

# Software Collaboration with OpenSource

Which Software can be used for  
collaboration?

Web Site:

[www.soebes.com](http://www.soebes.com)

Blog:

[blog.soebes.com](http://blog.soebes.com)

Email:

[info@soebes.com](mailto:info@soebes.com)

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# Agenda

1. What we are talking about?
2. Overview
3. Detailed Features
4. Installation
5. Summarization

# 1. Collaboration Tools

- The basic idea of Collaboration tools is to have everything at a centralized place:
  - Tracking of Bugs, Changes, Requirement etc.
  - Documentation
  - Dashboard
  - Version Control

# 1. Collaboration Tools

- We are talking in particular about the following three Open Source Collaboration tools for Software Development.
  - GForge
  - trac
  - Redmine

# 1. Collaboration Tools

- Why?
  - These are tools which are specific developed for Collaboration.
  - Other tools support only partial areas for example Bug tracking, wiki etc.
  - Groupware supports only partially parts for collaboration like Bug tracking or “project management” etc.

## 2. Overview

### **2.1 GForge**

### 2.2 Trac

### 2.3 Redmine

# 2.1 Overview GForge Start Page

**FORGE** Software/Group  Search Log In New Account

Home My Page Project Tree Code Snippets Project Openings

### GForge helps you manage the entire development life cycle

GForge has tools to help your team collaborate, like message forums and mailing lists; tools to create and control access to Source Code Management repositories like CVS and Subversion. GForge automatically creates a repository and controls access to it depending on the role settings of the project.

Additional Tools:

- Manage File Releases
- Document Management
- News announcements
- Surveys for users and admins
- Issue tracking with "unlimited" numbers of categories, text fields, etc
- Task management

### Professional Services

The GForge project is supported and maintained by the GForgeGroup:

- Installation
- Support
- Online Training
- Integration into your network, with LDAP authentication
- See [GForge Group Professional Services](#) for more info.

### Major New Features

**Command Line Interface** The unix-style interface to GForge uses the SOAP API to let you access, add, and update Bugs, Tasks, and File Releases. The [CLI Project](#) is always looking for enhancements, fixes, and feedback.

**Tinderbox** This widely-known build tool has been integrated with a GForge plugin, allowing project admins to setup and activate tinderbox building for their projects and view the results through the tinderbox plugin in GForge. The [Tinderbox Project](#) is always looking for volunteers.

**More Powerful Tracker** Major enhancements in the tracker include powerful new querying capabilities, new bugzilla-like fields by default, a configurable template project, and tracker cloning.

**MS Project Integration** A plugin has been developed for MS Project that allows it to synchronize tasks with GForge task manager subprojects. The [MS Project Plugin](#) is currently only available under a non-free license.

Latest News  
No News Items Found

Ad

Getting GForge  
Download:  
[GForge4.5](#)  
[PostgreSQL](#)  
[PHP 4.x](#)  
[Apache](#)  
[Mailman](#) \*  
\* optional

Get Help  
[GForge Group Professional Services](#)  
[Help Board](#)  
[Online Docs](#)

Contribute!  
[GForge Project Page](#)  
[Developer Board](#)  
[Oracle Board](#)  
[SOAP API](#)  
[Bug Tracker](#)  
[Patch Submissions](#)  
[Feature Requests](#)

[Debian "unstable" Users](#) can simply "apt-get install gforge" to get a complete gforge system. Other debian users, can add some lines to /etc/apt/sources.list found at "<http://people.debian.org/~bayle/>" or "<http://people.debian.org/~lolando/>" and type "apt-get install gforge" to install a working GForge-3.0 system, thanks to Christian Bayle, Roland Mas and the Debian-SF project.

MyGForge Statistics

Hosted Projects: 4  
Registered Users: 4

Top Project Downloads  
No Stats Available

Highest Ranked Users  
No Stats Available

Most Active This Week  
No Stats Available

Recently Registered Projects  
(10/02) [svmtest](#)  
(08/10) [Test SVN Project](#)  
(08/10) [Test CVS Project](#)  
(07/01) [Template Project](#)

# 2.1 Overview GForge My Page

**FORGE** Software/Group  Search Log Out | My Account Quick Jump To...

Home **My Page** Project Tree Code Snippets Project Openings

[My Personal Page](#) | [Diary & Notes](#) | [Account Maintenance](#) | [Register Project](#)

Assigned Artifacts Assigned Tasks Submitted Artifacts Monitored Items Projects

ID	Priority	Summary
You have no open tracker items assigned to you.		

powered by **FORGE**



# 2.1 Overview GForge My Page

FORGE

Software/Group  Search

Log Out My Account Quick Jump To...

Home My Page Project Tree Code Snippets Project Openings Admin Reporting

[My Personal Page](#) | [Diary & Notes](#) | [Account Maintenance](#) | [Register Project](#)

Assigned Artifacts Assigned Tasks Submitted Artifacts Monitored Items Projects

Remove	My Projects
	<a href="#">Master Group</a>
	<a href="#">svntest</a>
	<a href="#">Test CVS Project</a>

powered by FORGE

# 2.1 Overview GForge Admin

The screenshot displays the GForge Admin interface. At the top, there is a navigation bar with the GForge logo on the left, a search box in the center, and user options like 'Log Out' and 'My Account' on the right. Below the navigation bar is a horizontal menu with tabs for 'Home', 'My Page', 'Project Tree', 'Code Snippets', 'Project Openings', 'Admin', 'Reporting', and 'Test SVN Project'. Underneath these are sub-tabs for 'Summary', 'Admin', 'Activity', 'Forums', 'Tracker', 'Lists', 'Tasks', 'Docs', 'Surveys', 'News', 'SCM', and 'Files'. The main content area is divided into several sections:

- Project Overview:** A text block stating 'This is a test of SVN crons' and 'This project has not yet categorized itself in the Trove Software Map.' It also includes registration information: 'Registered: 2008-08-10 22:06', 'Activity Percentile: 0%', and links for 'View project Statistics or Activity' and 'View list of RSS feeds available for this project'.
- Developer Info:** A sidebar box listing 'Project Admins: testsvn testsvn' and 'Developers: svntest svntest, testuser testuser', with links for '[View Members]' and '[Request to join]'.
- Latest File Releases:** A table with columns for 'Package', 'Version', 'Date', 'Notes / Monitor', and 'Download'. A message states 'This Project Has Not Released Any Files' with a link to '[View All Project Files]'.
- Public Areas:** A section with a 'Project Home Page' link and a 'Tracker' section listing: '- Bugs ( 1 open / 1 total ) Bug Tracking System', '- Support ( 0 open / 0 total ) Tech Support Tracking System', '- Patches ( 0 open / 0 total ) Patch Tracking System', and '- Feature Requests ( 0 open / 0 total ) Feature Request Tracking System'.
- Latest News:** A section titled 'This is the first News Entry' dated '2008-10-09 08:40' with links for '(0 Comment)', '[Read More/Comment]', '[News archive]', and '[Submit News]'.

