

Introduction to Redmine

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Redmine is a project management tool written in Ruby. It supports several database servers and is also known as an issue tracking system.



Redmine features:

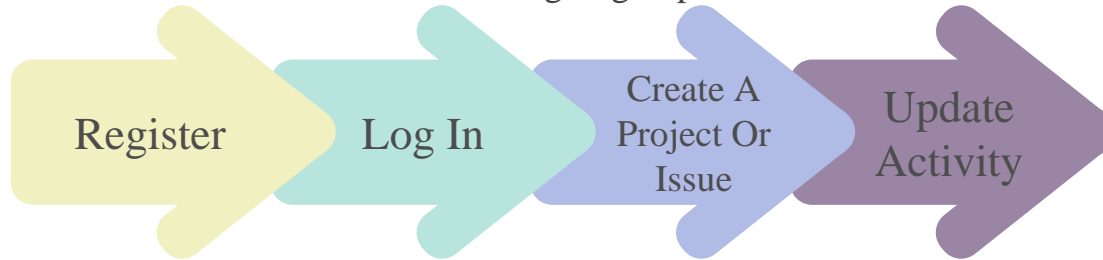
- It is an open-source tool.
- Keeps a track of multiple projects.
- Allows the user to have different roles and permissions.
- Users can track the time that has been spent on the issue.
- Users can see visual reporting using graphs and charts.

How You Can Use Redmine



Register with your valid email and details.

After you log in, the next step is creating issues or task that you are going to perform

