

#### Redmine

Project Management Software

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www.soebes.com

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blog.soebes.com

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### Agenda

- 1. What we are talking about?
- 2. Redmine Installation
- 3. Redmine Overview
- 4. Detailed feature list
- 5. Demo

# 1 What we are talking about?

- Redmine is project management software
- Redmine is implemented in Ruby using the Ruby on Rails Framework
- Redmine is licensed under GNU General Public License

# 1 What we are talking about?

- We are talking in particular about Redmine, but their existings other Collaboration tools for Software Development and project management.
  - Fusionforge (former GForge)
  - trac

# 1 What we are talking about?

#### • 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.

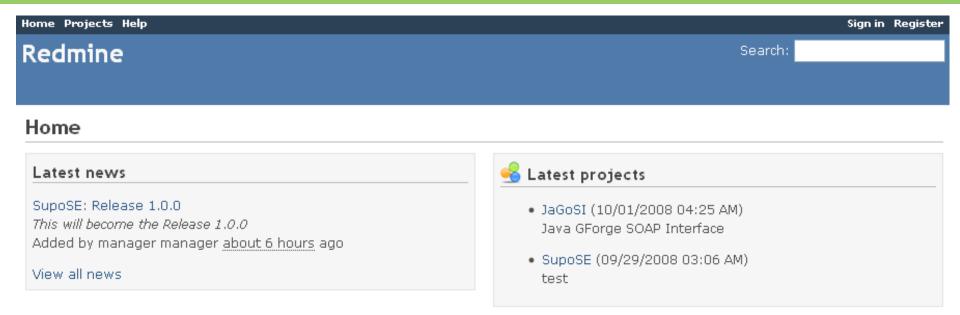
- Implemented in Ruby with Ruby on Rails
- Installation can be done in about 15-30 Minutes
  - If you familiar with Ruby less than
     15 Minutes

- Download the archive from Redmine site (Rubyforge).
- Configure Database access (username, password, database name) put these information into database.yml
- Create Database rake db:migrate RAILS ENV="production"

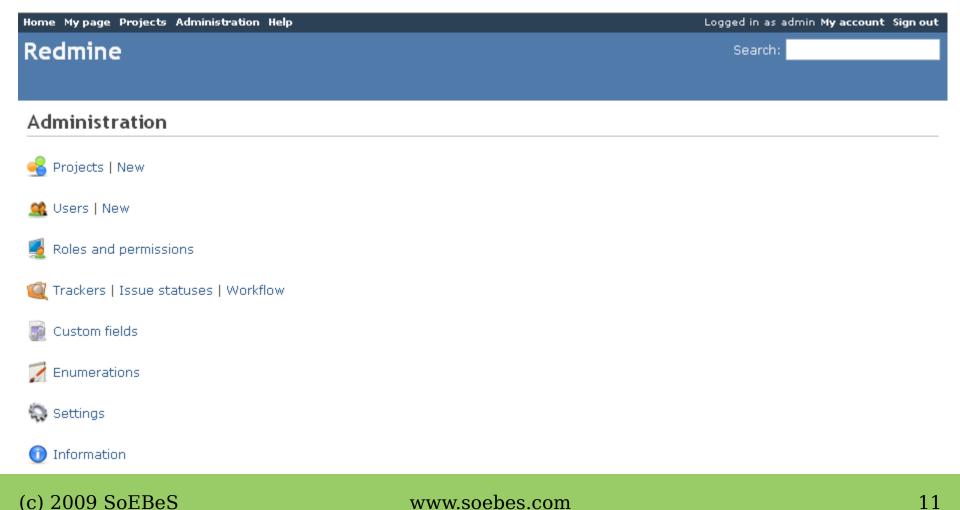
- Load default configuration into database rake redmine:load\_default\_data RAILS\_ENV="production"
- Permissions and may be session secret generation
- Test Installation via ruby script/server webrick -e production

- Point your browser to http://localhost:3000
- Login with user: admin and passwort:admin
- Enjoy working with Redmine