# 2.1 Overview GForge Admin

The screenshot displays the GForge Admin interface. At the top, there is a navigation bar with the GForge logo, a search box, and links for 'Log Out' and 'My Account'. Below the navigation bar is a secondary menu with tabs for 'Home', 'My Page', 'Project Tree', 'Code Snippets', 'Project Openings', 'Admin', 'Reporting', and 'svntest'. The 'Admin' tab is selected, and a sub-menu shows 'Summary', 'Admin', 'Activity', 'Forums', 'Tracker', 'Lists', 'Tasks', 'Docs', 'Surveys', 'News', 'SCM', and 'Files'. The main content area is divided into two columns. The left column, titled 'Misc. Project Information', contains details such as 'Short Description: svntests...', 'Homepage Link: svntest.gforgedemo.com', 'Group shell (SSH) server: svntest.gforgedemo.com', 'Group directory on shell server: /home/groups/svntest', and 'Project WWW directory on shell server: /home/groups/svntest/htdocs'. Below this is a 'Trove Categorization: [Edit]' section and a 'Tool Admin' section with links for Tracker Admin, DocManager Admin, Mail Admin, News Admin, Task Manager Admin, Forum Admin, FRS Admin, and SCM Admin. The right column, titled 'Group Members', shows a table with columns for 'Unix Name', 'Role', 'Update', and 'Remove'. The table lists members like 'gforgeadmin' and 'svntest svntest (svntest)'. A dropdown menu is open for the 'svntest svntest (svntest)' member, showing roles: 'Admin', 'Senior Developer', 'Junior Developer', 'Doc Writer', and 'Support Tech'. Below the table are sections for 'Pending Requests' (No Pending Requests), 'Edit Roles' (Admin role selected), and 'Add Role'.

**Misc. Project Information**

Short Description: svntests...svntest

Homepage Link: [svntest.gforgedemo.com](http://svntest.gforgedemo.com)

Group shell (SSH) server: [svntest.gforgedemo.com](http://svntest.gforgedemo.com)

Group directory on shell server: | [/home/groups/svntest](#)

Project WWW directory on shell server: [/home/groups/svntest/htdocs](#)

[ [Download Your Nightly SCM Tree Tarball](#) ]

**Trove Categorization: [Edit]**

**Tool Admin**

- [Tracker Admin](#)
- [DocManager Admin](#)
- [Mail Admin](#)
- [News Admin](#)
- [Task Manager Admin](#)
- [Forum Admin](#)
- [FRS Admin](#)
- [SCM Admin](#)

**Group Members**

Unix Name	Role	Update	Remove
(gforgeadmin)	No Change	<input type="button" value="Update"/>	<input type="button" value="Remove"/>
svntest svntest (svntest)	Admin	<input type="button" value="Update"/>	<input type="button" value="Remove"/>
Observer		<input type="button" value="Edit Observer"/>	
<input type="text"/>		<input type="button" value="Add User"/>	

[Add Users From List](#)

**Pending Requests**

No Pending Requests

**Edit Roles**

Admin

[Add Role](#)

# 2.1 Overview GForge Activity

FORGE Search the entire project Search Advanced search Log Out My Account Quick Jump To...

Home My Page Project Tree Code Snippets Project Openings Admin Reporting svitest

Summary Admin Activity Forums Tracker Lists Tasks Docs Surveys News SCM Files

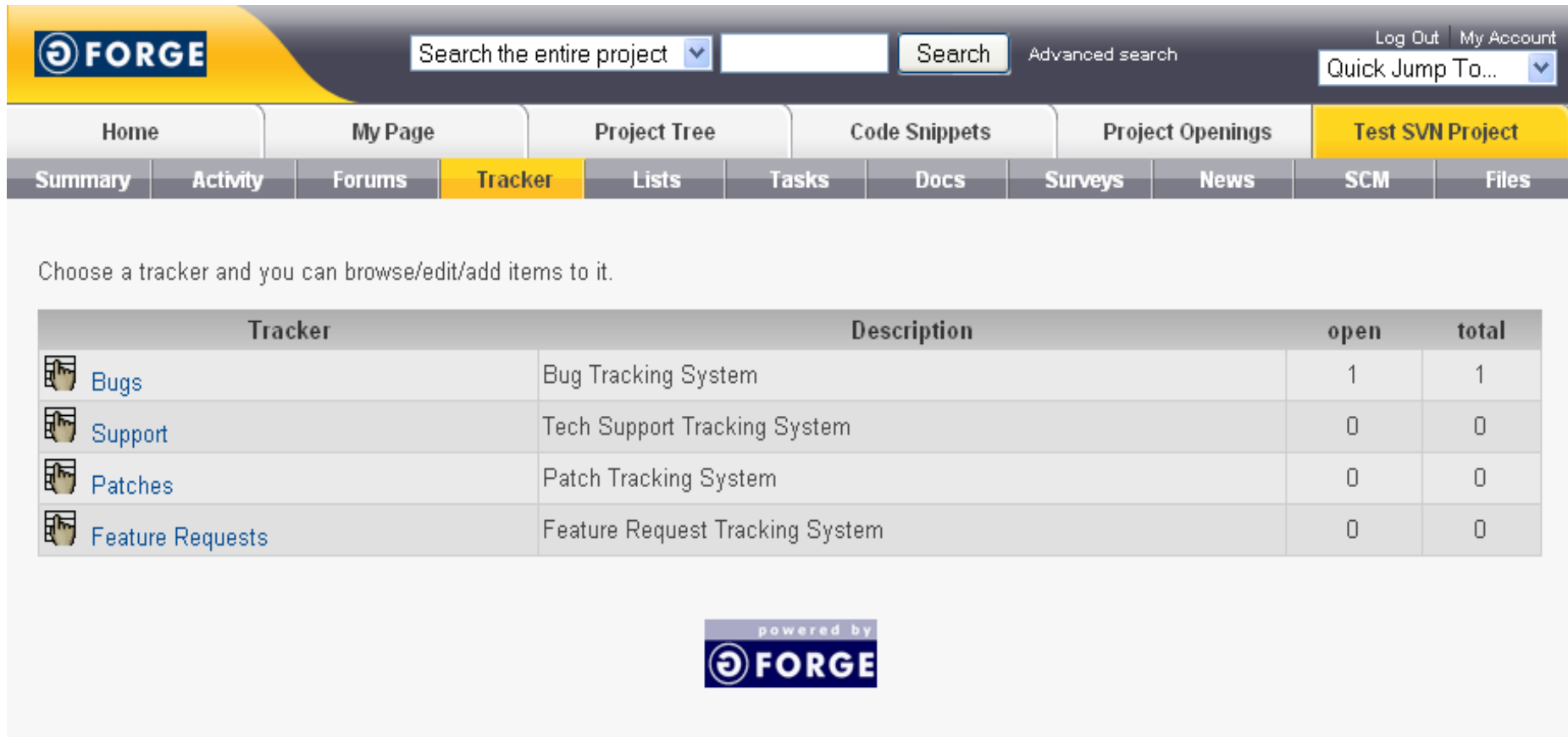
Activity Start End

Commits Tracker Opened Tracker Closed FRS Release Forum Post

2008-09-06 2008-10-06 Submit





Time	Activity	By
2008-10-02		
10:54:39	Forum Post Welcome to Open-Discussion	
10:54:39	Forum Post Welcome to Help	
10:54:39	Forum Post Welcome to Developers	


# 2.1 Overview GForge Tracker



The screenshot shows the GForge Tracker interface. At the top, there is a search bar with the text "Search the entire project" and a "Search" button. To the right, there are links for "Log Out" and "My Account", and a "Quick Jump To..." dropdown menu. Below the search bar is a navigation menu with tabs for "Home", "My Page", "Project Tree", "Code Snippets", "Project Openings", and "Test SVN Project". Underneath this is a secondary menu with tabs for "Summary", "Activity", "Forums", "Tracker", "Lists", "Tasks", "Docs", "Surveys", "News", "SCM", and "Files". The "Tracker" tab is currently selected.

Choose a tracker and you can browse/edit/add items to it.

