

TTT: Examples using JUnit

One way to easily integrate your automated tests is by using the JUnit XML output of your test runner.

You can learn more about how JUnit reports are used with Xray in [Taking advantage of JUnit XML reports](#).

We have some simple yet detailed tutorials explaining how to integrate several testing frameworks used in some programming languages, so you can see how automated tests are mapped from your code to Jira.

- [Testing web applications using Selenium and JUnit5 in Java](#)
- [Testing using Selenium and JUnit4 in Java](#)
- [Testing using Selenium and RSpec in Ruby](#)
- [Testing using UFT Pro \(LeanFT\) and JUnit in Java](#)
- [Testing using Mocha in JavaScript](#)
- [Testing using PHPUnit in PHP](#)
- [Testing using pytest in Python](#)
- [Testing using CasperJS and PhantomJS in JavaScript](#)
- [Visual Testing using PhantomCSS in JavaScript](#)
- [Testing using the Robot Framework and xUnit reports](#)
- [Testing using MiniTest in Ruby](#)
- [Testing Angular apps using Protractor in JavaScript](#)
- [Testing using Jasmine \(Node.js\) in JavaScript](#)
- [Testing using Google Test in C++](#)
- [Testing Windows Applications using Appium and JUnit in Java](#)
- [Testing Android Applications using Appium and JUnit in Java](#)
- [Testing iOS applications using Appium and JUnit in Java](#)
- [Testing using Robot framework and xUnit reports](#)
- [Testing using FitNesse and JUnit](#)
- [Testing web and mobile applications using CodeceptJS in JavaScript](#)
- [Headless testing web applications using Jest and Puppeteer in JavaScript](#)
- [Testing using Serenity and JUnit in Java](#)
- [Testing mobile apps in the cloud \(Sauce Labs\) using Webdriver and Mocha in Javascript](#)
- [E2E testing web apps locally or in the cloud \(Sauce Labs\) using Nightwatch.js and WebDriver in Javascript](#)
- [E2E web testing locally, remote or in the cloud \(BrowserStack, SauceLabs\) using TestCafé in JavaScript](#)
- [Testing APIs using Katalon Studio](#)
- [Testing using Cypress in JavaScript](#)
- [Testing using Selenium WebDriver and Gauge in Java](#)
- [Testing Android apps using Espresso in Java or Kotlin](#)
- [Testing iOS apps using XCTest in Swift](#)
- [Testing the UI of iOS apps using XCTest and XCUITest in Swift](#)
- [Testing infrastructure using Chef InSpec](#)
- [Testing Salesforce apps using Apex](#)
- [Testing web applications using Playwright](#)
- [Testing web applications using Mocha and WebDriverIO](#)