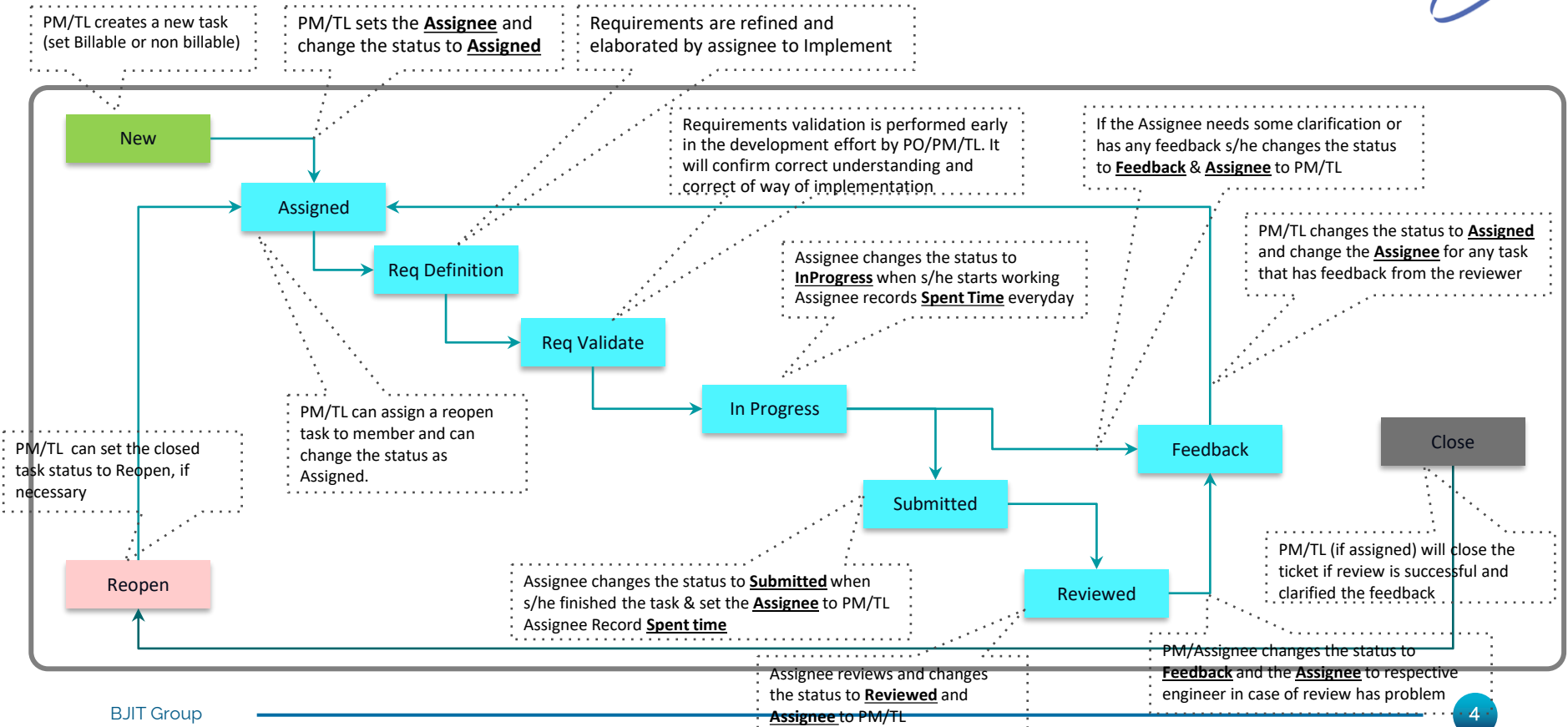


Log in with the email and password you have given while registering

Update the created issue according to your task activity



Redmine Ticket Workflow

