

# Features

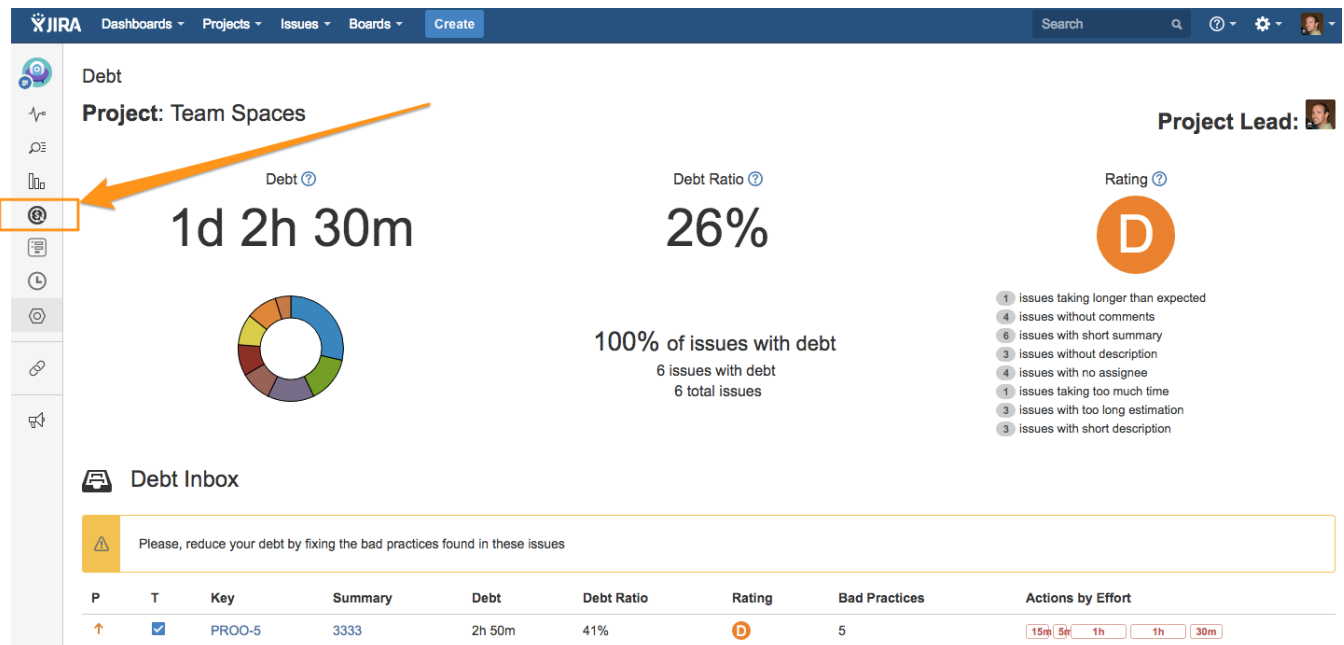
The main goal of the plugin is to detect bad practices in JIRA usage that are introducing "debt" in your project. It provides a full dashboard to track and evaluate the debt.

The plugin provides a full quality model to evaluate your project quality using the debt metaphor:

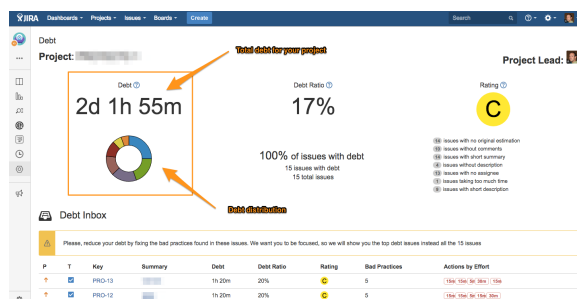
- Evaluate your project debt using **total debt time**, **debt distribution**, **debt ratio** and get your **sustainability rating** from A (best grade) to E (worst grade).
- Track your issue debt at any time, for any issue with the **issue debt panel**. It will help you to know how to reduce your debt by using JIRA best practices and the debt quality model.
- Reduce your debt using **recommended actions**. Plugin shows the top debt issues and helps you by providing the recommended actions to reduce your debt. You just need to check these actions and fix your issues!

## Features at project level

You can browse your project debt at anytime by **using the project tab panel in your project sidebar**. You will access the full debt dashboard with all your debt summary and details:



## How do we calculate the debt in JIRA?



## Total debt for the project

Debt Assessment is performed by reviewing all the issues of your project and finding bad practices (rules that are checked against the issues).

2d 1h 55m

We have defined a remediation cost for each bad practice in our debt model.

The total amount of debt is the sum of the remediation costs for all the bad practices found in all the issues.

## Debt distribution

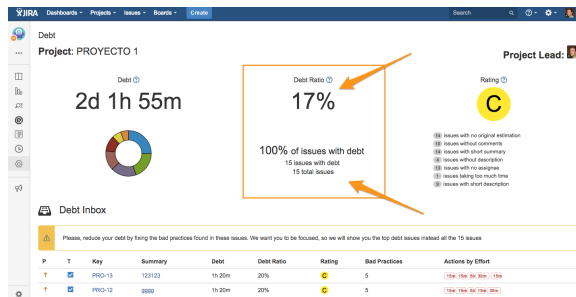
Below the total amount of debt you can find a debt distribution chart where you can specifically check what kind of bad practices are causing the most of your debt.

You just need to put your mouse over the graph to see the information about the bad practice and the current debt.



4h 30m due to issues with short description

## What's is the debt ratio?



## Debt Ratio

According to the debt metaphor, the debt ratio is the overrun of your project due to bad practices.