Tracker	Description	open	total
 <a href="#">Bugs</a>	Bug Tracking System	1	1
 <a href="#">Support</a>	Tech Support Tracking System	0	0
 <a href="#">Patches</a>	Patch Tracking System	0	0
 <a href="#">Feature Requests</a>	Feature Request Tracking System	0	0

powered by 

# 2.1 Overview GForge Tracker

Summary Activity Forums **Tracker** Lists Tasks Docs Surveys News SCM Files

[Bugs: Browse](#) | [Download .csv](#) | [Submit New](#) | [Reporting](#) | [Monitor](#) | [Admin](#)

**Build Query** Assignee:  State:   
Order by: (?)

ID	Summary	Open Date	Priority	Assigned To	Submitted By
<input type="checkbox"/> 1	This is a Test Bug	2008-09-07 12:43	3	Nobody	testsvn testsvn

1  
[Check all](#) - [Clear all](#)

**Admin:** If you wish to apply changes to all items selected above, use these controls to change their properties and click once on "Mass Update".

**Hardware:**

**Operating System:**

**Version:**

**Resolution:**

**Priority: (?)**

**Assigned To: (?)**

**Canned Response: (?)**

**Product:**

**Component:**

**Severity:**

**State: (?)**

\* Denotes requests > 30 Days Old

**Priority Colors:**  
1 2 3 4 5

# 2.1 Overview GForge Single Ticket (Bug)

[Bugs: Browse](#) | [Download .csv](#) | [Submit New](#) | [Reporting](#) | [Monitor](#) | [Admin](#)

[#1] This is a Test Bug

 [Monitor](#)

 [Build Task Relation](#)

 [Delete](#)

**Submitted By:**

testsvn testsvn ([testsvn](#))

**Date Submitted:**

2008-09-07 12:43

**Data Type: (?)**

Bugs

**Hardware:**

DEC

**Operating System:**

Windows 3.1

**Version:**

v1.0

**Resolution:**

Accepted As Bug

**URL:**

**Product:**

Software A

**Component:**

Cog B

**Severity:**

blocker

**Assigned To: (?)**

Nobody  (Admin)

**Priority: (?)**

3

**State: (?)**

Open

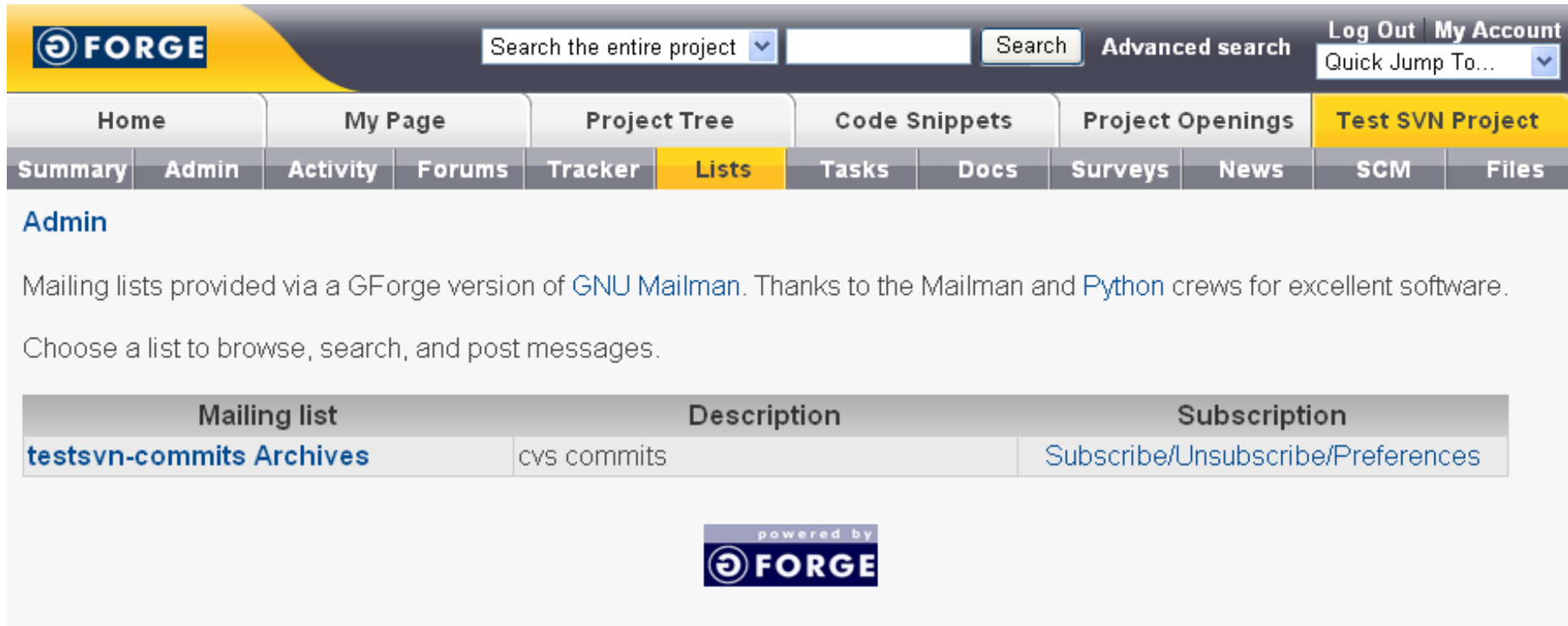
**Summary: (?)**

This is a Test Bug

**Detailed description**

This is the description of the bug.

# 2.1 Overview GForge Single Ticket



The screenshot shows the GForge website interface. At the top, there is a navigation bar with the GForge logo on the left, a search box with the text "Search the entire project" and a "Search" button, and links for "Log Out" and "My Account" on the right. Below the navigation bar is a menu with tabs for "Home", "My Page", "Project Tree", "Code Snippets", "Project Openings", and "Test SVN Project". Under "Project Tree", there are sub-tabs for "Summary", "Admin", "Activity", "Forums", "Tracker", "Lists", "Tasks", "Docs", "Surveys", "News", "SCM", and "Files". The "Admin" tab is selected, and the "Lists" sub-tab is also selected. The main content area is titled "Admin" and contains the following text:

Mailing lists provided via a GForge version of [GNU Mailman](#). Thanks to the Mailman and [Python](#) crews for excellent software.

Choose a list to browse, search, and post messages.

Mailing list	Description	Subscription
<a href="#">testsvn-commits Archives</a>	cvs commits	<a href="#">Subscribe/Unsubscribe/Preferences</a>

At the bottom of the page, there is a "powered by" logo for GForge.



# 2.1 Overview GForge Single Ticket

The screenshot displays the GForge web interface. At the top left is the GForge logo. To its right is a search bar with the text "Search the entire project" and a "Search" button. Further right are links for "Log Out" and "My Account", and a "Quick Jump To..." dropdown menu. Below the search bar is a navigation menu with tabs for "Home", "My Page", "Project Tree", "Code Snippets", "Project Openings", and "Test SVN Project". Underneath this is a secondary menu with tabs for "Summary", "Admin", "Activity", "Forums", "Tracker", "Lists", "Tasks" (which is highlighted), "Docs", "Surveys", "News", "SCM", and "Files". Below the navigation is a text instruction: "Choose a Subproject and you can browse/edit/add tasks to it." This is followed by a table with the following data:

Subproject Name	Description	Open	Total
To Do	Things We Have To Do	0	0
Next Release	Items For Our Next Release	0	0

At the bottom center of the interface is a logo that says "powered by" above the GForge logo.

# 2.1 Overview GForge Tasks

**FORGE** Search the entire project Search Advanced search Log Out My Account Quick Jump To

Home Admin My Page ProjectTree Code Snippets Project Opening s Test SVN Project  
Summary Admin Activity Forums Tracker Lists **Tasks** Docs Surveys News SCM Files

To Do: Browse Tasks | Add Task | Gantt Chart | Download as CSV | Upload CSV | Reporting | Admin

Submitted By: testuser (testuser)

Category: None (admin) Subproject: To Do

Percent Complete: Not Started Priority: 3

Task Summary: Test Task Summary 1

Original Comment: Details

Add A Comment:

Start Date: October 6, 2008 12:00  
The system will modify your start and dates if you attempt to create a start date earlier than the end date of any tasks you depend on.  
[View Calendar](#)

End Date: October 10, 2008 12:00

Assigned To: None, svnbest, testuser, testuser  
Dependent on Task: None  
You should choose only tasks which must be completed before this task can start.

