Overall Requirement Coverage Report

Shows a normalized horizontal stacked bar chart with the current Requirements coverage for the selected **Analysis Version** (or **Test Plan**), **Test Environment** and **Grouping** field.

> ⚠️ **Please note**
>
> To use this report, your project must have **Requirements Coverage** enabled. Check out Configure Jira project to be used as Requirements project.

- Purpose
- How to use
  - Source data
  - Analysis
- Example

Purpose

In order to analyze the current status of your release, or even other releases from the past, you need to evaluate the status of requirements, taking into account the respective results.

You might want to analyze just the requirements implemented in a given version or you may want to analyze requirements from earlier versions based on your regression testing.

The overall requirements coverage report provides the means to analyze your requirements statuses in real-time.

How to use

This report is accessible either from the **Xray Reports** icon on the left sidebar of the project or from the standard **Reports** icon, which includes other kinds of reports besides Xray.

At the top of the report you'll find several areas related with the report and with the data shown in the report.

- **A**: Analysis & Scope, for choosing how to analyze the entities
- **B:** Group by, for defining how to visually group/aggregate items
- **C**: Filter, for selecting the source data
- **D**: Visualization information and options

You need to configure the source data (i.e., the requirements) for the chart and how to calculate the requirement status for each one of the requirements.
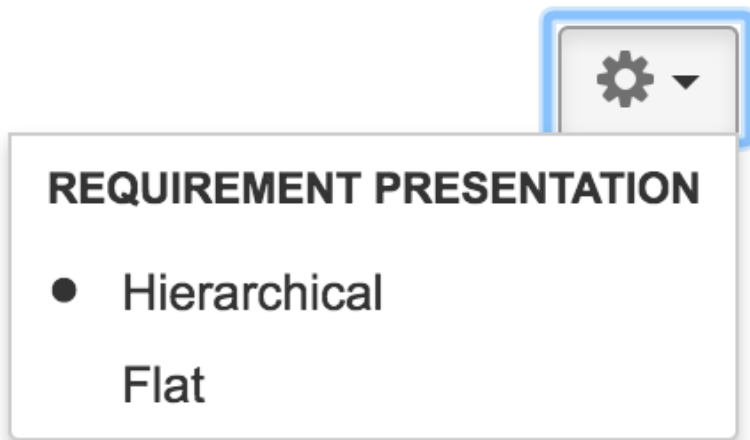
Source data

Source "requirement" issues can be directly provided (within section C) using a saved filter or by specific requirement fields:

- **Saved filter**: a saved filter containing requirement issues

- **Fix Version**: version assigned to the requirement (you can also choose whether to include the previous versions - equivalent in JQL to fixVersion <= X. The default value for this option can be changed in the Xray configuration.)
- **Key or Summary**: the requirement's key or summary
- **Assignee**: the requirement's assignee
- **Component**: the component assigned to the requirement
- **Workflow Status**: the workflow status

- **Resolution**: the workflow resolution

There is also an options menu (section D) where you can choose the visualization type for the report:

- **hierarchical -** only the parent requirement issues will be presented in the report, if the filter includes them. Sub-requirements can still be visualized in the overall details table.
- **flatten -** the requirement issues will not consider the parent/child relationship. All parent and child requirements will be considered and showed similarly in the report.

Analysis

On the left side (within section A), you can define the analysis strategy, i.e., the way you want to analyze the selected/filtered requirements. You can choose either to analyze by **Version** or **Test Plan,** and then complement it with a **Test Environment.**

If you choose analysis by **Version**, then the latest results from Test Executions for the specified version are taken into account. If you choose **Test Plan**, only Test Executions (and related results) associated with the given Test Plan are considered during the calculation of the requirement status.