17%

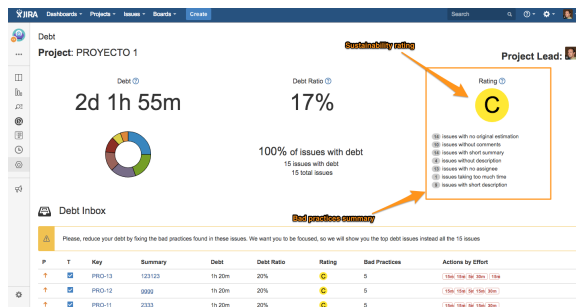
In our debt model, the debt ratio value gives the ratio between the actual debt and the maximum debt value for your project. The latter is estimated using the debt for each bad practice and the number of issues in your project.

## Issues with debt

It is the percentage of issues where the Debt Tracker found bad practices. Below you can find the exact number of issues with debt and without debt.

100% of issues with debt  
15 issues with debt  
15 total issues

## Debt Rating



## Debt Rating

This rating gives you your project sustainability. Giving the value of the debt ratio the project gets a rating going from A (best grade) to E (worst grade).

C

You can use this rating to compare different projects.

## Bad practices summary

In addition to the debt distribution you can also check how many issues for each bad practice. This is very helpful because it lets you know your project management weakness.

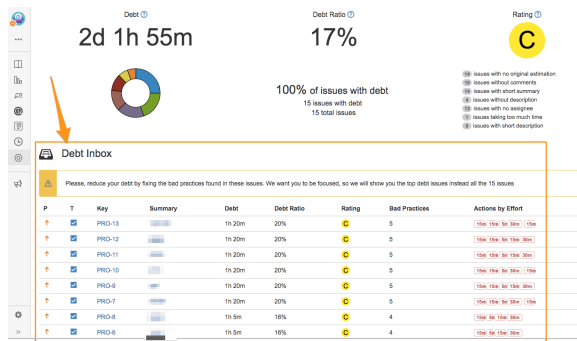
- 14 issues with no original estimation
- 10 issues without comments
- 14 issues with short summary
- 4 issues without description
- 13 issues with no assignee
- 1 issues taking too much time
- 9 issues with short description

## Debt Inbox

Debt Tracker and Assessment for JIRA will show you a set of issues in order to help you remediate your debt. This is called the **Debt Inbox**.

It will only show you a top 10 issue list. This is because you must be focused in a minimum set of issues instead of a too big list that you will never fix.

The inbox will be filled at first with not resolved issues, because those are issues where you are supposed to be working on, and it will be easier for you to fix them.



As soon as the debt is remediated in not resolved issues the Debt Inbox will show you the resolved ones.

## Debt Inbox Issue Information

| P | T | Key    | Summary   | Debt   | Debt Ratio | Rating | Bad Practices | Actions by Effort |
|---|---|--------|---|--------|------------|--------|---------------|-------------------|
| ↑ | ✓ | PROJ-5 | This is a summary that complies with the best practices | 2h 45m | 40%        | D      | 4             | 15m 1h 1h 30m     |

The Debt Inbox table will show you several details for the issues:

- **Priority, Issue Type, Key and Summary:** these fields identify the issue so that you can quickly navigate to them and see what happens.
- **Debt:** this is the total amount of debt associated with this specific issue. Total debt is the remediation cost of all the bad practices found in the issue.
- **Debt Ratio:** gives the ratio between the actual debt and the maximum debt value for the specific issue.
- **Rating:** giving the value of the debt ratio the issue gets a rating going from A (best grade) to E (worst grade).
- **Bad Practices:** this is the number of bad practices found in the issue.
- **Actions by Effort:** gives you additional information about the best practices found in the issue and gives you hints to solve them. These actions are displayed using the remediation cost associated to the bad practice.

Click on actions to view details

| Rating | Bad Practices | Actions by Effort |
|--------|---------------|-------------------|
| D      | 4             | 15m 1h 1h 30m     |
| D      | 5             |                   |
| D      | 5             |                   |
| C      | 3             |                   |
| C      | 3             |                   |

**Too Long Estimation**

The estimation for the issue is too long. Do you really think that it is so big? You must carefully try to split it in smaller issues or it will be a problem in the future.

**Effort: 1h**

[Go to fix it!](#)

## Features at issue level

In addition to the full debt dashboard at project level you can also get the debt information in the issue view panel:

Team Spaces / PROO-5

Edit
Comment
Assign
More
Start Progress
Done
Admin

Export
Export

Type:
Tarea
Status:
TO DO (View Workflow)
Priority:
Medium
Resolution:
Unresolved
Labels:
None

Description

Attachments

Activity
All
Comments
Work Log
History
Activity

People
Assignee:
admin
Reporter:
admin
Votes:
0
Watchers:
1 Stop watching this issue

Dates
Created:
02/Aug/16 12:14 PM
Updated:
20 minutes ago

Time Tracking
Estimated:
5w
Remaining:
0m
Logged:
2w 2d 5h

Issue Debt
Debt
2h 45m
Debt Ratio
40%
Rating
D

Actions by Effort
15m
1h
1h
30m

## Issue Debt Panel Details

Issue Debt

Debt
2h 45m
Debt Ratio
40%
Rating
D

Actions by Effort
15m
1h
1h
30m

The information displayed in the issue debt panel is the same information provided in the project debt dashboard but calculated at current issue level. The data provided is similar to the debt inbox information.

The panel will show you:

- **Debt:** this is the total amount of debt associated with this specific issue. Total debt is the remediation cost of all the bad practices found in the issue.
- **Debt Ratio:** gives the ratio between the actual debt and the maximum debt value for the specific issue.
- **Rating:** giving the value of the debt ratio the issue gets a rating going from A (best grade) to E (worst grade).
- **Actions by Effort:** this provides you additional information about bad practices found in the issue. You can click on the actions to display additional details.