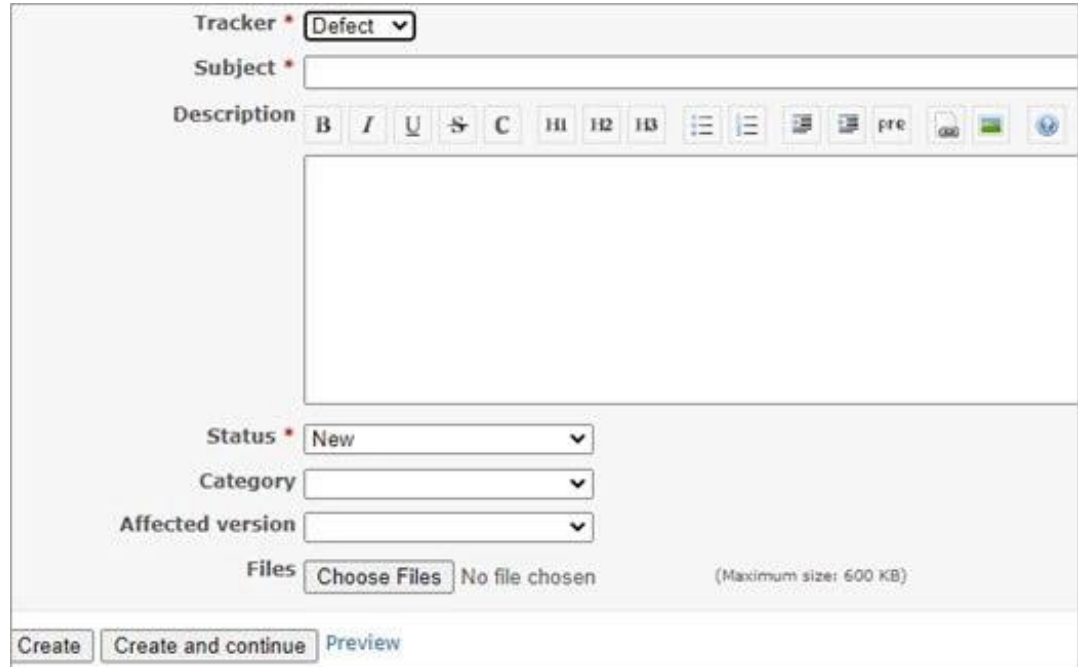


How To Create An Issue

To create a new issue, the users must navigate to the <New Issue> tab present in the header. The users can also select different Trackers like Defect, Feature, and Patch.