If you specify the Test Environment, then only the executions that ran in the specified environment are considered.
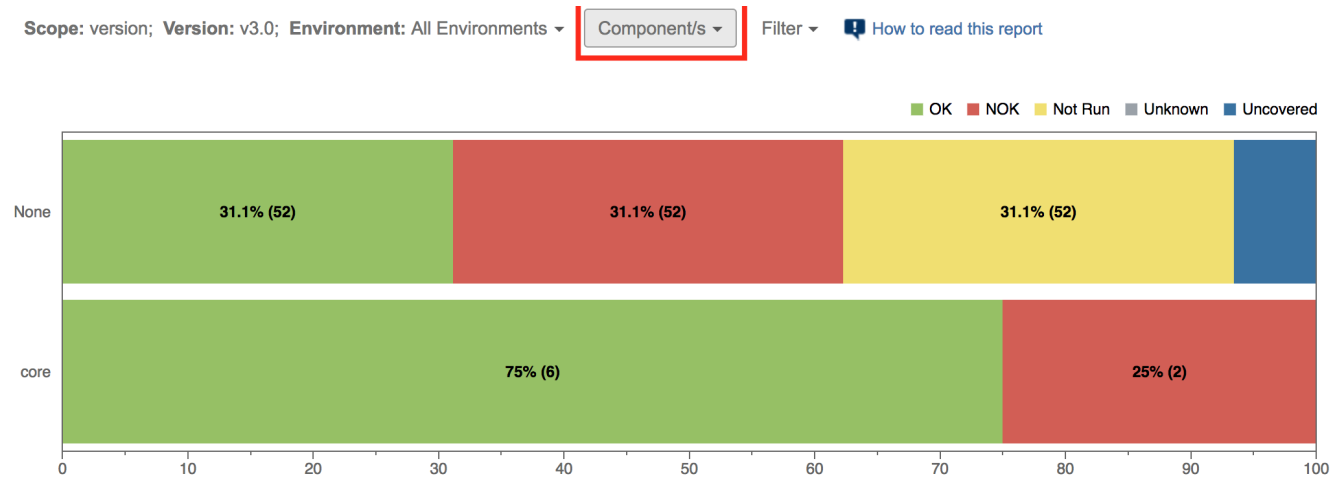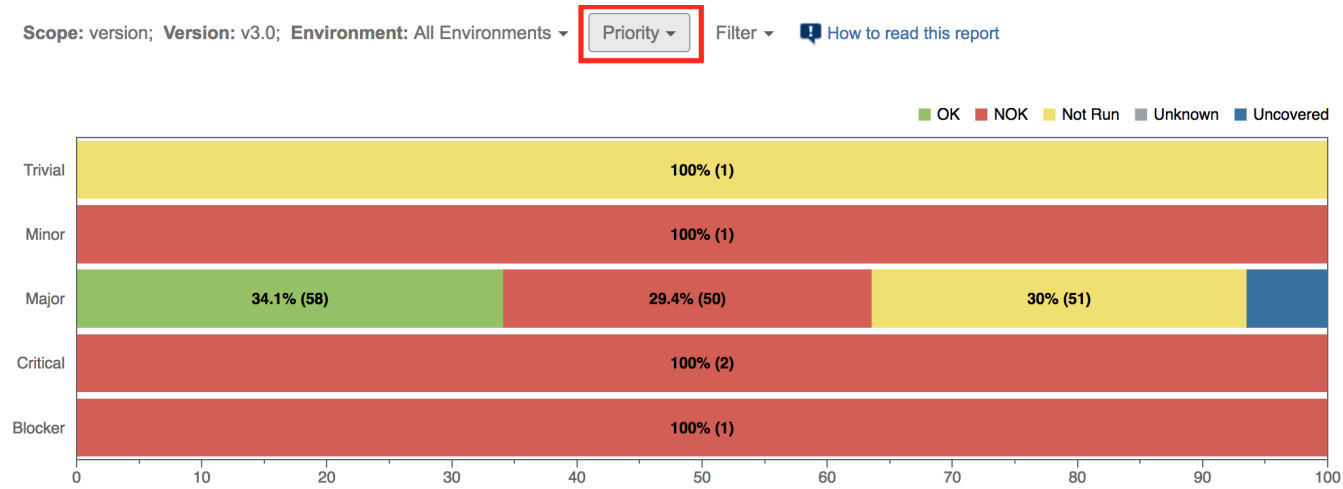

> ⓘ **Tips**
>
> For more information, please see Coverage Analysis and Understanding coverage and the calculation of Test and requirement statuses.

