Xray Documentation Home

Ever wanted to have a simple way to manage quality assurance tests which integrates seamlessly with Jira? Now, you can do it easily with Xray. It supports both manual and automated tests and provides useful reports to track the quality and requirement coverage of your projects.

Xray is a powerful app developed by Xpand IT, a Platinum Atlassian Solution Partner.

- To start, check out the intro videos or watch a full product overview demo.
- To purchase a license, visit the Atlassian Marketplace or go to our website.
- To get more in-depth information, continue with the documentation below or jump right into the key features.

Overview

Xray is a complete Test Management tool for Jira. It is a full-featured app that does not require any other software in order to run.

Xray supports the *entire* testing life cycle: test **planning**, test **design**, test **execution** and test **reporting**. We do this by using special Jira issue types, so you can use all Jira benefits that you are used to.

Our aim is to help you improve the quality of your systems through effective and efficient testing. That's why from our first version, Xray already supports both manual and automated tests, including full support for BDD framework (e.g. Cucumber, SpecFlow, Serenity BDD) examples/tests in the native language (i.e., English).

Feel free to contact us if you need to implement an effective test management tool, want to request a demo, or if you have any question. We're here to help you.

Discover why so many people and organizations choose Xray every single day.

Features

- Create, organize, plan and execute your manual and automated tests (Cucumber and similar BDD frameworks supported natively; it also supports other test frameworks)
- Manage all your tests, manual or automated, in the same way
- Integrate seamlessly with Jira and Jira concepts

- Track test progress in real-time
- Create beautiful reports in docx, xlsx, pdf with Xporter
- Generate advanced reporting with eazyBI
- Enhance your Agile boards with requirement status and related executions

- Makes use of Jira issues for test management, allowing you to customize screens, workflows, attributes

- Ensure consistency by storing test definitions for past executions
- Track changes in all your test artifacts

- Easily integrate and extend using Xray's REST API
- Integrate with your favorite Continuous Integration tool, including Bamboo and Jenkins
- Import test definitions from Excel (CSV) for both manual and automated tests
- Import existing automated tests, including Cucumber Scenarios /Scenario Outlines
- Import automated tests and their results from automated test frameworks through TestNG, JUnit, NUnit, Robot and other runners

- Extensive configuration options
- Custom test and step statuses
- Major languages supported (English, German, French, Spanish)

- Widely used by many organizations, including Fortune 500 companies
- Always up-to-date with constant releases
- Ready to use: install and use it right away

Feature List

	Supported?
Specify	
Create, view, edit, clone tests	✔
Attachments on Test Steps	✔

Link to Defects and Requirements	✔
Imbued Generic Automated Tests	✔
Native support for BDD (Gherkin/Cucumber)	✔
Preconditions for test cases	✔
Reuse preconditions between test cases	✔
Multiple preconditions for test cases	✔
Organize	
Organize tests by project, version, component and label	✔
Organize tests in Test Sets	✔
Organize tests hierarchical, in folders, per project	✔
Plan	
Test plans	✔
Organize tests hierarchical, in folders, per each Test Plan	✔
Execute	
Create, edit, clone and schedule test executions	✔
Ad hoc style (execute unplanned tests)	✔
Personalize and create Test Run and step statuses	✔
Measure	
Track with progress bars on Test Execution/Cycles and Test Plans	✔
Track requirement coverage/status directly on issues, as an attribute	✔
Advanced Reporting	✔ (Traceability, Test Plans and Test Executions metrics, Overall and Historic Requirement Coverage)
Number of built-in reusable gadgets	**6**
Explore and evolve	✔
Advanced query language	✔ **(extensive list of JQL functions)**
REST API built-in	✔
Characteristics	
Consistency (Test changing non-retroactivity on past executions)	✔
Using of Jira issues benefits	**Test, Pre-Condition, Test Set, Test Execution, Test Plan**
Configuration	
Extensive configuration, including behavior	✔

Per-project configuration	✔
Support for project separation between requirements and tests	✔
Agile integration	
Seamless integration with Jira's native Agile boards (see Test Plans and Test Executions associated with requirements)	✔
CI Integrations (Jenkins, Bamboo, TeamCity, GitLab, Maven)	✔
Importing results	**Cucumber, SpecFlow, Behave, Serenity BDD, Gwen, Xray JSON, TestNG, JUnit, NUnit, xUnit, Robot, RSpec, Selenium**
Importing tests	**Cucumber .feature(s), Excel/CSV, Zephyr for Jira, HP QC/ALM and tests from many different automated test frameworks**
Exporting testing data to fully customized DOC /PDF/Excel with Xporter	✔
Integration with other Jira related tools (e.g. Confluence)	✔
Integration with other top-notch apps (Xporter, eazyBI, Structure, Apwide Golive, Bulk Clone)	✔
UI-Supported languages	**English, German, French, Spanish**
Mobile app (see features & setup info)	✔ (iOS, Android)