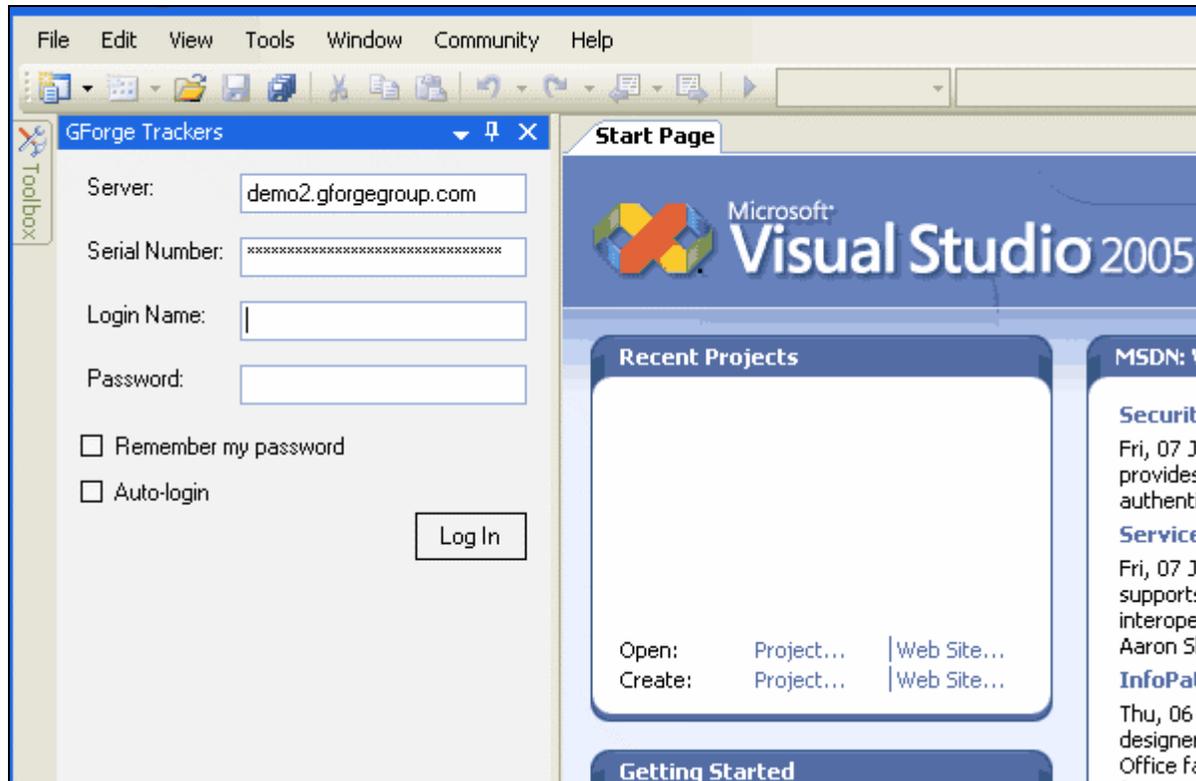


Figure 19-2. Login

8. Click the **Log In** button.
9. Click on a **Tracker** to view a list of items in this Project's Tracker.

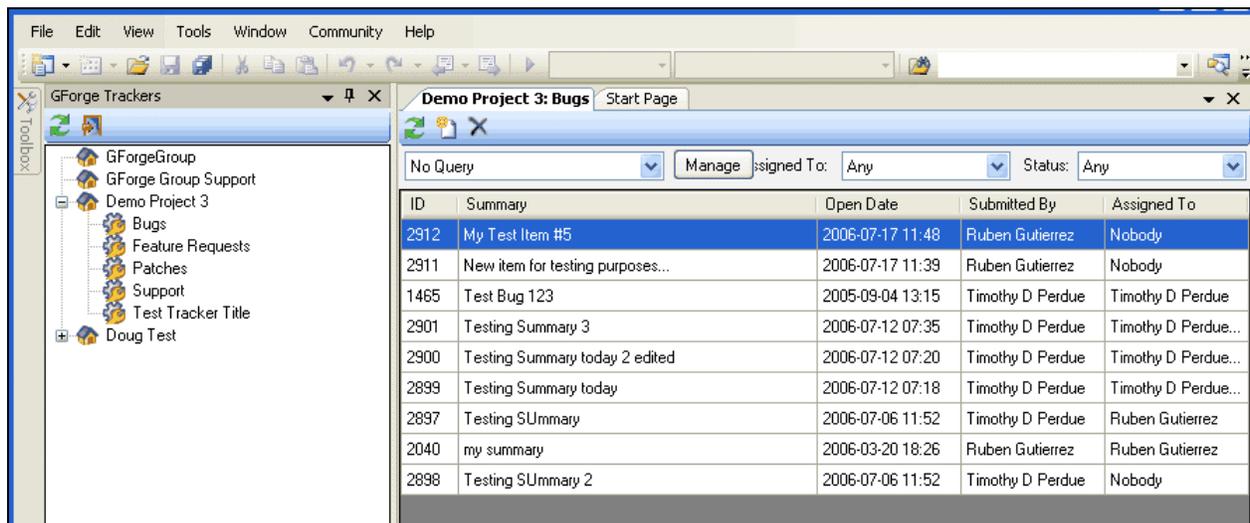


Figure 19-3. Projects List

Use the Assigned To and status filters to locate items. You can also edit or add complex queries using the Manage button. Complex queries are stored on the server and will be visible in the web interface as well as the Eclipse Add-in. Each of these queries performs their work on the server side and can be used to limit the number of downloaded items. If you have a Tracker with hundreds of items in it, it is a good idea to filter the list to a small subset of items for best performance. Downloading hundreds of items from the Tracker can be very time consuming.

10. Double-click on any of the item in the Project list to display editor screen.

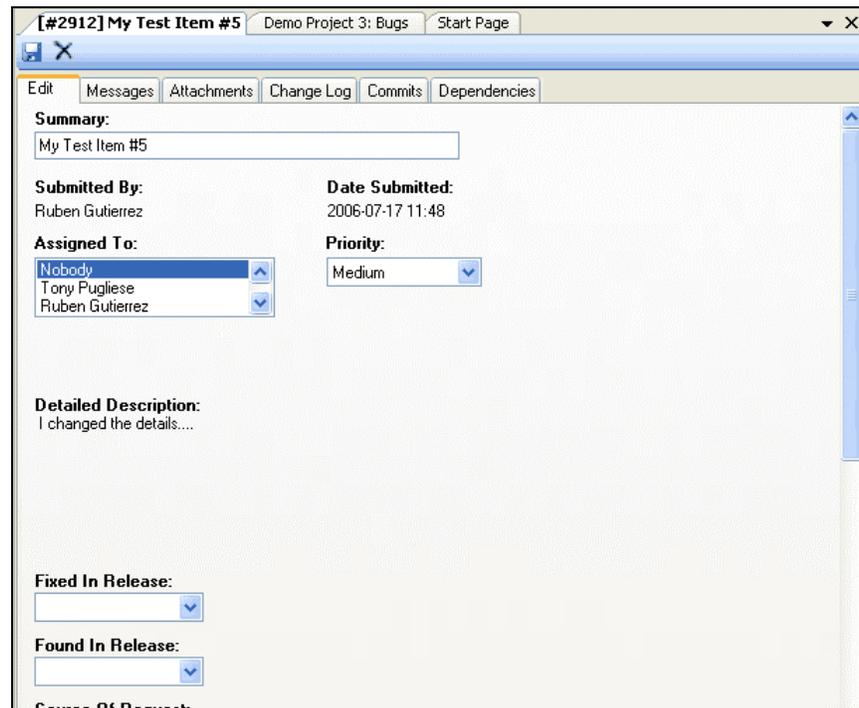


Figure 19-4. Editor Screen

You can save your changes or delete the Tracker item from this screen.

Messages – View follow up messages.

Attachments – Displays any attached files.

Change Log – Displays the audit trail for this item.

Commits – Displays any files that have been modified in the SCM repository and linked to this item.

Dependencies – Displays a list of any other items that this item is dependent on.

Section 20 – Eclipse Add-in

The Eclipse Add-in comes in a compressed .zip file and requires Eclipse 3.1. You require a serial number in order to use the Add-in, and the serial number is only valid for a particular server hostname. If you change server hostnames, you will have to get an updated serial number from GForge Group.

On the server, make sure your user has access permissions to at least one Project and that you are set with Assignee/Admin or higher permissions for each Tracker that you wish to use. If you have no access to any Trackers, you will not be able to use the Add-in.

1. **Decompress** the .zip file into the eclipse plug-ins folder to complete the installation.
2. Launch **Eclipse**.
3. Select **Window > Open Perspective > Other**.