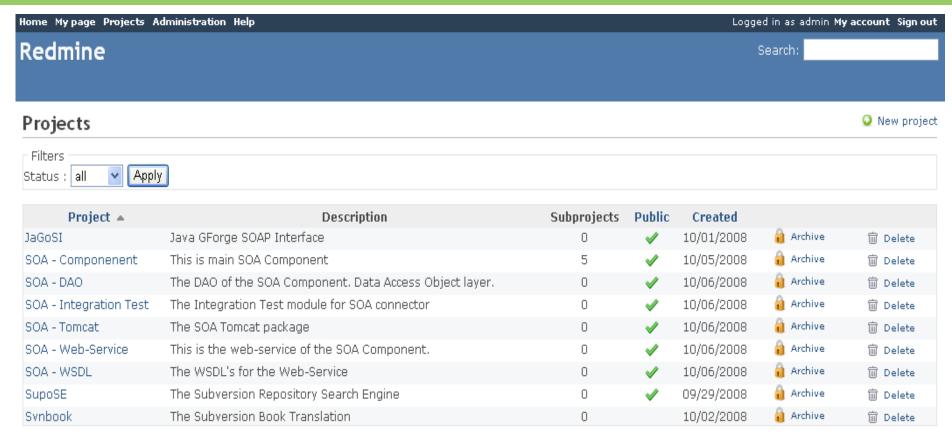
# 3 Overview Redmine Intro Page



# 3 Overview Redmine Administration

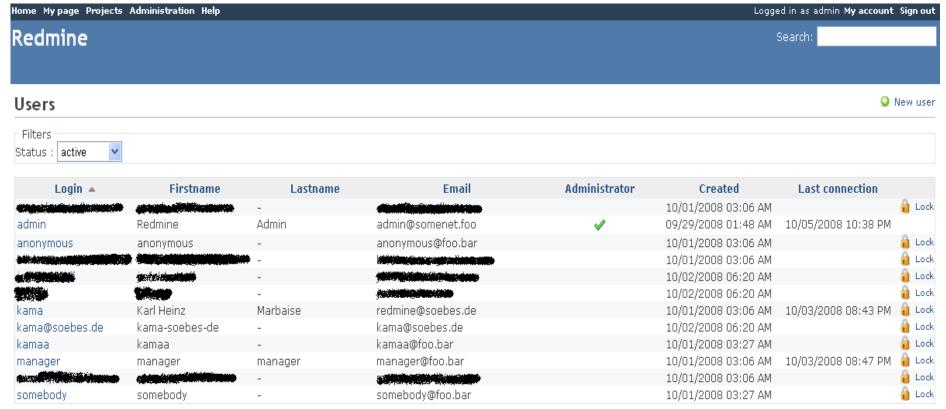


# 3 Overview Redmine Projects



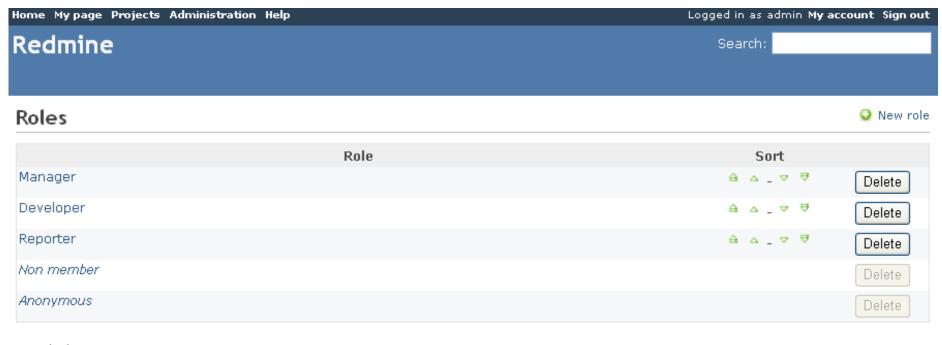
(1-9/9) | Per page: 25, 50, 100

# 3 Overview Redmine Users



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

## 3 Overview Redmine Roles



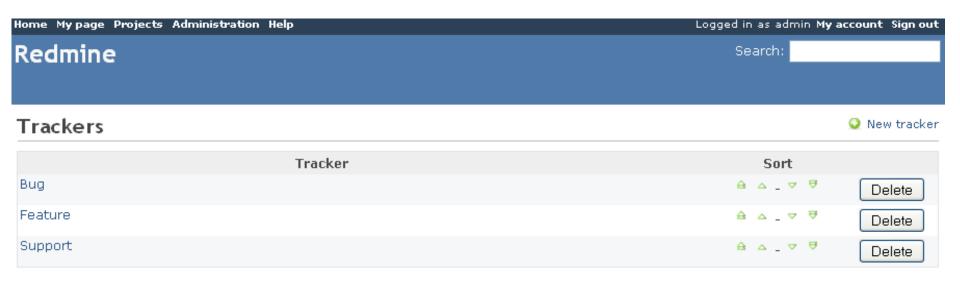
Permissions report

## 3 Overview Redmine Roles

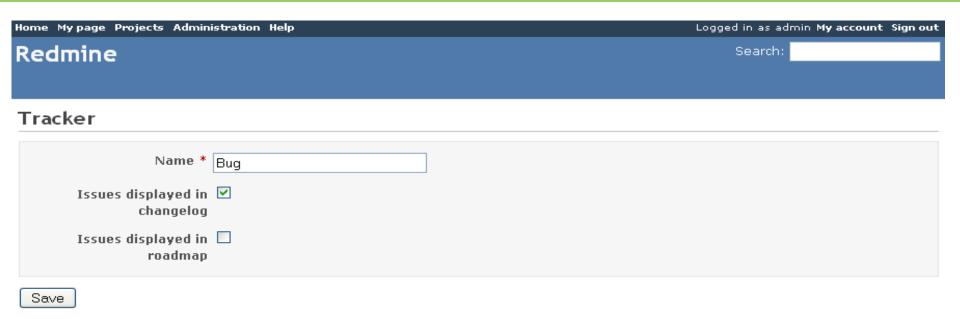
Role: Manager					
Nama *					
Name	Manager				
Issues can be assigned to this role					
Permissions					
Project					
☑ Edit project	Select project modules	✓ Manage members	✓ Manage versions		
Boards					
✓ Manage boards	Add messages	Edit messages	Delete messages		
Documents					
✓ Manage documents	View documents				
Files					
✓ Manage files	✓ View files				
Issue tracking					
✓ Manage categories	Add issues	Edit issues	Manage issue relations	Add issue notes	
✓ Edit issue notes	Edit own issue notes	Move issues	Delete issues	Manage public queries	
✓ Save queries	✓ View gantt	✓ View calendar			
News					
✓ Manage news	Comment news				
Repository					
✓ Manage repository	Browse repository	View changesets			
Time tracking					
✓ Log time	✓ View time entries	Edit time entries	Edit own time entries		
Wiki					
✓ Manage wiki	Rename wiki pages	Delete wiki pages	✓ View wiki pages	✓ Edit wiki pages	
Chack all Linchack all					