Estimated Hours: 24  
Status: Open

No Tasks are Dependent on This Task  
No Related Tracker Items Have Been Added  
No Comments Have Been Added  
No Changes Have Been Made

Time tracking

Week	Day	Estimated Hours	Category	User
2008-10-12 to 2008-10-18	Sunday	0		
Total:		0		<input type="button" value="Add"/> <input type="button" value="Cancel"/>

**FORGE**

# 2.1 Overview GForge Tasks

**FORGE** Search the entire project  Search Advanced search Log Out My Account Quick Jump To...

Home My Page Project Tree Code Snippets Project Openings **Test SVN Project**

Summary Admin Activity Forums Tracker Lists **Tasks** Docs Surveys News SCM Files

[To Do:](#) [Browse Tasks](#) | [Add Task](#) | [Gantt Chart](#) | [Download as CSV](#) | [Upload CSV](#) | [Reporting](#) | [Admin](#)

**Category:**  
None  (admin)

**Percent Complete:** Not Started  **Priority:** 3

**Task Summary:\***

**Task Details:\***

**Estimated Hours:\***

**Start Date:**  
October  5  2008  11  0

The system will modify your start/end dates if you attempt to create a start date earlier than the end date of any tasks you depend on.  
[View Calendar](#)

**End Date:**  
October  12  2008  11  0

**Assigned To:**  
None  
svntest svntest  
testsvn testsvn  
testuser testuser

**Dependent on Task:**  
None

You should choose only tasks which must be completed before this task can start.

# 2.1 Overview GForge Tasks

## Assigned To:

None  
svntest svntest  
testsvn testsvn  
testuser testuser

## Dependent on Task:

None  
Test Task Summary 1

You should choose only tasks which must be completed before this task can start.

## Estimated Hours:

## Status:

No Tasks are Dependent on This Task

No Related Tracker Items Have Been Added

No Comments Have Been Added

No Changes Have Been Made

Submit

## Time tracking

Week	Day	Estimated Hours	Category	User
2008-10-12 to 2008-10-18	Sunday	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Total:</b>		0		

Add Cancel

# 2.1 Overview GForge Docs

The screenshot displays the GForge documentation interface. At the top left is the GForge logo. A search bar is located at the top center with the text "Search the entire project" and a "Search" button. To the right of the search bar are links for "Advanced search", "Log Out", and "My Account". Below the search bar is a "Quick Jump To..." dropdown menu. The main navigation area consists of several tabs: "Home", "My Page", "Project Tree", "Code Snippets", "Project Openings", and "Test SVN Project" (which is highlighted in yellow). Below these tabs is a secondary row of navigation items: "Summary", "Admin", "Activity", "Forums", "Tracker", "Lists", "Tasks", "Docs" (highlighted in yellow), "Surveys", "News", "SCM", and "Files". Below the navigation area, there are links for "Submit new documentation", "View Documentation", and "Admin". A language selection dropdown is set to "English (1)" with a "Go" button. Below the language selection is a folder icon labeled "Uncategorized Submissions" containing a document icon labeled "This is the first doc. (3827316170 UML konzentriert (STD).pdf)". At the bottom center, there is a "powered by" logo for GForge.

## 2. Overview

2.1 GForge

**2.2 Trac**

2.3 Redmine

# 2.2 Overview trac Wiki

[Login](#) | [Settings](#) | [Help/Guide](#) | [About Trac](#)

	<b>Wiki</b>	Timeline	Roadmap	Browse Source	View Tickets	New Ticket	Search
--	-------------	----------	---------	---------------	--------------	------------	--------

[Start Page](#) | [Index by Title](#) | [Index by Date](#) | [Last Change](#)

## Welcome to the Subversion Repository Search Engine (SupoSE)

### Overview ¶

This is a Java based approach to do real searching within a complete Subversion repository. Based on performance issues and so on, I have decided not to do a real time scanning within the Repository. I have decided to do a scanning of the whole content of a Subversion repository. The result, called index can be used to do real searching. An other purpose of this approach is to be able to search through multiple repositories instead of one.

With the exception of binary files where no particular [document handler](#) exists, all files will be indexed.

This means we do not index only the trunk or the HEAD revision, we index all revisions on all paths within a whole Repository. Filename, path, log message etc. are made searchable ([see Fields for further details](#)).

[Have you ever put such questions to your repository?](#)

### Features

Planned features1:

- ~~Scan a whole repository~~

# 2.2 Overview trac Timeline



[Login](#) | [Settings](#) | [Help/Guide](#) | [About Trac](#)

	Wiki	<b>Timeline</b>	Roadmap	Browse Source	View Tickets	New Ticket	Search
--	------	-----------------	---------	---------------	--------------	------------	--------

## Timeline

05/23/08:

- 19:07 Changeset [\[118\]](#) by kama  
- Removed library dependencies - Only maven 2 - Fixed [JavaDoc?](#) ...

05/11/08:

- 16:19 Changeset [\[117\]](#) by kama  
- Added maven-license-plugin to check the Head of many files. ...

03/27/08:

- 20:20 Ticket [#65](#) (defect) created by manager  
Missing dependency for fontbox in pom

View changes from  and  days back.

- Milestones
- Ticket changes
- Repository checkins
- Wiki changes



# 2.2 Overview trac Roadmap

 Searchlogged in as manager | [Logout](#) | [Settings](#) | [Help/Guide](#) | [About Trac](#)[Wiki](#) | [Timeline](#) | **[Roadmap](#)** | [Browse Source](#) | [View Tickets](#) | [New Ticket](#) | [Search](#)

## Roadmap

### Milestone: 0.4.1 Mars

*No date set*

Test to integrate the [Apache Framework Tika](#) to see if we can use it.

 Show already completed milestones

### Milestone: 0.5.0 Ceres

*No date set*



Closed tickets: [1](#) Active tickets: [4](#)

### Milestone: Feature Enhancements

*No date set*



Closed tickets: [1](#) Active tickets: [3](#)

This is an aggregation Milestone to summarize all feature request which today are not scheduled for a particular milestone. And of course feature requests which had made by users via the web site.

# 2.2 Overview trac Roadmap



logged in as manager | [Logout](#) | [Settings](#) | [Help/Guide](#) | [About Trac](#)

	Wiki	Timeline	<b>Roadmap</b>	Browse Source	View Tickets	New Ticket	Search
--	------	----------	----------------	---------------	--------------	------------	--------

## Milestone 0.5.0 Ceres

*No date set*



Closed tickets: [1](#) Active tickets: [4](#)

Ticket status by

CLI	<input type="text" value="0/2"/>
Document Scanner	<input type="text" value="0/1"/>
Documentation	<input type="text" value="0/1"/>
Indexer	<input type="text" value="1/1"/>

Note: See [TracRoadmap](#) for help on using the roadmap.