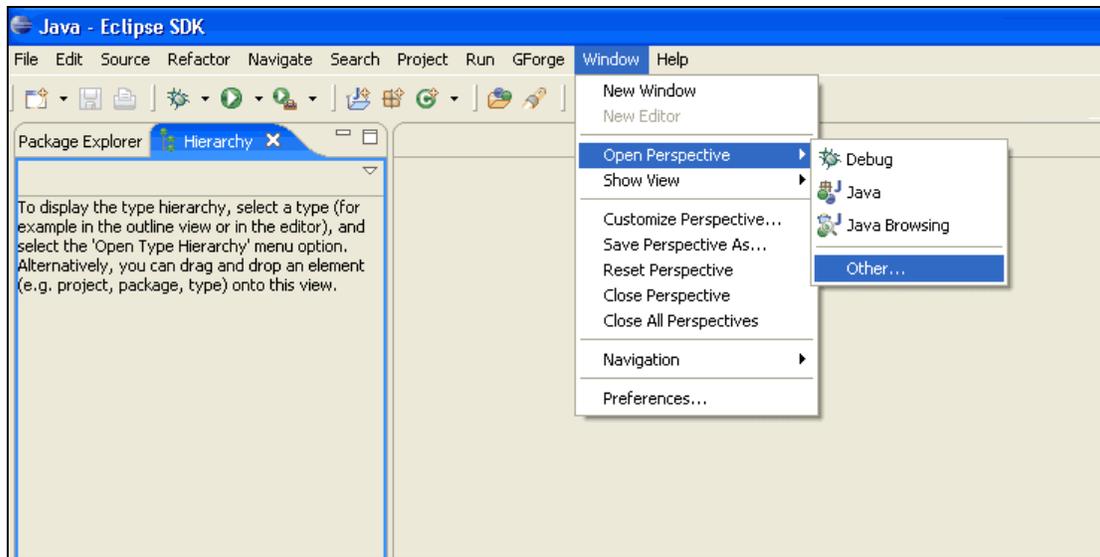


Figure 20-1. Open Eclipse

4. Select **GForge Perspective** and click **OK**.

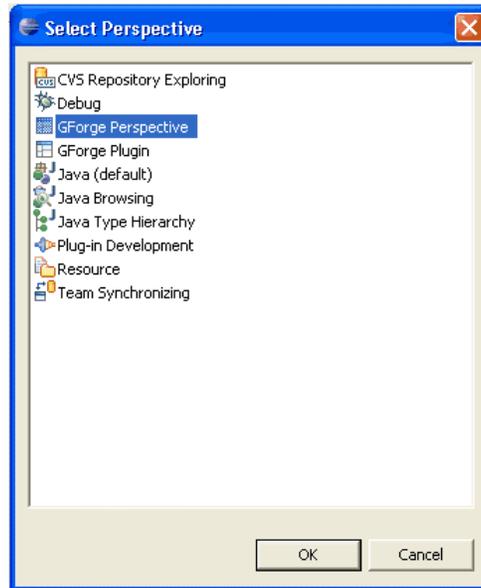


Figure 20-2. GForge Perspective

5. Select GForge > **Login**.

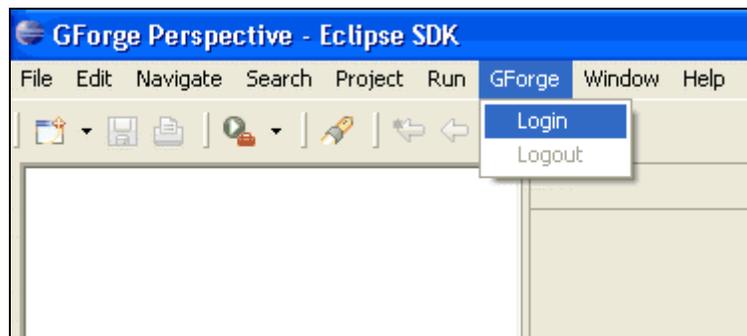


Figure 20-3. GForge Login

6. Enter your **Server Name**. Refer to Figure 20-4.
7. Enter your **User Name**.
8. Enter your **Password**.
9. Click the **Login** button.
 - ❖ **Note:** To use SSL, your server must be set up properly and **must** have a valid SSL certificate issued by a recognized authority. Self-generated or invalid SSL certificates **will not work**.
10. Enter a **Serial Number** if you have not done it already.