For creating an issue, the user needs to fill in the below fields:

- **Tracker:** Indicate the issue category. i.e., Story, Task, Bug, Risk, etc.
- **Subject:** A short and meaningful sentence.
- **Description:** Provide a description of the bug and steps to reproduce.
- **Status:** Provide the status of the bug-like new, assigned, submitted, and closed.
- **Files:** To upload a file, if any i.e., a screenshot of an issue.



The screenshot shows a web form for creating a new issue. The 'Tracker' dropdown is set to 'Defect'. The 'Subject' field is empty. The 'Description' field has a rich text editor toolbar with options for bold, italic, underline, strikethrough, link, unlink, list, and image. The 'Status' dropdown is set to 'New'. The 'Category' and 'Affected version' dropdowns are empty. The 'Files' section has a 'Choose Files' button and the text 'No file chosen' with a maximum size of 600 KB. At the bottom, there are three buttons: 'Create', 'Create and continue', and 'Preview'.

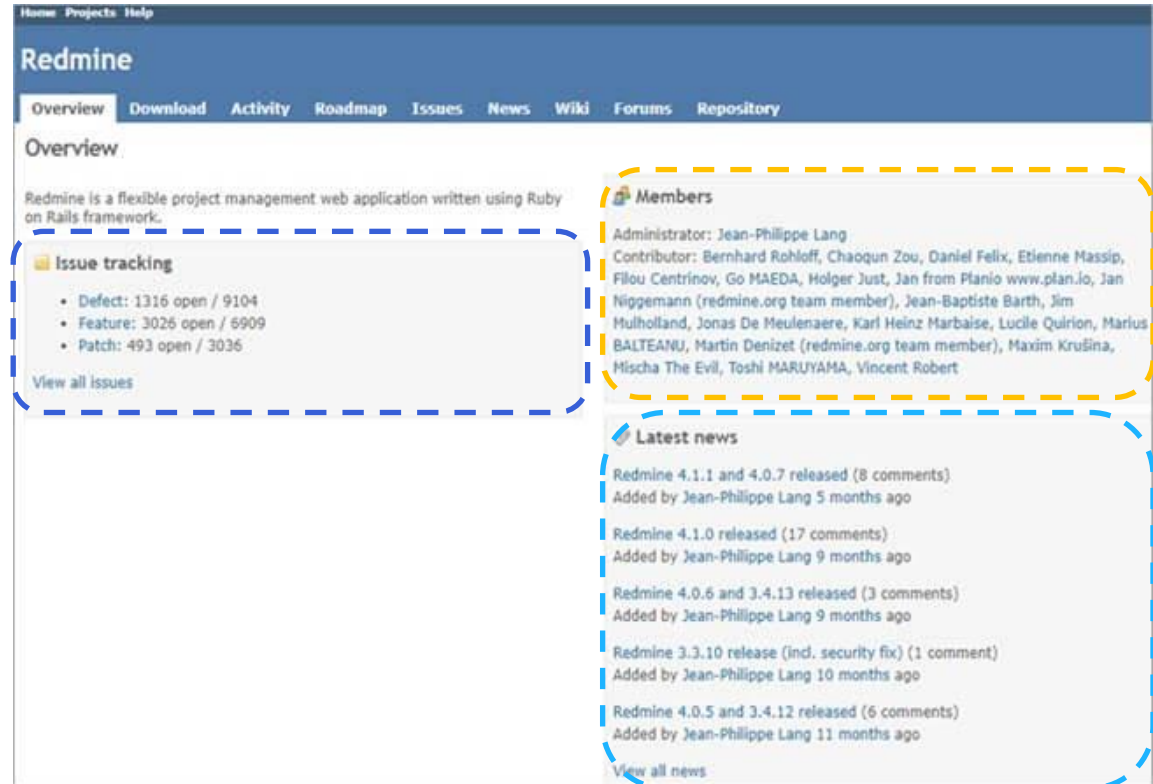
Important Concept Of Redmine

Project Overview

The “Issue Tracking” block on the left-hand side contains the complete status of all the issues that are in open/closed state.