You can visually group the requirements (within section B) by Priority, Component or other fields, so you can analyze requirements from different perspectives.

Scope: version; **Version:** v3.0; **Environment:** All Environments ▾ **Priority** ▾   Filter ▾   🔔 How to read this report

■ OK ■ NOK ■ Not Run ■ Unknown ■ Uncovered

Scope: version; **Version:** v3.0; **Environment:** All Environments ▾ **Component/s** ▾   Filter ▾   🔔 How to read this report

■ OK ■ NOK ■ Not Run ■ Unknown ■ Uncovered

ⓘ **Please note**

Some Xray global settings may affect the report (e.g."Requirement Coverage Strategy", "Ignore Requirements with statuses", "Ignore Requirements with labels", "Ignore Tests with status")
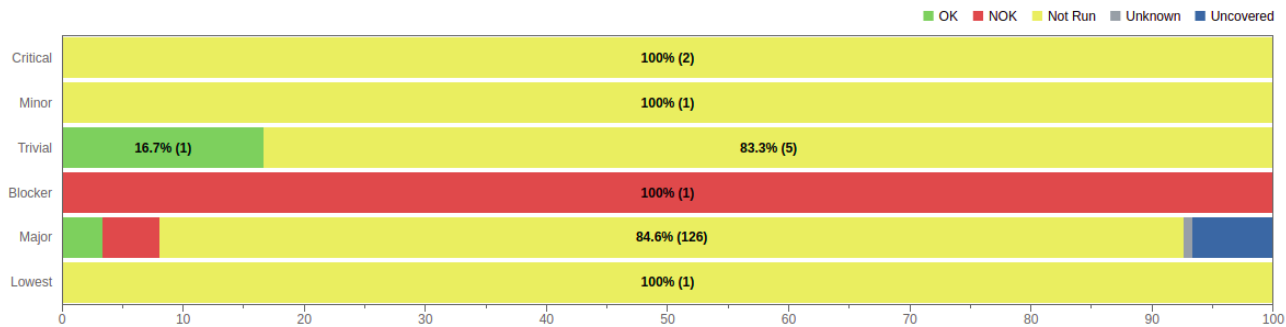
Example

Each bar on the chart represents a group of Requirements with a different *value* provided by the grouping field. Stacked within each bar are the Requirements grouped by coverage status: **OK**, **NOK**, **NOT RUN**, **UNKNOWN** and **UNCOVERED**.

Because this is a normalized chart, the bars are always 100% wide.

The Overall Coverage requirements chart is interactive. Hovering over each bar shows a small popup with the information on the specific series (Status, Grouping Field and Percentage). You can deactivate a particular series by clicking it in the series legend.

Overall Requirement Coverage Report Switch report ⌄

Scope: version; **Version:** v1.0; **Environment:** All Environments ⌄   Priority ⌄   Filter ⌄   🚩 How to read this report   ⚙ ⌄

■ OK ■ NOK ■ Not Run ■ Unknown ■ Uncovered

Critical	100% (2)
Minor	100% (1)
Trivial	16.7% (1) 83.3% (5)
Blocker	100% (1)
Major	84.6% (126)
Lowest	100% (1)

The chart also supports drill-down. When a section is selected, a table appears below the chart with the Requirement issues.

For each Requirement issue, the table shows the following indicators:

- Total Tests
- Passed
- Failed
- Unknown

It also contains a column with a progress bar that shows the completeness of a Requirement.

Some values may provide a link, so you can be redirected to the respective entities corresponding to the shown number.

Requirements with Component/s "None" and Status "NOK"

View Issues

Show 10 ⌄ entries

Search CALC-1620

Key	Summary	Total Tests	Tests Passed	Tests Failed	Tests Unknown	Completeness
CALC-1620	As a user, I can calculate the sum of two numbers	10	3	1	6	30%

Showing 1 to 1 of 1 entries (filtered from 45 total entries)   First   Previous   1   Next   Last