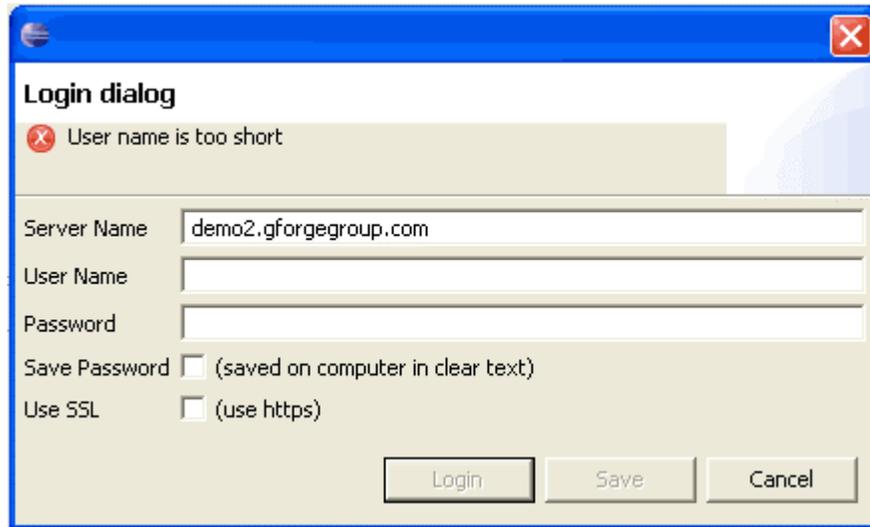


Figure 20-4. Login Dialog

11. Click on a **Tracker** to view a list of items in this Project's Tracker.

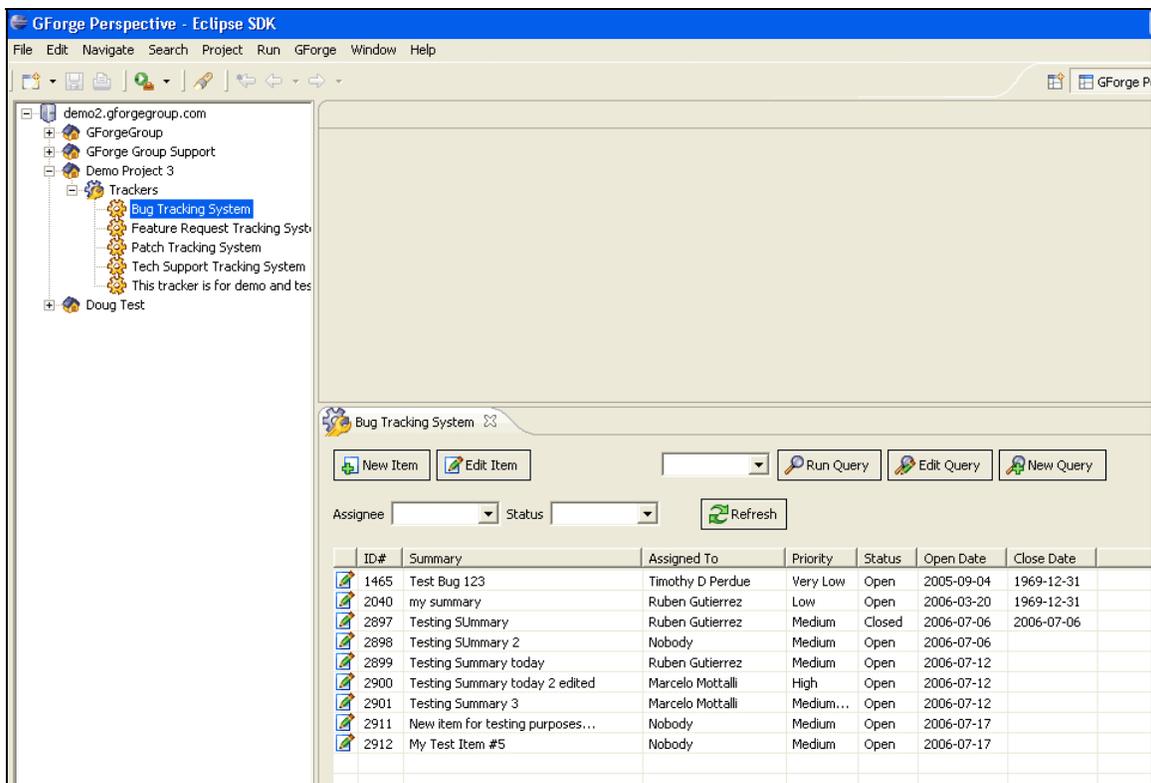


Figure 20-5. Tracker List

Use the Assigned To and status filters to locate items. You can also edit or add complex queries using the Manage button. Complex queries are stored on the server and will be visible in the web interface as well as the Visual Studio Add-in. Each of these queries performs their work on the server side and can be used to limit the number of downloaded items. If you have a Tracker with hundreds of items in it, it is a good idea to filter the list to a small subset of items for best performance. Downloading hundreds of items from the Tracker can be very time consuming.

Double-click on any of the item in the Project list to display editor screen.