# 2.2 Overview trac

## Edit Milestone

logged in as manager | [Logout](#) | [Settings](#) | [Help/Guide](#) | [About Trac](#)

	Wiki	Timeline	<b>Roadmap</b>	Browse Source	View Tickets	New Ticket	Search
--	------	----------	----------------	---------------	--------------	------------	--------

### Edit Milestone Milestone 0.1.0

Name of the milestone:

#### Schedule

Due:

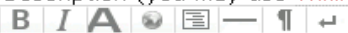
Format: MM/DD/YY

Completed:

Format: MM/DD/YY hh:mm:ss

Retarget associated open tickets to milestone

Description (you may use [WikiFormatting](#) here):



# 2.2 Overview trac Repository Browser

logged in as manager | [Logout](#) | [Settings](#) | [Help/Guide](#) | [About Trac](#)

[Wiki](#) | [Timeline](#) | [Roadmap](#) | **[Browse Source](#)** | [View Tickets](#) | [New Ticket](#) | [Search](#)

[Last Change](#) | [Revision Log](#)

root / **trunk**

View revision:

Name ▲	Size	Rev	Age	Last Change
../				
global		236	1 year	kama: - Fixed <a href="#">#127</a> - Update to JUnit 4 - Fixed configuration of the Eclipse ...
jagoisant		237	1 year	kama: - Fixed <a href="#">#124</a> - Fixed example file.
jagoiapi		236	1 year	kama: - Fixed <a href="#">#127</a> - Update to JUnit 4 - Fixed configuration of the Eclipse ...
jagoicli		236	1 year	kama: - Fixed <a href="#">#127</a> - Update to JUnit 4 - Fixed configuration of the Eclipse ...
jagoiclient		236	1 year	kama: - Fixed <a href="#">#127</a> - Update to JUnit 4 - Fixed configuration of the Eclipse ...
build.xml	1.5 kB	231	1 year	kama: - Fixed <a href="#">#110</a> - removed hard coded paths from Ant scripts. - Fixed <a href="#">#99</a> ...
changes.xml	0.8 kB	236	1 year	kama: - Fixed <a href="#">#127</a> - Update to JUnit 4 - Fixed configuration of the Eclipse ...
common.xml	4.6 kB	236	1 year	kama: - Fixed <a href="#">#127</a> - Update to JUnit 4 - Fixed configuration of the Eclipse ...
pom.xml	8.0 kB	230	1 year	kama: - JaGoSI CLI - Fixed <a href="#">ReadInformation?</a> - Limit implemented to reduce ...

Property **svn:ignore** set to

```
.mylar  
.metadata  
target  
dist
```

# 2.2 Overview trac

## View Tickets

[Login](#) | [Settings](#) | [Help/Guide](#) | [About Trac](#)

Wiki | Timeline | Roadmap | Browse Source | **View Tickets** | Search

[Available Reports](#) | [Custom Query](#)

### Custom Query (9 matches)

#### Filters

Status  new  assigned  reopened  closed

Milestone is

Add filter

Group results by   descending  Show full description under each result

Update

Ticket	Summary	Status	Owner	Type	Priority ▲	Component
104	Fixe Maven 2 Build package	assigned	manager	enhancement	blocker	Maven Build System
106	Get to run the auto generated Unit Tests of Axis	new	kama	task	critical	Maven Build System
16	Exception if not correctly authenticated via login()	new	kama	enhancement	major	Implementation
19	JaGoSI Error Handling	new	kama	task	major	Implementation
81	Class JaGoSIProjectTask	new	kama	enhancement	major	Implementation
83	Compiling with debug activated	new	kama	enhancement	major	Ant Build System
84	Configure the Upload limit for Files	new	kama	enhancement	minor	Configuration
85	Update or add the JavaDoc for Methods.	new	kama	defect	minor	Documentation
95	Change Return Type of createFRSFile	new	kama	defect	minor	GForge SOAP

Note: See [TracQuery](#) for help on using queries.

#### Download in other formats:

[RSS Feed](#) | [Comma-delimited Text](#) | [Tab-delimited Text](#)

# 2.2 Overview trac

## New Ticket

logged in as manager | [Logout](#) | [Preferences](#) | [Help/Guide](#) | [About Trac](#)








Wiki | Timeline | Roadmap | Browse Source | View Tickets | **New Ticket** | Search | Admin

### Create New Ticket

**Properties**

Summary:

Reporter:

Description: **B** **I** **A**       

Assign to:

Priority:

Component:

Keywords:

Type:

Milestone:

Version:

Cc:

I have files to attach to this ticket

Note: See [TracTickets](#) for help on using tickets.

## 2. Overview

2.1 GForge

2.2 Trac

**2.3 Redmine**

# 2.3 Overview Redmine Intro Page

[Home](#) [Projects](#) [Help](#)

[Sign in](#) [Register](#)

## Redmine

Search:

### Home

#### Latest news

[SupoSE: Release 1.0.0](#)

*This will become the Release 1.0.0*

Added by [manager](#) [manager](#) [about 6 hours ago](#)

[View all news](#)



#### Latest projects

- [JaGoSI](#) (10/01/2008 04:25 AM)  
Java GForge SOAP Interface
- [SupoSE](#) (09/29/2008 03:06 AM)  
test



# 2.3 Overview Redmine Administration

Home My page Projects Administration Help









Logged in as admin My account Sign out

## Redmine

Search:

---

### Administration

-  Projects | New
-  Users | New
-  Roles and permissions
-  Trackers | Issue statuses | Workflow
-  Custom fields
-  Enumerations
-  Settings
-  Information

# 2.3 Overview Redmine Projects

Home My page Projects Administration Help Logged in as admin My account Sign out

## Redmine

Search:

### Projects ➕ New project

Filters  
Status :

Project ▲	Description	Subprojects	Public	Created		
JaGoSI	Java GForge SOAP Interface	0	✓	10/01/2008	Archive	Delete
SOA - Component	This is main SOA Component	5	✓	10/05/2008	Archive	Delete
SOA - DAO	The DAO of the SOA Component. Data Access Object layer.	0	✓	10/06/2008	Archive	Delete
SOA - Integration Test	The Integration Test module for SOA connector	0	✓	10/06/2008	Archive	Delete
SOA - Tomcat	The SOA Tomcat package	0	✓	10/06/2008	Archive	Delete
SOA - Web-Service	This is the web-service of the SOA Component.	0	✓	10/06/2008	Archive	Delete
SOA - WSDL	The WSDL's for the Web-Service	0	✓	10/06/2008	Archive	Delete
SupoSE	The Subversion Repository Search Engine	0	✓	09/29/2008	Archive	Delete
Svnbook	The Subversion Book Translation	0		10/02/2008	Archive	Delete

(1-9/9) | Per page: 25, 50, 100

# 2.3 Overview Redmine Users

Home My page Projects Administration Help Logged in as admin My account Sign out

## Redmine

Search:

### Users New user

Filters  
Status : active

Login	Firstname	Lastname	Email	Administrator	Created	Last connection	
admin	Redmine	Admin	admin@somenet.foo	✓	10/01/2008 03:06 AM	10/05/2008 10:38 PM	Lock
anonymous	anonymous	-	anonymous@foo.bar		09/29/2008 01:48 AM		Lock
		-			10/01/2008 03:06 AM		Lock
		-			10/01/2008 03:06 AM		Lock
		-			10/02/2008 06:20 AM		Lock
		-			10/02/2008 06:20 AM		Lock
kama	Karl Heinz	Marbaise	redmine@soebes.de		10/01/2008 03:06 AM	10/03/2008 08:43 PM	Lock
kama@soebes.de	kama-soebes-de	-	kama@soebes.de		10/02/2008 06:20 AM		Lock
kamaa	kamaa	-	kamaa@foo.bar		10/01/2008 03:27 AM		Lock
manager	manager	manager	manager@foo.bar		10/01/2008 03:06 AM	10/03/2008 08:47 PM	Lock
		-			10/01/2008 03:06 AM		Lock
somebody	somebody	-	somebody@foo.bar		10/01/2008 03:27 AM		Lock