The “Members” block shown on the right-hand side contains all the members related to the project

The “Latest News” block contains all the latest news related to the project.



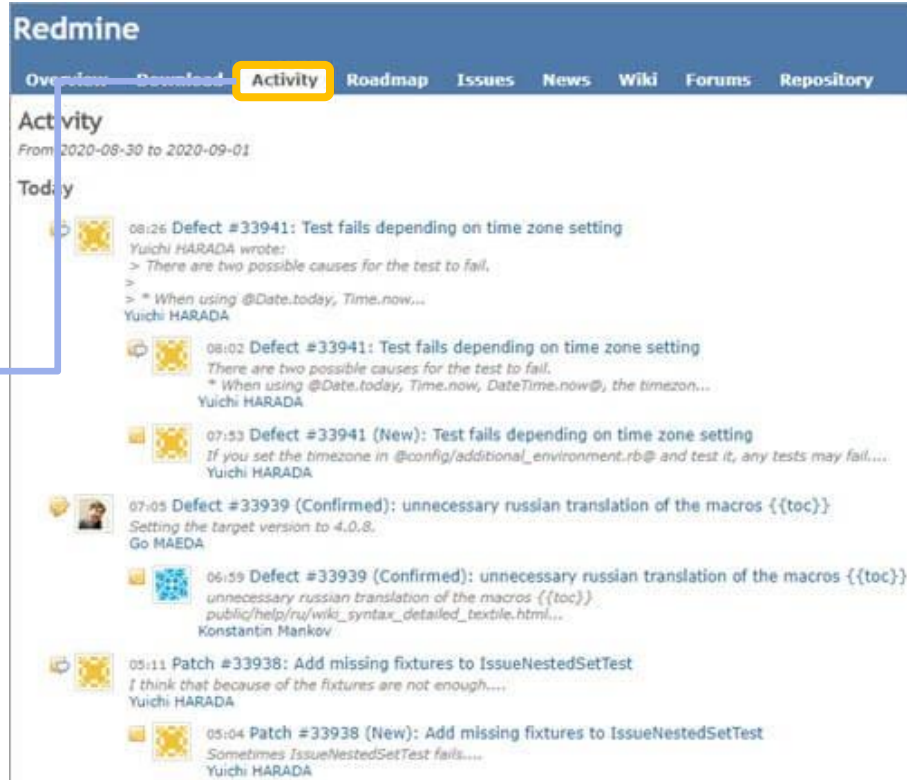
The screenshot shows the Redmine web application interface. At the top, there is a navigation bar with links: Home, Projects, Help. Below this is the Redmine logo and a secondary navigation bar with links: Overview, Download, Activity, Roadmap, Issues, News, Wiki, Forums, Repository. The main content area is titled "Overview" and contains a brief description: "Redmine is a flexible project management web application written using Ruby on Rails framework." Below this, there are three main blocks: "Issue tracking" (left), "Members" (right), and "Latest news" (bottom right). The "Issue tracking" block shows statistics: Defect: 1316 open / 9104, Feature: 3026 open / 6909, Patch: 493 open / 3036, and a link "View all issues". The "Members" block lists the Administrator (Jean-Philippe Lang) and Contributors (Bernhard Rohloff, Chaoqun Zou, Daniel Felix, Etienne Massip, Filou Centrinov, Go MAEDA, Holger Just, Jan from Planio, Jan Niggemann, Jean-Baptiste Barth, Jim Mulholland, Jonas De Meulenaere, Karl Heinz Marbaise, Lucile Quirion, Marius BALTEANU, Martin Denizet, Maxim Krusina, Mischa The Evil, Toshi MARUYAMA, Vincent Robert). The "Latest news" block lists recent releases with their comment counts and the date they were added by Jean-Philippe Lang.