Save

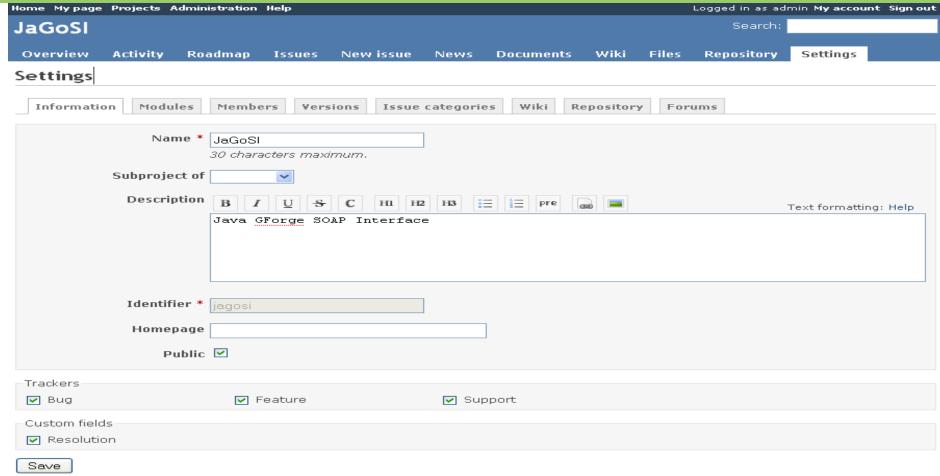
## 3 Overview Redmine Trackers



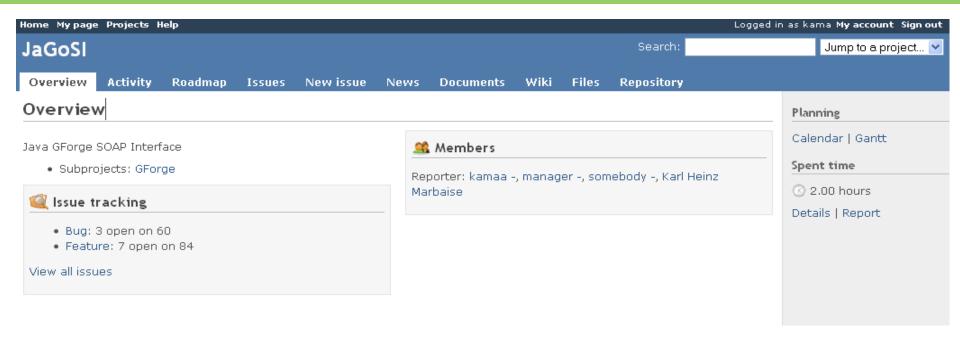
## 3 Overview Redmine Trackers



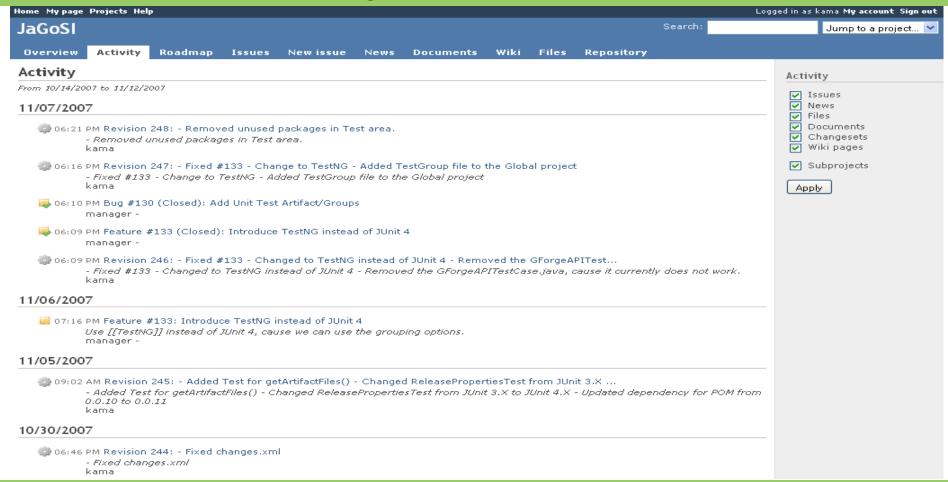
# 3 Overview Redmine Project Settings



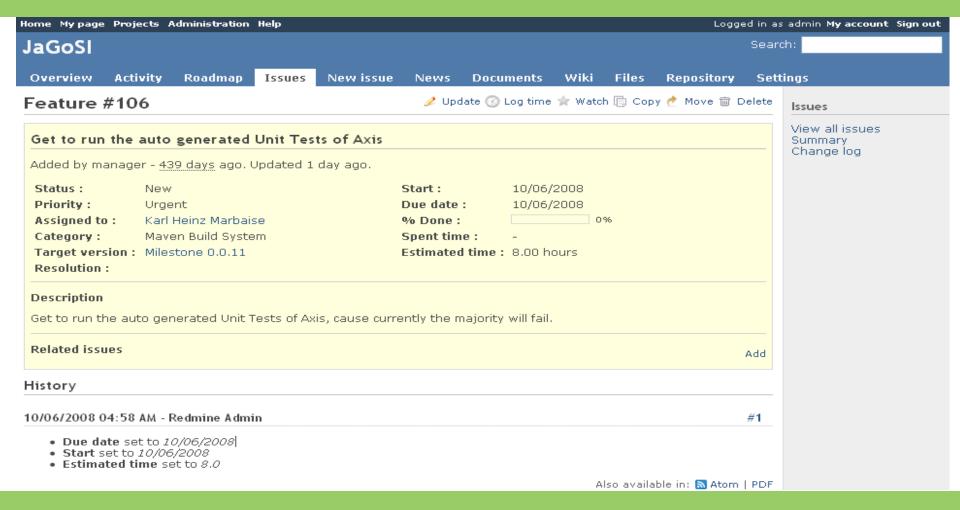
# 3 Overview Redmine Project Overview



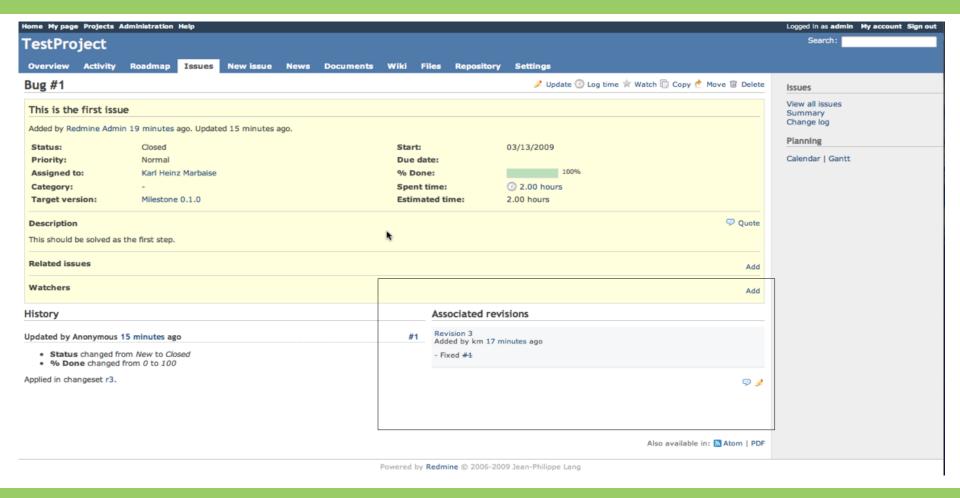
# 3 Overview Redmine Activity



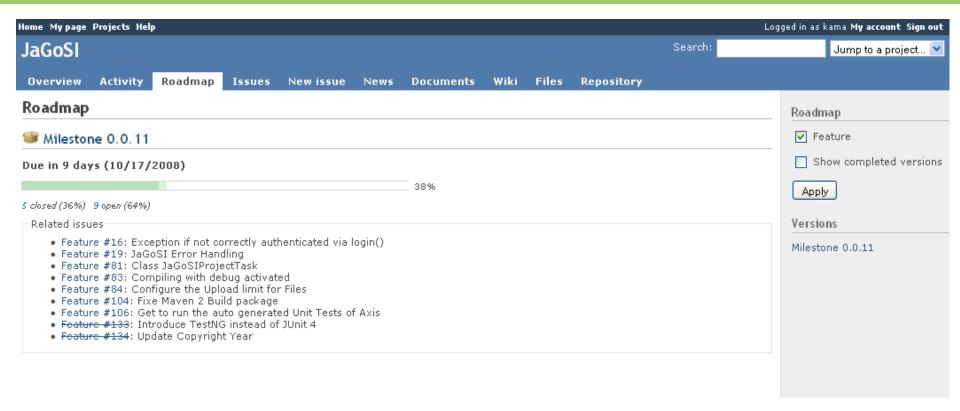
## 3 Overview Redmine Ticket



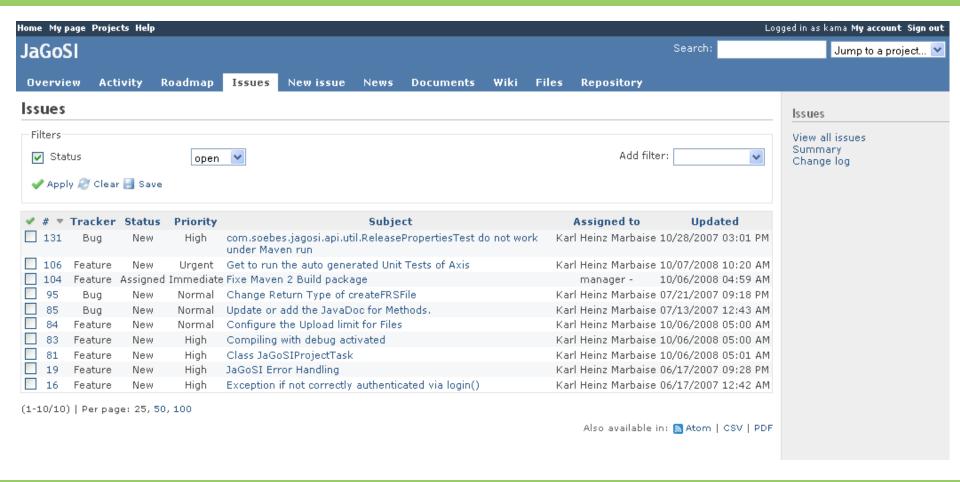
# 3 Overview Redmine Ticket



# 3 Overview Redmine Roadmap



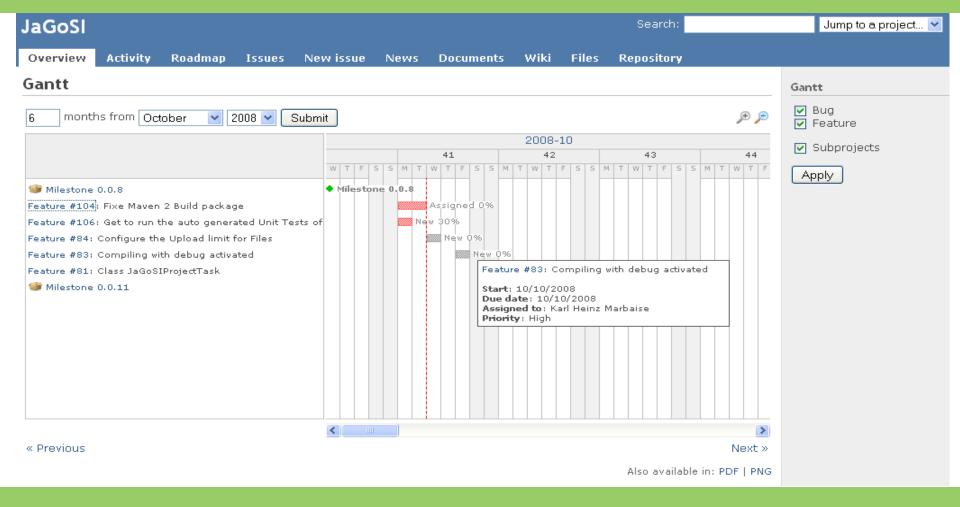
# 3 Overview Redmine Issues



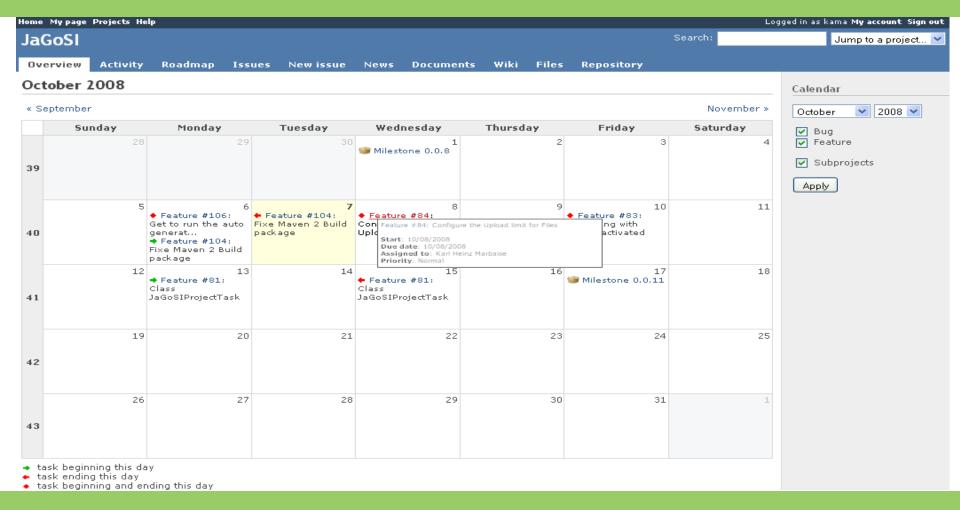