(1-12/12) | Per page: 25, 50, 100

# 2.3 Overview Redmine Roles

Home My page Projects Administration Help Logged in as admin My account Sign out

## Redmine

Search:

### Roles + New role

Role	Sort	
Manager	-	<input type="button" value="Delete"/>
Developer	-	<input type="button" value="Delete"/>
Reporter	-	<input type="button" value="Delete"/>
<i>Non member</i>		<input type="button" value="Delete"/>
<i>Anonymous</i>		<input type="button" value="Delete"/>

[Permissions report](#)

# 2.3 Overview Redmine Roles

## Role: Manager

Name \*

Issues can be assigned to this role

### Permissions

Project				
<input checked="" type="checkbox"/> Edit project	<input checked="" type="checkbox"/> Select project modules	<input checked="" type="checkbox"/> Manage members	<input checked="" type="checkbox"/> Manage versions	
Boards				
<input checked="" type="checkbox"/> Manage boards	<input checked="" type="checkbox"/> Add messages	<input checked="" type="checkbox"/> Edit messages	<input checked="" type="checkbox"/> Delete messages	
Documents				
<input checked="" type="checkbox"/> Manage documents	<input checked="" type="checkbox"/> View documents			
Files				
<input checked="" type="checkbox"/> Manage files	<input checked="" type="checkbox"/> View files			
Issue tracking				
<input checked="" type="checkbox"/> Manage categories	<input checked="" type="checkbox"/> Add issues	<input checked="" type="checkbox"/> Edit issues	<input checked="" type="checkbox"/> Manage issue relations	<input checked="" type="checkbox"/> Add issue notes
<input checked="" type="checkbox"/> Edit issue notes	<input checked="" type="checkbox"/> Edit own issue notes	<input checked="" type="checkbox"/> Move issues	<input checked="" type="checkbox"/> Delete issues	<input checked="" type="checkbox"/> Manage public queries
<input checked="" type="checkbox"/> Save queries	<input checked="" type="checkbox"/> View gantt	<input checked="" type="checkbox"/> View calendar		
News				
<input checked="" type="checkbox"/> Manage news	<input checked="" type="checkbox"/> Comment news			
Repository				
<input checked="" type="checkbox"/> Manage repository	<input checked="" type="checkbox"/> Browse repository	<input checked="" type="checkbox"/> View changesets		
Time tracking				
<input checked="" type="checkbox"/> Log time	<input checked="" type="checkbox"/> View time entries	<input checked="" type="checkbox"/> Edit time entries	<input checked="" type="checkbox"/> Edit own time entries	
Wiki				
<input checked="" type="checkbox"/> Manage wiki	<input checked="" type="checkbox"/> Rename wiki pages	<input checked="" type="checkbox"/> Delete wiki pages	<input checked="" type="checkbox"/> View wiki pages	<input checked="" type="checkbox"/> Edit wiki pages

[Check all](#) | [Uncheck all](#)

# 2.3 Overview Redmine Trackers

Home My page Projects Administration Help Logged in as admin My account Sign out

## Redmine

Search:

### Trackers + New tracker

Tracker	Sort	
Bug	-	<input type="button" value="Delete"/>
Feature	-	<input type="button" value="Delete"/>
Support	-	<input type="button" value="Delete"/>

# 2.3 Overview Redmine Trackers

Home My page Projects Administration Help Logged in as admin My account Sign out

---

**Redmine** Search:

---

## Tracker

Name \*

Issues displayed in changelog

Issues displayed in roadmap

# 2.3 Overview Redmine Project Settings

Home My page Projects Administration Help Logged in as admin My account Sign out

**JaGoSI** Search:





Overview Activity Roadmap Issues New issue News Documents Wiki Files Repository **Settings**

## Settings

Information Modules Members Versions Issue categories Wiki Repository Forums

Name \*   
30 characters maximum.

Subproject of

Description **B** **I** **U** **S** **C** **H1** **H2** **H3**   **pre**   Text formatting: [Help](#)

Java GForge SOAP Interface

Identifier \*

Homepage

Public

Trackers

Bug  Feature  Support

Custom fields

Resolution



# 2.3 Overview Redmine Project Overview

The screenshot shows the Redmine interface for a project named 'JaGoSI'. The top navigation bar includes 'Home', 'My page', 'Projects', and 'Help'. The user is logged in as 'kama' and can access 'My account' or 'Sign out'. A search bar and a 'Jump to a project...' dropdown are also present. The main navigation menu includes 'Overview', 'Activity', 'Roadmap', 'Issues', 'New issue', 'News', 'Documents', 'Wiki', 'Files', and 'Repository'. The 'Overview' page displays the project name 'Java GForge SOAP Interface' and a list of subprojects: 'GForge'. An 'Issue tracking' section shows 3 open bugs and 7 open features. A 'Members' section lists the reporter: 'kamaa -, manager -, somebody -, Karl Heinz Marbaise'. A right-hand sidebar contains 'Planning' (Calendar | Gantt) and 'Spent time' (2.00 hours, Details | Report).

Home My page Projects Help Logged in as kama My account Sign out

JaGoSI Search:  Jump to a project.. ▾

Overview Activity Roadmap Issues New issue News Documents Wiki Files Repository

## Overview

Java GForge SOAP Interface

- Subprojects: GForge

**Issue tracking**

- Bug: 3 open on 60
- Feature: 7 open on 84

[View all issues](#)

**Members**

Reporter: kamaa -, manager -, somebody -, Karl Heinz Marbaise

**Planning**

[Calendar](#) | [Gantt](#)

**Spent time**

2.00 hours

[Details](#) | [Report](#)

# 2.3 Overview Redmine Activity

Home My page Projects Help

Logged in as kama My account Sign out

## JaGoSI

Search:  Jump to a project...

Overview **Activity** Roadmap Issues New issue News Documents Wiki Files Repository

### Activity

From 10/14/2007 to 11/12/2007

#### 11/07/2007

- 06:21 PM Revision 248: - Removed unused packages in Test area.  
- *Removed unused packages in Test area.*  
kama
- 06:16 PM Revision 247: - Fixed #133 - Change to TestNG - Added TestGroup file to the Global project  
- *Fixed #133 - Change to TestNG - Added TestGroup file to the Global project*  
kama
- 06:10 PM Bug #130 (Closed): Add Unit Test Artifact/Groups manager -
- 06:09 PM Feature #133 (Closed): Introduce TestNG instead of JUnit 4 manager -
- 06:09 PM Revision 246: - Fixed #133 - Changed to TestNG instead of JUnit 4 - Removed the GForgeAPITest...  
- *Fixed #133 - Changed to TestNG instead of JUnit 4 - Removed the GForgeAPITestCase.java, cause it currently does not work.*  
kama

#### 11/06/2007

- 07:16 PM Feature #133: Introduce TestNG instead of JUnit 4  
*Use `[[TestNG]]` instead of JUnit 4, cause we can use the grouping options.*  
manager -

#### 11/05/2007

- 09:02 AM Revision 245: - Added Test for getArtifactFiles() - Changed ReleasePropertiesTest from JUnit 3.X ...  
- *Added Test for getArtifactFiles() - Changed ReleasePropertiesTest from JUnit 3.X to JUnit 4.X - Updated dependency for POM from 0.0.10 to 0.0.11*  
kama

#### 10/30/2007

- 06:46 PM Revision 244: - Fixed changes.xml  
- *Fixed changes.xml*  
kama

#### Activity

- Issues
- News
- Files
- Documents
- Changesets
- Wiki pages
- Subprojects

# 2.3 Overview Redmine Roadmap

The screenshot shows the Redmine interface for the JaGoSI project. The top navigation bar includes links for Home, My page, Projects, and Help. The user is logged in as 'kama' and can access My account or Sign out. The main navigation menu includes Overview, Activity, Roadmap (selected), Issues, New issue, News, Documents, Wiki, Files, and Repository. The Roadmap section displays the current Milestone 0.0.11, which is due in 9 days (10/17/2008). A progress bar indicates that 38% of the work is completed. Below the progress bar, it shows 5 closed issues (36%) and 9 open issues (64%). A list of related issues is provided, including Feature #16, #19, #81, #83, #84, #104, #106, #133, and #134. On the right side, there is a sidebar with a Roadmap section containing a 'Feature' checkbox (checked), a 'Show completed versions' checkbox (unchecked), and an 'Apply' button. Below the sidebar, the current Milestone 0.0.11 is listed.

