

Redmine

Project Management Software

Web Site:

www.soebes.com

Blog:

blog.soebes.com

Email:

info@soebes.com

Dipl.Ing.(FH) Karl Heinz Marbaise

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 there 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.

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

2 Installation

Redmine

- 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"
```

2 Installation Redmine

- 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
```


2 Installation Redmine

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

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

3 Overview Redmine Administration

[Home](#) [My page](#) [Projects](#) [Administration](#) [Help](#)

Logged in as admin [My account](#) [Sign out](#)

Redmine

Search:

Administration

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 [Users](#) | [New](#)

 [Roles and permissions](#)

 [Trackers](#) | [Issue statuses](#) | [Workflow](#)

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 [Settings](#)

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3 Overview Redmine Projects

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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

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3 Overview Redmine Users

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Redmine

Search:

Users

[New user](#)

Filters
Status :

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

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3 Overview Redmine Roles

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Redmine

Search:

Roles + New role

Role	Sort	
Manager	-	Delete
Developer	-	Delete
Reporter	-	Delete
<i>Non member</i>		Delete
<i>Anonymous</i>		Delete

[Permissions report](#)

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](#)













3 Overview Redmine Trackers

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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"/>

3 Overview Redmine Trackers

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Redmine

Search:

Tracker

Name *

Issues displayed in changelog

Issues displayed in roadmap

3 Overview Redmine Project Settings

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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

3 Overview Redmine Project Overview

The screenshot shows the Redmine interface for the JaGoSI project. At the top, there is a navigation bar with links for Home, My page, Projects, and Help. The user is logged in as 'kama' and can access their account or sign out. A search bar and a 'Jump to a project...' dropdown are also present. Below the navigation bar, the 'Overview' tab is selected, showing a summary of the project: 'Java GForge SOAP Interface' with subprojects including 'GForge'. An 'Issue tracking' section lists 3 open bugs and 7 open features. A 'Members' section lists the reporter: kama, manager, somebody, Karl Heinz Marbaise. On the right, a 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: kama -, manager -, somebody -, Karl Heinz Marbaise

Planning

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

Spent time

2.00 hours

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

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

3 Overview Redmine Ticket

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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.

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

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](#)

3 Overview Redmine Ticket

The screenshot shows a Redmine interface for a project named 'TestProject'. The user is logged in as 'admin'. The main content area displays details for 'Bug #1', which is in a 'Closed' status. The issue was added by 'Redmine Admin' and updated 15 minutes ago. It has a 'Normal' priority, assigned to 'Karl Heinz Marbaise', and is targeted for 'Milestone 0.1.0'. The start date is '03/13/2009', and the estimated time is '2.00 hours'. The description states 'This should be solved as the first step.' The 'Associated revisions' section shows 'Revision 3' added by 'km' 17 minutes ago, with the note '- Fixed #1'. The interface includes navigation tabs for Overview, Activity, Roadmap, Issues, New Issue, News, Documents, Wiki, Files, Repository, and Settings. A sidebar on the right offers options for 'Issues' (View all issues, Summary, Change log) and 'Planning' (Calendar, Gantt). The footer indicates the page is powered by Redmine and is also available in Atom and PDF formats.

Home My page Projects Administration Help

TestProject

Logged In as admin My account Sign out

Search:

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

Bug #1 [Update](#) [Log time](#) [Watch](#) [Copy](#) [Move](#) [Delete](#)

This is the first issue

Added by Redmine Admin 19 minutes ago. Updated 15 minutes ago.

Status:	Closed	Start:	03/13/2009
Priority:	Normal	Due date:	
Assigned to:	Karl Heinz Marbaise	% Done:	<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%
Category:	-	Spent time:	2.00 hours
Target version:	Milestone 0.1.0	Estimated time:	2.00 hours

Description [Quote](#)

This should be solved as the first step.

Related issues [Add](#)

Watchers [Add](#)

History

Updated by Anonymous 15 minutes ago

- **Status** changed from *New* to *Closed*
- **% Done** changed from 0 to 100

Applied in changeset r3.

Associated revisions

#1 **Revision 3**
Added by km 17 minutes ago
- Fixed #1

[Quote](#) [Edit](#)

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

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3 Overview Redmine Roadmap


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

Versions

[Milestone 0.0.11](#)

3 Overview Redmine Issues

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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

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

Issues

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

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	Open	Normal	Change logging configuration	Karl Heinz Marbaise	09/20/2008 08:36 PM
<input type="checkbox"/> 200	Status	Open	Urgent	Remove system-scoped dependencies.	Karl Heinz Marbaise	09/20/2008 08:36 PM
<input type="checkbox"/> 199	Priority	Open	High	Missing dependency for fontbox in pom	Karl Heinz Marbaise	03/27/2008 08:21 PM
<input type="checkbox"/> 181	Target version	Open	Normal	Missing GNU File	Karl Heinz Marbaise	01/04/2008 01:48 PM
<input type="checkbox"/> 180	Assigned to	Open	Normal	or Trac to search in the created index via trac.	Karl Heinz Marbaise	12/31/2007 01:19 PM
<input type="checkbox"/> 173	Category	Open	Normal	Basic Web application for searching	Karl Heinz Marbaise	03/17/2008 01:20 AM
<input type="checkbox"/> 170	% Done	Open	Normal	Content of the --help output should be changed	Karl Heinz Marbaise	12/19/2007 10:00 AM
<input type="checkbox"/> 168	Copy	Open	Normal	command stat	manager -	03/26/2008 03:53 PM
<input type="checkbox"/> 167	Log time	Open	Normal	Index handling during scheduled running	Karl Heinz Marbaise	01/10/2008 08:59 PM
<input type="checkbox"/> 155	Move	Open	Normal	Office Files.	Karl Heinz Marbaise	12/17/2007 11:00 PM
<input type="checkbox"/> 155	Delete	Open	Normal			

(1-10/10) |

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

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
	28	29	30	1	2	3	4
39				Milestone 0.0.8			
40	5	6	7	8	9	10	11
	<ul style="list-style-type: none"> ◆ Feature #106: Get to run the auto generat... ◆ Feature #104: Fixe Maven 2 Build package 	<ul style="list-style-type: none"> ◆ Feature #104: Fixe Maven 2 Build package 	<ul style="list-style-type: none"> ◆ Feature #84: Configure the Upload limit for Files 	<ul style="list-style-type: none"> ◆ Feature #83: ing with activated 			
	12	13	14	15	16	17	18
41	<ul style="list-style-type: none"> ◆ Feature #81: Class JaGoSIProjectTask 		<ul style="list-style-type: none"> ◆ Feature #81: Class JaGoSIProjectTask 			Milestone 0.0.11	
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

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

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).

4. Detailed Features

4 Detailed Features

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

4 Detailed Features

- Time Tracking
 - Integrated
 - Supplemental Timesheet / Budget PlugIn's available
- File Area
- Document „Management“ System

4 Detailed Features

- 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

4 Detailed Features

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

4 Detailed Features

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

4 Detailed Features

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

4 Detailed Features

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

Questions?

clt2009@soebes.com

- 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-soin>

On-line Sources III

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