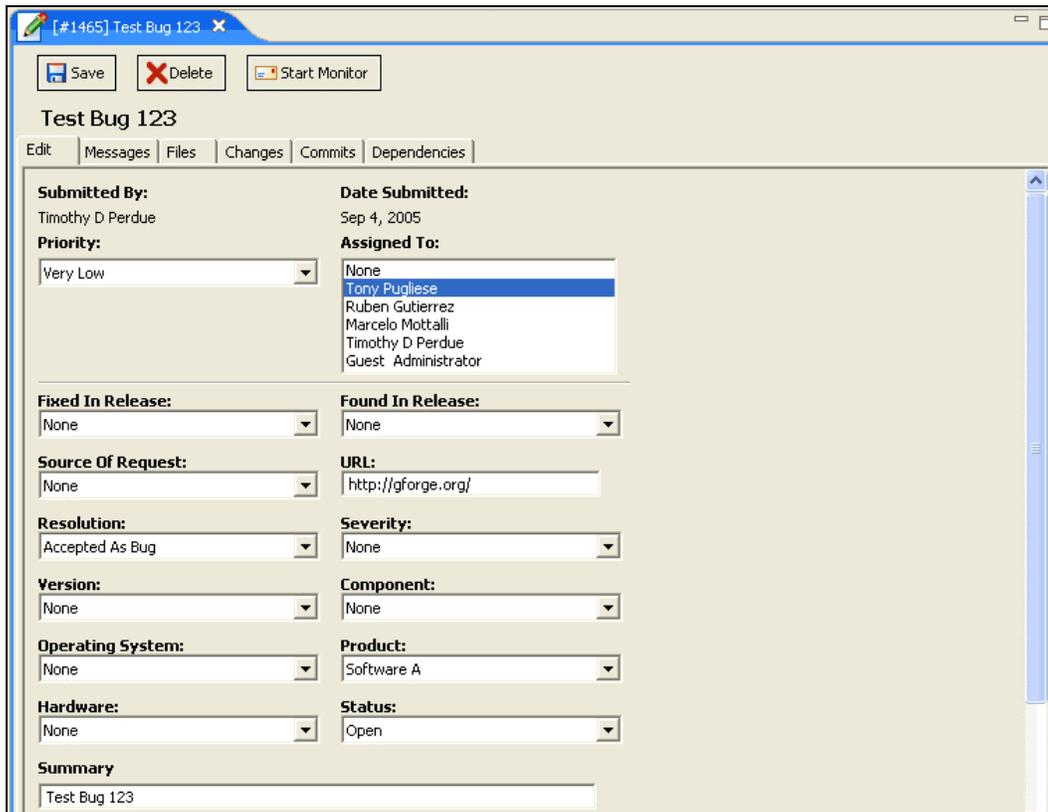


Figure 20-6. View Tracker

You can save your changes or delete the Tracker item from this screen.

Files – Displays any attached files.

Changes – Displays the audit trail for this item.

Commits – Displays any files that have been modified in the SCM repository and linked to this item.

Dependencies – Displays a list of any other items that this item is dependent on.

Section 21 – MS Project

The Microsoft Project Add-in comes with a simple installer and requires Microsoft Project 2003 or newer. On the server, make sure your user has access permissions to at least one Project and that you are set with Assignee/Admin or higher permissions for each Tracker that you wish to use. If you have no access to any Trackers, you will not be able to use the Add-in.

- ❖ **Note:** You require need a serial number in order to use the Add-in, and the serial number is only valid for a particular server hostname. If you change server hostnames, you will have to get an updated serial number from GForge Group.

1. Double-click the installer and follow the prompts.
2. Launch **MS Project**.
3. Click the **GForge Plugin** button.
4. Enter your **Hostname**.
5. Enter your **Serial Number**.
6. Enter your **Login Name**.
7. Enter your **Password**.

- ❖ **Note:** To use SSL, your server must be set up properly and **must** have a valid SSL certificate issued by a recognized authority. Self-generated or invalid SSL certificates **will not work**.

8. Click the **Fetch Subprojects** button. This populates the selection box with a list of your Projects and Subprojects.
9. Select the **Subprojects** and click the **Apply** button to download any task information from the server as well as upload any local tasks. This two-way synchronization allows your users to make changes on both the server and the client side and have the changes synchronized to both locations.

A timestamp is stored on each task and in the client Add-in each time synchronization occurs. If a task is updated on the server-side between client syncs, the server side data will overwrite any local changes to the same tasks. If a task is deleted in the server, and modified in the client, it will be deleted locally. If a task is deleted locally, but modified on the server, it will be re-created locally at the next synchronization.

- ❖ **Note:** Not all data is synchronized with the server. Only the data that GForge can represent in the web interface is transmitted to/from the server. This means very complex project plans should be saved into a local MS Project file after syncing with GForge. If you sync with GForge, then do not save your local file, data loss could occur.

10. Click **Apply**.
11. **Save** the file locally as multiple users attempting to access the same Subproject using the MS Project client may have unpredictable results, such as missing percentages of resources assigned to Tasks.

Figure 21-1. MS Project Plug-in

Server – Uniform Resource Locator (URL) or actual location of the GForge Server.

Serial Number – GForge Server Serial Number.

UserName – User name exactly as it appears in the GForge Login Name field of the Account Registration screen.

Password – GForge Login Password.

Use SSL – Select to use Secure Sockets Layer (SSL) encryption when transmitting data.

Fetch Subprojects – Click to select the GForge Subprojects corresponding to the selected GForge Server.

Subprojects – Use the drop-down list box to select the desired GForge Subproject that you desire to use with MS Project after clicking Fetch Subproject.

Synchronize Subproject – Select and click Apply to synchronize the GForge Subproject with MS Project.