# 3 Overview Redmine Issue Context



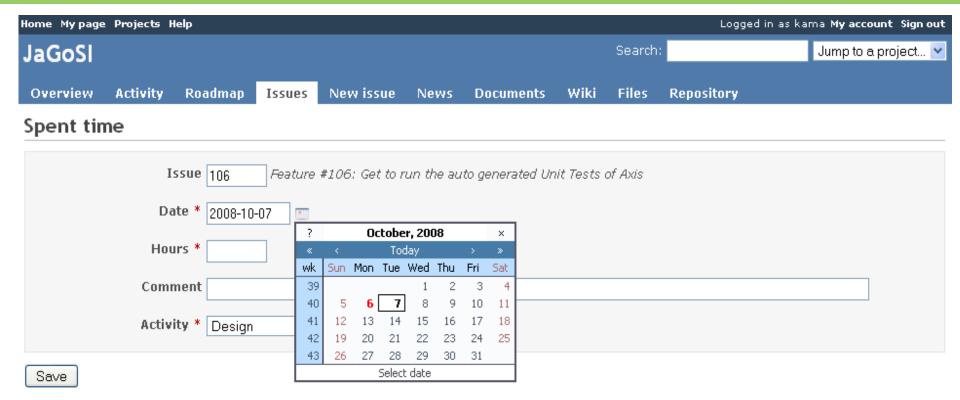
## 3 Overview Redmine Gantt Chart



# 3 Overview Redmine Calendar



# 3 Overview Redmine Log - Time



# 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 refs,references,IssuelD	
Multiple values allowed (comma separated).	
Fixing keywords fixes,closes Applied status:   Mone: 100	% 🔻
Multiple values allowed (comma separated).	
Save	

- Wiki
- Ticket System
- Forums
- Repository Browser
- Supported Version Control Tools:
  - CVS, Subversion, Git, Mercurial, Bazaar
- Remote repository support

- Time Tracking
  - Integrated
  - Supplemental Timesheet / Bugdet PlugIn's available
- File Area
- Document "Management" System