Home My page Projects Help

Logged in as kama My account Sign out

## JaGoSI

Search:  Jump to a project.. ▾

Overview Activity **Roadmap** Issues New issue News Documents Wiki Files Repository

### Roadmap

Milestone 0.0.11

Due in 9 days (10/17/2008)

38%

5 closed (36%) 9 open (64%)

Related issues

- Feature #16: Exception if not correctly authenticated via login()
- Feature #19: JaGoSI Error Handling
- Feature #81: Class JaGoSIProjectTask
- Feature #83: Compiling with debug activated
- Feature #84: Configure the Upload limit for Files
- Feature #104: Fixe Maven 2 Build package
- Feature #106: Get to run the auto generated Unit Tests of Axis
- Feature #133: Introduce TestNG instead of JUnit 4
- Feature #134: Update Copyright Year

Roadmap

Feature

Show completed versions

Apply

Versions

Milestone 0.0.11

# 2.3 Overview Redmine Issues

Home My page Projects Help Logged in as kama My account Sign out

## JaGoSI

Search:  Jump to a project.. ▼

Overview Activity Roadmap **Issues** New issue News Documents Wiki Files Repository

### Issues

Filters

Status  Add filter:  ▼

Apply

<input checked="" type="checkbox"/>	#	Tracker	Status	Priority	Subject	Assigned to	Updated
<input type="checkbox"/>	131	Bug	New	High	com.soebes.jagosi.api.util.ReleasePropertiesTest do not work under Maven run	Karl Heinz Marbaise	10/28/2007 03:01 PM
<input type="checkbox"/>	106	Feature	New	Urgent	Get to run the auto generated Unit Tests of Axis	Karl Heinz Marbaise	10/07/2008 10:20 AM
<input type="checkbox"/>	104	Feature	Assigned	Immediate	Fixe Maven 2 Build package	manager -	10/06/2008 04:59 AM
<input type="checkbox"/>	95	Bug	New	Normal	Change Return Type of createFRSFile	Karl Heinz Marbaise	07/21/2007 09:18 PM
<input type="checkbox"/>	85	Bug	New	Normal	Update or add the JavaDoc for Methods.	Karl Heinz Marbaise	07/13/2007 12:43 AM
<input type="checkbox"/>	84	Feature	New	Normal	Configure the Upload limit for Files	Karl Heinz Marbaise	10/06/2008 05:00 AM
<input type="checkbox"/>	83	Feature	New	High	Compiling with debug activated	Karl Heinz Marbaise	10/06/2008 05:00 AM
<input type="checkbox"/>	81	Feature	New	High	Class JaGoSIProjectTask	Karl Heinz Marbaise	10/06/2008 05:01 AM
<input type="checkbox"/>	19	Feature	New	High	JaGoSI Error Handling	Karl Heinz Marbaise	06/17/2007 09:28 PM
<input type="checkbox"/>	16	Feature	New	High	Exception if not correctly authenticated via login()	Karl Heinz Marbaise	06/17/2007 12:42 AM

(1-10/10) | Per page: 25, 50, 100

Also available in: [Atom](#) | [CSV](#) | [PDF](#)

#### Issues

- [View all issues](#)
- [Summary](#)
- [Change log](#)

# 2.3 Overview Redmine Issue Context

Home My page Projects Administration Help

## SupoSE

Overview Activity Roadmap **Issues** New issue News Documents Wiki Files Repository Settings

### Issues

Filters

Status  Add filter:

Apply

#	Tracker	Status	Priority	Subject	Assigned to	Updated
<input checked="" type="checkbox"/> 201	Edit		Normal	Change logging configuration	Karl Heinz Marbaise	09/20/2008 08:36 PM
<input type="checkbox"/> 200	Status		Urgent	Remove system-scoped dependencies.	Karl Heinz Marbaise	09/20/2008 08:36 PM
<input type="checkbox"/> 199	Priority		High	Missing dependency for fontbox in pom	Karl Heinz Marbaise	03/27/2008 08:21 PM
<input type="checkbox"/> 181	Target version		Normal	Missing GNU File	Karl Heinz Marbaise	01/04/2008 01:48 PM
<input type="checkbox"/> 180			0.1.0 Mercury	or Trac to search in the created index via trac.	Karl Heinz Marbaise	12/31/2007 01:19 PM
<input type="checkbox"/> 173	Assigned to		0.2.0 Venus	Basic Web application for searching	Karl Heinz Marbaise	03/17/2008 01:20 AM
<input type="checkbox"/> 170	Category		0.2.0.1 Venus (Bugfix)	Content of the --help output should be changed	Karl Heinz Marbaise	12/19/2007 10:00 AM
<input type="checkbox"/> 168	% Done		0.3.0 Earth	command stat	manager -	03/26/2008 03:53 PM
<input type="checkbox"/> 167	Copy		0.4.0 Mars	index handling during scheduled running	Karl Heinz Marbaise	01/10/2008 08:59 PM
<input type="checkbox"/> 155	Log time		0.4.0 Mars	Office Files.	Karl Heinz Marbaise	12/17/2007 11:00 PM
	Move		<input checked="" type="checkbox"/> 0.4.0.1 Mars BugFix			
	Delete		0.4.1 Mars			
			0.5.0 Ceres			
			Feature Enhancements			
			SupoSEWeFE 0.1.0			
			none			

(1-10/10) | [Atom](#) | [CSV](#) | [PDF](#)

# 2.3 Overview Redmine Ticket

Home My page Projects Administration Help Logged in as admin My account Sign out

## JaGoSI

Search:

Overview Activity Roadmap **Issues** New issue News Documents Wiki Files Repository Settings

### Feature #106 Update Log time Watch Copy Move Delete

---

**Get to run the auto generated Unit Tests of Axis**

Added by manager - [439 days](#) ago. Updated 1 day ago.

<b>Status :</b>	New	<b>Start :</b>	10/06/2008
<b>Priority :</b>	Urgent	<b>Due date :</b>	10/06/2008
<b>Assigned to :</b>	Karl Heinz Marbaise	<b>% Done :</b>	<input type="text" value="0"/> 0%
<b>Category :</b>	Maven Build System	<b>Spent time :</b>	-
<b>Target version :</b>	Milestone 0.0.11	<b>Estimated time :</b>	8.00 hours
<b>Resolution :</b>			

---

**Description**

Get to run the auto generated Unit Tests of Axis, cause currently the majority will fail.

---

**Related issues** Add

---

**History**

---

10/06/2008 04:58 AM - Redmine Admin #1

- **Due date** set to *10/06/2008*
- **Start** set to *10/06/2008*
- **Estimated time** set to *8.0*

Also available in: [Atom](#) | [PDF](#)

# 2.3 Overview Redmine Gantt Chart

JaGoSI Search:  Jump to a project...