Create Subproject – Select and click Apply to create a new Subproject in both GForge and MS Project.

Apply – Click to synchronize data between GForge and MS Project.

Unlink – Click to disassociate the link between GForge and MS Project.

Close – Click to close the screen without synchronizing data between GForge and MS Project.

21.1.1 Remapping a Resource

To re-map a resource during synchronization:

1. **Synchronize** MS Project with GForge.
2. Select the GForge user name from the **To Resource** drop-down list box.

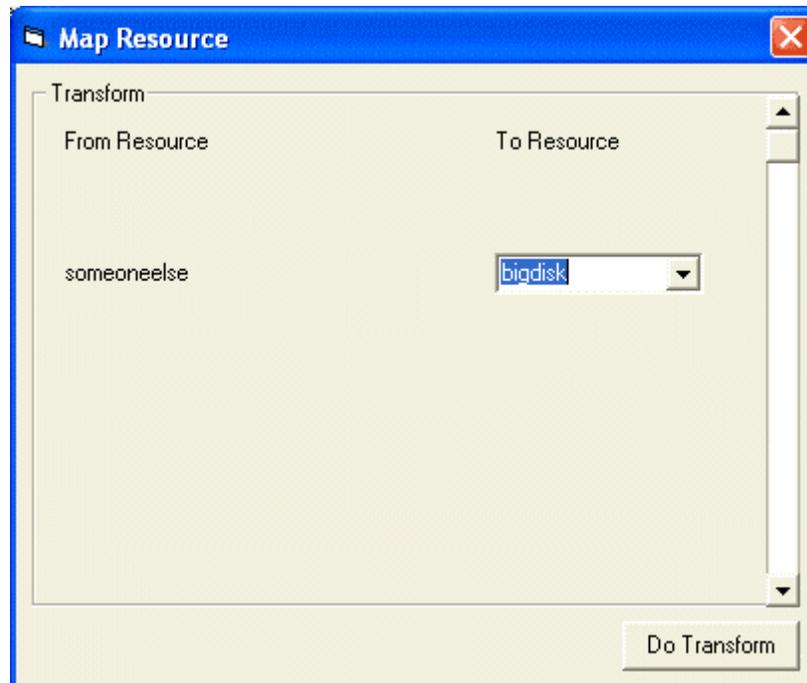


Figure 21-3. Map Resource

3. Click the **Do Transform** button to remap the From Resource to the GForge To Resource.

Section 22 – ClearCase

IBM® Rational® ClearCase® provides management and control of software development assets. Integration with design, development, build, test and deployment tools provides a comprehensive solution for controlled access to software assets across the full lifecycle.

22.1 Access Info

Click the Access Info to display access information to use the repository.



Figure 22-1. ClearCase Access Info

Section 23 – Visual Source Safe

23.1 Access Info

Click the Access Info to display access information to use the repository.

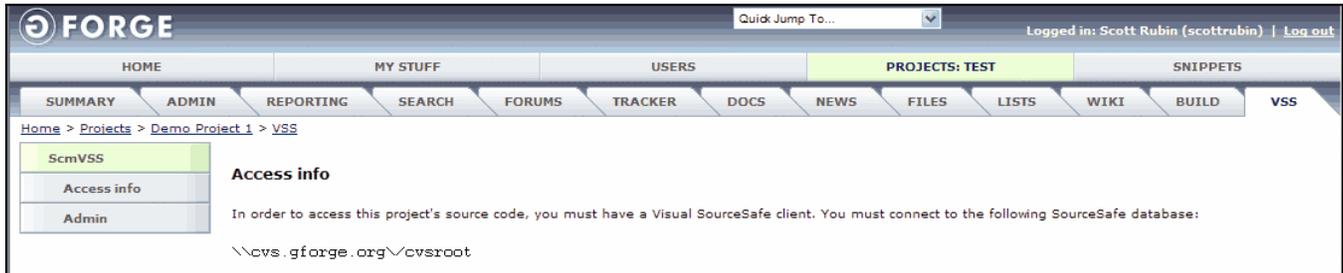


Figure 23-1. VSS Access Info

Section 24 – Perforce

Perforce is a Source Code Management (SCM) system based on a client/server architecture. Users of Perforce client programs connect to a Perforce server and use Perforce client programs to transfer files between the server's file repository and individual client workstations.

The Perforce integration included in GForge AS allows for full integration with GForge, including: creating blank repositories when a Project is created; adding users and groups to the Perforce repository so the users can commit changes to code; enforcing the requirement of a Tracker Item ID on commit if chosen by the Project Administrator; linking commits to Tracker Items, so the changed files and other commit information displays on the Commits tab of the Tracker Item; emailing differences of commits to the commits mailing list if the Project Administrator chooses; and displaying commits on the Activity Report for the Project.