- Multi project support
  - Creation of new projects via UI
- Sub Projects
  - Currently limited to single level (Will be changed in 0.9)
- Custom fields for Tracker (Bugs, Support, Patch, Feature Request)
  - Redmine site wide

- Technical Features
  - Supported OS's
    - Linux, Windows and Mac OS
  - User self-registration support
    - Can be turned off
  - LDAP authentication support

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

- Technical Features
  - RESTlest interface
  - SOAP/RPC is not supported anymore.

- Technical Features
  - Migrations from other tools:
    - Trac
      - -Currently there are some bugs in (links to images etc.)
    - Bugzilla, Mantis (Not tested)

## Questions?

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Thank you for your attention.

### On-line Sources I

- [1] Homepage Redmine
  - http://www.redmine.org
- [2] Homepage Fusionforge (former GForge)
  - http://www.fusionforge.org
- [3] Homepage trac
  - http://trac.edgewall.com

### 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] Subversion Conference 2008
  - Lecture about Software Collaboration Tools
- [7] Lecture about Redmine (frensh)
  - http://www.slideshare.net/elefevre/cours-du-soil

#### On-line Sources III

- [8] Apache / Mongrels Cluster Configuration
- [9] Problems with Mongrels Cluster
- [10] Mod Rails
- [11] Screencasts about installation of Redmine