

# Xray Documentation Home

## 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
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- 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?
<b>Specify</b>	
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	✓
<b>Organize</b>	
Organize tests by project, version, component and label	✓

Organize tests in Test Sets	✓
Organize tests hierarchical, in folders, per project	✓
<b>Plan</b>	
Test plans	✓
Organize tests hierarchical, in folders, per each Test Plan	✓
<b>Execute</b>	
Create, edit, clone and schedule test executions	✓
Ad hoc style (execute unplanned tests)	✓
Personalize and create Test Run and step statuses	✓
<b>Measure</b>	
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 <a href="#">built-in reusable gadgets</a>	6
<b>Explore and evolve</b>	✓
Advanced query language	✓
	(extensive list of <a href="#">JQL functions</a> )
<a href="#">REST API built-in</a>	✓
<b>Characteristics</b>	
Consistency (Test changing non-retroactivity on past executions)	✓
Using of Jira issues benefits	Test, Pre-Condition, Test Set, Test Execution, Test Plan
<b>Configuration</b>	
Extensive configuration, including behavior	✓
Per-project configuration	✓
Support for project separation between requirements and tests	✓
<b>Agile integration</b>	
<a href="#">Seamless integration with Jira's native Agile boards</a> (see Test Plans and Test Executions associated with requirements)	✓
<b>CI Integrations</b> ( <a href="#">Jenkins</a> , <a href="#">Bamboo</a> , <a href="#">TeamCity</a> , <a href="#">GitLab</a> , <a href="#">Maven</a> )	✓
<b>Importing results</b>	Cucumber, SpecFlow, Behave, Serenity BDD, Gwen, Xray JSON, TestNG, JUnit, NUnit, xUnit, Robot, RSpec, Selenium
<b>Importing tests</b>	Cucumber .feature(s), <a href="#">Excel/CSV</a> , <a href="#">Zephyr for Jira</a> , <a href="#">HP QC/ALM</a> and tests from <a href="#">many different automated test frameworks</a>

Exporting testing data to fully customized DOC /PDF/Excel with <a href="#">Xporter</a>	✓
Integration with other Jira related tools (e.g. <a href="#">Confluence</a> )	✓
Integration with other top-notch apps ( <a href="#">Xporter</a> , <a href="#">eazyBI</a> , <a href="#">Structure</a> , <a href="#">Apwide Golive</a> , <a href="#">Bulk Clone</a> )	✓
UI-Supported languages	English, German, French, Spanish
Mobile app ( <a href="#">see features &amp; setup info</a> )	✓ (iOS, Android)