To access Perforce SCM:

1. Navigate to the **Project**.
2. Click the **Perforce SCM** tab.
3. Enter the **data**.
4. Click the **Submit** button.



Figure 24-1. Perforce

Access Info – Directions to checkout files from the Perforce repository.

Perforce Reference – Click to display the Perforce user manual.

Browse– This page displays the web interface for Perforce. GForge can automatically create blank repositories for projects that choose to use Perforce, or an administrators can create an external repository and link it to GForge using the external SCM scripts provided. You can browse the repository to make quick references to the code without opening another application.

24.1 Access Info

Click the Access Info to display access information to use the repository.

24.2 Linking a Commit to a Tracker Item

Commits can be linked to a Tracker Item by referencing the Tracker Item id in the commit message. For example, this command will link your changes to Tracker Item #1000:

```
svn commit -m “[#1000] linking this change to defect”
```

Click the Commits tab in the Tracker Item view the changed files.

Section 25 – Wiki

A wiki is a tool where everyone can collaborate on the content and modify the pages created by the Project Administrator. This ease of interaction and operation makes a wiki an effective tool for collaborative writing.

In essence, a wiki is a simplification of the process of creating HTML pages combined with a system that records each individual change that occurs over time, so that at any time, a page can be reverted to any of its previous states. Wiki also includes various tools, designed to provide you with an easy way to monitor the constantly changing state of the wiki as well as a place to discuss and resolve the many inevitable issues.

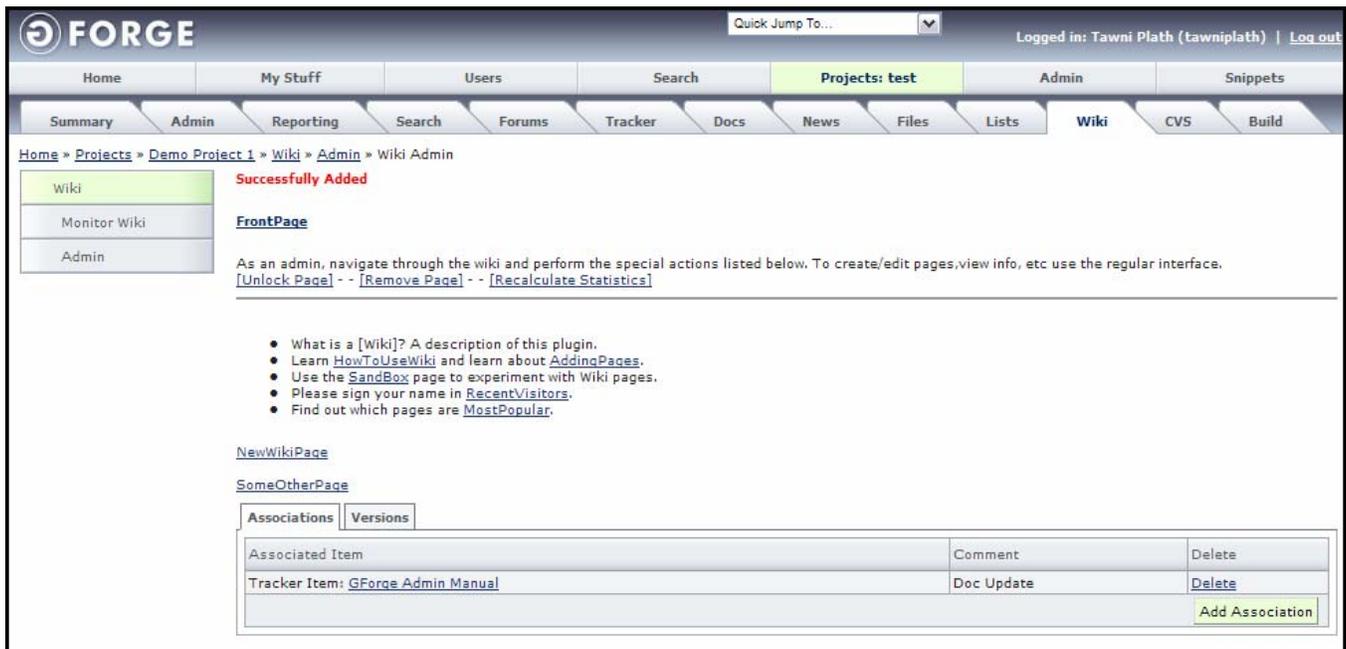


Figure 25-1. Wiki Admin

FrontPage – Displays the pages that are linked to this wiki.

Lock Page / Unlock Page – Locks or unlocks the wiki page so only Project Administrators can edit it.

Remove Page – Deletes the wiki page.

Recalculate Statistics – Clears the user statistics.

What is a Wiki? – Describes what a wiki is.

How To Use Wiki – Describes how to use wiki.

Adding Pages – Describes how to make a wiki page.