Overview Activity Roadmap Issues New issue News Documents Wiki Files Repository

## Gantt

6 months from  2008

Milestone 0.0.8

- Feature #104: Fixe Maven 2 Build package
- Feature #106: Get to run the auto generated Unit Tests of
- Feature #84: Configure the Upload limit for Files
- Feature #83: Compiling with debug activated
- Feature #81: Class JaGoSIProjectTask

Milestone 0.0.11

2008-10

41							42							43							44						
W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F				
Milestone 0.0.8																											
Assigned 0%																											
New 30%																											
New 0%																											
New 0%																											
<div style="border: 1px solid black; padding: 5px; width: fit-content;">Feature #83: Compiling with debug activated Start: 10/10/2008 Due date: 10/10/2008 Assigned to: Karl Heinz Marbaise Priority: High</div>																											

« Previous Next »

Also available in: PDF | PNG

### Gantt

- Bug
- Feature
- Subprojects

# 2.3 Overview Redmine Calendar

Home My page Projects Help Logged in as kama My account Sign out

**JaGoSI** Search:  Jump to a project...

Overview Activity Roadmap Issues New issue News Documents Wiki Files Repository

## October 2008

« September November »

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
39	28	29	30	1 Milestone 0.0.8	2	3	4
40	5 ♦ Feature #106: Get to run the auto generat... ♦ Feature #104: Fixe Maven 2 Build package	6 ♦ Feature #104: Fixe Maven 2 Build package	7 ♦ Feature #84: Con Upd Feature #84: Configure the Upload limit for Files Start: 10/08/2008 Due date: 10/08/2008 Assigned to: Karl Heinz Marbaise Priority: Normal	8	9	10 ♦ Feature #83: ing with activated	11
41	12 ♦ Feature #81: Class JaGoSIProjectTask	13	14 ♦ Feature #81: Class JaGoSIProjectTask	15	16	17 Milestone 0.0.11	18
42	19	20	21	22	23	24	25
43	26	27	28	29	30	31	1

task beginning this day  
 task ending this day  
 task beginning and ending this day

Calendar

October  2008

Bug  
 Feature  
 Subprojects



# 2.3 Overview Redmine Log - Time


Home My page Projects Help Logged in as kama My account Sign out

**JaGoSI** Search:  Jump to a project... ▾

Overview Activity Roadmap **Issues** New issue News Documents Wiki Files Repository

## Spent time

Issue  *Feature #106: Get to run the auto generated Unit Tests of Axis*

Date \*  

Hours \*

Comment

Activity \*

? **October, 2008** x

<< < Today > >>

wk	Sun	Mon	Tue	Wed	Thu	Fri	Sat
39				1	2	3	4
40	5	6	7	8	9	10	11
41	12	13	14	15	16	17	18
42	19	20	21	22	23	24	25
43	26	27	28	29	30	31	

Select date

# 2.3 Overview Redmine Settings

Redmine

Search:

## Settings

General Authentication Issue tracking Email notifications **Repositories**

Autofetch commits

Enable WS for repository management

Repositories encodings

*Multiple values allowed (comma separated).*

Referencing and fixing issues in commit messages

Referencing keywords

*Multiple values allowed (comma separated).*

Fixing keywords

Applied status:

% Done:

*Multiple values allowed (comma separated).*

Save

## 3. Detailed Features

# 3. Detailed Features Comparison

- User Features
  - Wiki
    - GForge PlugIn; New release MediaWiki, but has to be configured separately.
  - Ticket System

# 3. Detailed Features Comparison

- User Features
  - Time Tracking
    - Trac via PlugIn
    - Supplemental Timesheet / Budget PlugIn's in Redmine
  - Task Manager
    - Only in Gforge
    - Next Release of Redmine

# 3. Detailed Features Comparison

- User Features
  - File Area
    - Not in Trac
  - Document „Management“ System
    - Not in Trac

# 3. Detailed Features Comparison

- User Features
  - Forums
    - Trac PlugIn
  - Repository Browser
    - GForge ViewVC
  - Mailing Lists
    - GForge Mailman; GForge only

# 3. Detailed Features Comparison

- User Features
  - Multi project support
    - Not in Trac
  - Sub Projects
    - Only in Redmine
  - Custom fields for Tracker (Bugs, Support, Patch, Feature Request)
    - Redmine site wide



# 3. Detailed Features Comparison

- User Features
  - Project creation
    - Trac only command line based
  - GForge and Redmine
    - Via UI

# 3. Detailed Features Comparison

- User Features
  - Supported Version Control Tools:
    - CVS
      - Not supported by Trac
      - Redmine using CLI
    - Subversion
      - Trac out of the box (Python bindings)
      - Redmine using CLI

# 3. Detailed Features Comparison

- User Features
  - Supported Version Control Tools:
    - ClearCase (PlugIn)
      - GForge Only
    - Perforce, Mercurial, Monotone, Git, Bazaar, Darcs
      - Trac by PlugIns
    - Mercurial, Git, Bazaar, Darcs
      - Redmine support via CLI

# 3. Detailed Features Comparison

- User Features
  - Remote Repository Support:
    - GForge
      - No
    - Trac
      - No
    - Redmine
      - Yes

# 3. Detailed Features Comparison

- Technical Features
  - Supported OS's
    - GForge Linux Only!
    - Trac and Redmine support Linux, Windows and Mac OS
  - User self-registration support
    - Can be turned of in Redmine

# 3. Detailed Features Comparison

- Technical Features
  - LDAP authentication support
    - Trac via Apache
    - Redmine/GForge more or less fully integrated.

# 3. Detailed Features Comparison

- Technical Features
  - Supported Database Management Systems (DBMS):
    - Redmine
      - MySQL, PostgreSQL, SQLite, Oracle, DB2, SQLServer (Ruby On Rails)

# 3. Detailed Features Comparison

- Technical Features
  - Supported Database Management Systems (DBMS):
    - GForge
      - PostgreSQL only
    - Trac
      - SQLite3 (default), PostgreSQL, MySQL



# 3. Detailed Features Comparison

- Technical Features
  - GForge
    - More or less full SOAP Interface which can be accessed by different Languages (PHP, Python, Java).
      - Example in Java  
<http://jagosi.soebes.de>
      - Some bugs in there ;-)

# 3. Detailed Features Comparison

- Technical Features
  - Trac
    - SOAP/RPC PlugIn exists
  - Redmine
    - Currently no SOAP/RPC support but in the issue list.

# 3. Detailed Features Comparison

- Technical Features
  - Trac
    - Migration support from Bugzilla, Mantis and via CSV list.
  - Redmine
    - Migration from Trac, Bugzilla and Mantis.

# 4. Installation

# 4.1 Installation

## GForge

- Installation of GForge  
(min. 1 Day; usually more...)

### The first lines of the INSTALL Text:

Installation of GForge is a non-trivial undertaking, since it integrates with so many different components across your system. A skilled sysadmin is required to pull it off, or at the least a great deal of patience.

# 4.2 Installation

## Trac

- Implemented in Python
- Installation can be done in about 15-30 Minutes
  - If you familiar with Python less than 15 Minutes

# 4.2 Installation

## Redmine

- Implemented in Ruby with Ruby on Rails
- Installation can be done in about 15-30 Minutes
  - If you familiar with Ruby less than 15 Minutes

# Summarization

- Make your decision on which collaboration software you will use in the futuer.



# On-line Sources I

- [1] Homepage trac
  - <http://trac.edgewall.com>
- [2] Homepage Redmine
  - <http://www.redmine.org>
- [3] Homepage GForge
  - <http://www.gforge.org>

# On-line Sources II

- [4] Test Installation (Commercial)
  - <http://www.jumpbox.com/app/redmine>
- [5] Stack to Test Installation
  - <http://bitnami.org/stack/redmine>
- [6] Lecture about Redmine (frensh)
  - <http://www.slideshare.net/elefevre/cours-du-soin>

# Questions?

subconf2008@soebes.com

- Thank you for your attention.