Block	Content
Issue tracking	<ul style="list-style-type: none">Defect: 1316 open / 9104Feature: 3026 open / 6909Patch: 493 open / 3036 View all issues
Members	<p>Administrator: Jean-Philippe Lang</p> <p>Contributor: Bernhard Rohloff, Chaoqun Zou, Daniel Felix, Etienne Massip, Filou Centrinov, Go MAEDA, Holger Just, Jan from Planio, Jan Niggemann (redmine.org team member), Jean-Baptiste Barth, Jim Mulholland, Jonas De Meulenaere, Karl Heinz Marbaise, Lucile Quirion, Marius BALTEANU, Martin Denizet (redmine.org team member), Maxim Krusina, Mischa The Evil, Toshi MARUYAMA, Vincent Robert</p>
Latest news	<p>Redmine 4.1.1 and 4.0.7 released (8 comments) Added by Jean-Philippe Lang 5 months ago</p> <p>Redmine 4.1.0 released (17 comments) Added by Jean-Philippe Lang 9 months ago</p> <p>Redmine 4.0.6 and 3.4.13 released (3 comments) Added by Jean-Philippe Lang 9 months ago</p> <p>Redmine 3.3.10 release (ind. security fix) (1 comment) Added by Jean-Philippe Lang 10 months ago</p> <p>Redmine 4.0.5 and 3.4.12 released (6 comments) Added by Jean-Philippe Lang 11 months ago</p> View all news

Important Concept Of Redmine

Activity Report

It has all the audit logs or historical information related to the Project or searched issues.



The screenshot shows the Redmine web interface. The top navigation bar includes links for Overview, Downloads, Activity (highlighted with a yellow box), Roadmap, Issues, News, Wiki, Forums, and Repository. Below the navigation bar, the 'Activity' section is displayed, showing a list of recent activities from 2020-08-30 to 2020-09-01. The activities are listed under the heading 'Today'. Each activity entry includes a timestamp, a title, a description, and the user who performed the action. The activities are as follows:

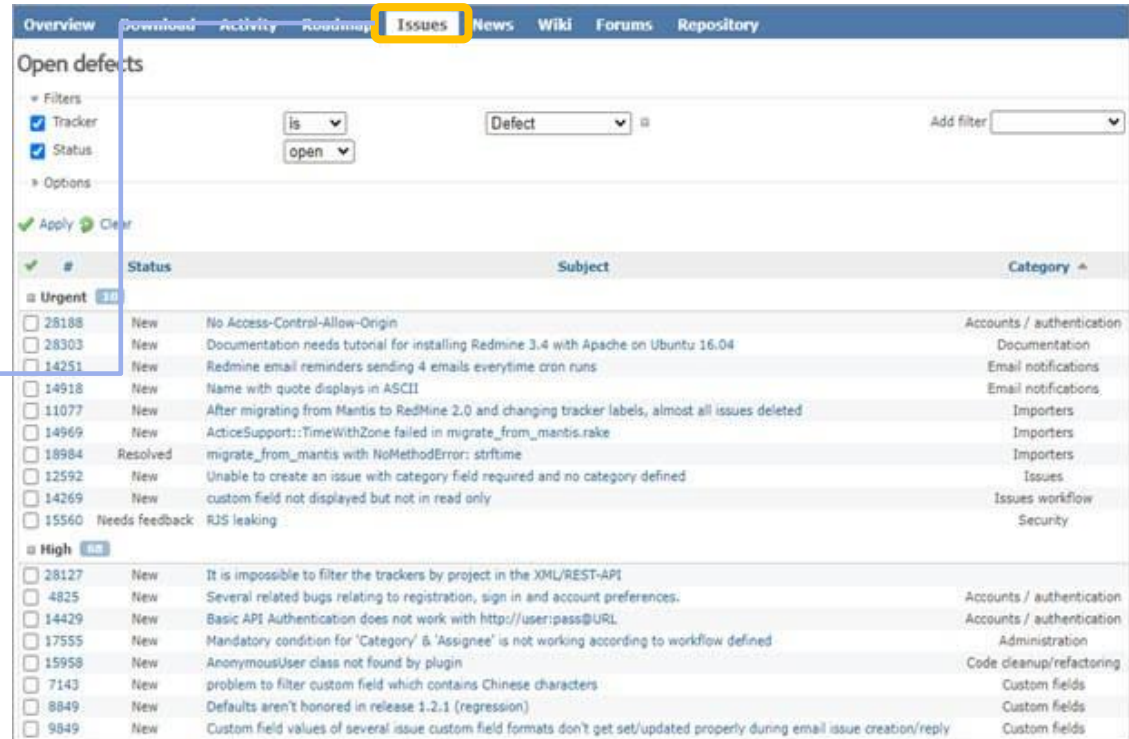
- 08:26 Defect #33941: Test fails depending on time zone setting
Yuichi HARADA wrote:
> There are two possible causes for the test to fail.
>
> * When using @Date.today, Time.now...
Yuichi HARADA
- 08:02 Defect #33941: Test fails depending on time zone setting
There are two possible causes for the test to fail.
* When using @Date.today, Time.now, DateTime.now@, the timezone...
Yuichi HARADA
- 07:53 Defect #33941 (New): Test fails depending on time zone setting
If you set the timezone in @config/additional_environment.rb@ and test it, any tests may fail....
Yuichi HARADA
- 07:05 Defect #33939 (Confirmed): unnecessary russian translation of the macros {{toc}}
Setting the target version to 4.0.8.
Go MAEDA
- 06:59 Defect #33939 (Confirmed): unnecessary russian translation of the macros {{toc}}
unnecessary russian translation of the macros {{toc}}
public/help/ru/wiki_syntax_detailed_textile.html...
Konstantin Mankov
- 05:11 Patch #33938: Add missing fixtures to IssueNestedSetTest
I think that because of the fixtures are not enough....
Yuichi HARADA
- 05:04 Patch #33938 (New): Add missing fixtures to IssueNestedSetTest
Sometimes IssueNestedSetTest fails....
Yuichi HARADA