SandBox – Test page in which you can practice your wiki skills.

Recent Visitors – Enter your name a recent visitor.

Most Popular – Displays the 20 most popular pages of this wiki.

New Wiki Page – Add a new wiki page.

Some Other Page – View other wiki pages.

❖ **Note:** You can escape wiki link creation by using a backslash (\).

For example \DontMakeLink

“Shortcuts are available to make links into other tools in the GForge system. For example to make a shortcut to a forum message, use [#F9999] where 9999 is replaced by the thread ID. [#9999] will create a link to Tracker Item #9999, and [#R9999] will create a shortcut to FRS Release #9999”

Associations Tab

Associated Item – Items associated with this wiki. Refer to Figure 25-1.

Comment – Comments about items associated with this wiki.

Delete – Removes the item associated with this wiki from the wiki page. Refer to Section 25.1.2, Deleting a Wiki Association, page 25-4.

Add Association – Adds a new item to be associated with this wiki. Refer to Section 25.1.1, Adding a Wiki Association, on page 25-3.

Version Tab

The Wiki Version tab displays all versions of the wiki page and the differences between the pages.

FORGE Quick Jump To... Logged in: Tawni Plath (tawniplath) | Log out

Home My Stuff Users Search **Projects: test** Admin Snippets

Summary Admin Reporting Search Forums Tracker Docs News Files Lists **Wiki** CVS Build

Home » Projects » Demo Project 1 » Wiki » View Page

Wiki **Successfully Deleted**

Monitor Wiki **FrontPage**

Admin

- What is a [Wiki]? A description of this plugin.
- Learn [HowToUseWiki](#) and learn about [AddingPages](#).
- Use the [SandBox](#) page to experiment with Wiki pages.
- Please sign your name in [RecentVisitors](#).
- Find out which pages are [MostPopular](#).

[NewWikiPage](#)

[SomeOtherPage](#)

Associations Versions

Version	Author	Last Modified	Score	Hits	Diff
#3	Ruben Gutierrez	2007-06-11 13:43:18	0	48	
#2	Ruben Gutierrez	2006-10-04 13:45:55	0	113	Show diff
#1	Timothy Perdue	2006-05-05 15:52:42	0	10	Show diff

[Add New Version](#)

FORGE Advanced Server

Figure 25-2. Wiki Versions

Version – Adds a new version of the wiki.

Author – Author of the new version.

Last Modified – Date the version was last modified.

Score – Score associated with the user.

Hits – Number of times the wiki has been opened after it was added.

Diff – Displays the differences after editing a wiki page.

Add New Version – Adds a new version of the wiki page. Refer to Section 25.2.1, Adding a New Version, on page 25-4.

25.1 Associations

This section details how to associate a wiki with a Tracker, Document, Release, or another Wiki Page.

25.1.1 Adding a Wiki Association

To add an association to a wiki page:

1. Locate the **Item ID** of the Tracker, Document, Release, or Wiki Page.
2. Click the **Wiki** tab for your Project.
3. Click the **Add Association** button.
4. Select the **Plugin** from the drop-down list box with which you desire to associate this wiki page.
5. Enter the **Item ID** of the Tracker, Document, Release, or Wiki Page.
6. Enter a **Comment** to describe the association.
7. Click the **Add** button.

The screenshot shows the GForge web interface. At the top, there is a navigation bar with tabs for Home, My Stuff, Users, Search, Projects: test (highlighted), Admin, and Snippets. Below this is a secondary navigation bar with tabs for Summary, Admin, Reporting, Search, Forums, Tracker, Docs, News, Files, Lists, Wiki (highlighted), CVS, and Build. The main content area shows a breadcrumb trail: Home » Projects » Demo Project 1 » Add New Association. The 'Add Association' form is displayed, featuring a 'Plugin' dropdown menu with 'Wiki Page' selected, an 'Item ID' text input field, a 'Comment' text input field, and an 'Add' button.

Figure 25-3. Add Association

25.3 Monitoring a Wiki Page

To receive e-mails when a Wiki page is changed:

1. **Login** to GForge.
2. Navigate to the **Project** that contains the Wiki page you desire to monitor.
3. Click the **Wiki** tab.
4. Navigate to the **Wiki** page you desire to monitor.
5. Click **Monitor Wiki**. The link changes to Stop Monitoring and you receive an e-mail whenever the Wiki page changes.

25.3.1 Stopping a Wiki Page Monitor

To end receiving e-mails when a Wiki page has changed:

1. **Login** to GForge.
2. Navigate to the **Project** that contains the Wiki page you desire to end monitoring.
3. Click the **Wiki** tab.
4. Navigate to the **Wiki** page you desire to end monitoring.
5. Click **Stop Monitoring**. You no longer receive an e-mail when the Wiki page changes. The link changes to Monitor Wiki.

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