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Issue Tracking

#1) Issue List

From here, the users can view the list of issues and can select a specific issue to see it in detail.



The screenshot shows the Redmine 'Issues' page. The 'Issues' tab is highlighted in the top navigation bar. Below the navigation bar, the page title is 'Open defects'. There are filter options for 'Tracker' (set to 'is'), 'Status' (set to 'open'), and 'Defect'. A table of issues is displayed, grouped by priority: 'Urgent' and 'High'. Each issue row includes a checkbox, an ID, a status, a subject, and a category. A blue arrow points from the text box to the first issue in the 'Urgent' group.

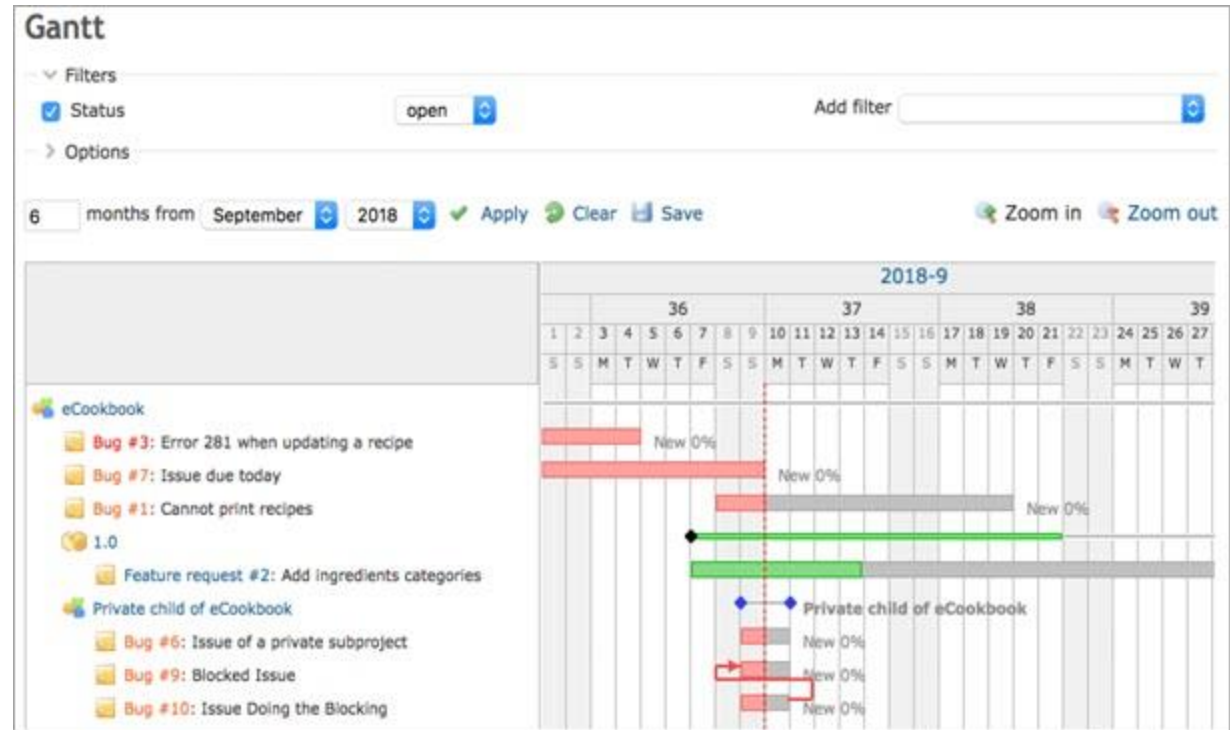
#	Status	Subject	Category
Urgent (3)			
<input type="checkbox"/> 28188	New	No Access-Control-Allow-Origin	Accounts / authentication
<input type="checkbox"/> 28303	New	Documentation needs tutorial for installing Redmine 3.4 with Apache on Ubuntu 16.04	Documentation
<input type="checkbox"/> 14251	New	Redmine email reminders sending 4 emails everytime cron runs	Email notifications
<input type="checkbox"/> 14918	New	Name with quote displays in ASCII	Email notifications
<input type="checkbox"/> 11077	New	After migrating from Mantis to RedMine 2.0 and changing tracker labels, almost all issues deleted	Importers
<input type="checkbox"/> 14969	New	ActiveSupport::TimeWithZone failed in migrate_from_mantis.rake	Importers
<input type="checkbox"/> 18984	Resolved	migrate_from_mantis with NoMethodError: strftime	Importers
<input type="checkbox"/> 12592	New	Unable to create an issue with category field required and no category defined	Issues
<input type="checkbox"/> 14269	New	custom field not displayed but not in read only	Issues workflow
<input type="checkbox"/> 15560	Needs feedback	RJS leaking	Security
High (8)			
<input type="checkbox"/> 28127	New	It is impossible to filter the trackers by project in the XML/REST-API	Accounts / authentication
<input type="checkbox"/> 4825	New	Several related bugs relating to registration, sign in and account preferences.	Accounts / authentication
<input type="checkbox"/> 14429	New	Basic API Authentication does not work with http://user:pass@URL	Accounts / authentication
<input type="checkbox"/> 17555	New	Mandatory condition for 'Category' & 'Assignee' is not working according to workflow defined	Administration
<input type="checkbox"/> 15958	New	AnonymousUser class not found by plugin	Code cleanup/refactoring
<input type="checkbox"/> 7143	New	problem to filter custom field which contains Chinese characters	Custom fields
<input type="checkbox"/> 8849	New	Defaults aren't honored in release 1.2.1 (regression)	Custom fields
<input type="checkbox"/> 9849	New	Custom field values of several issue custom field formats don't get set/updated properly during email issue creation/reply	Custom fields

Important Concept Of Redmine

Tracking Progress

Gantt Chart

It is used to track the project's progress, including the start date, due dates, status, and resolution. It's a plugin and the user can install it.



Thank You