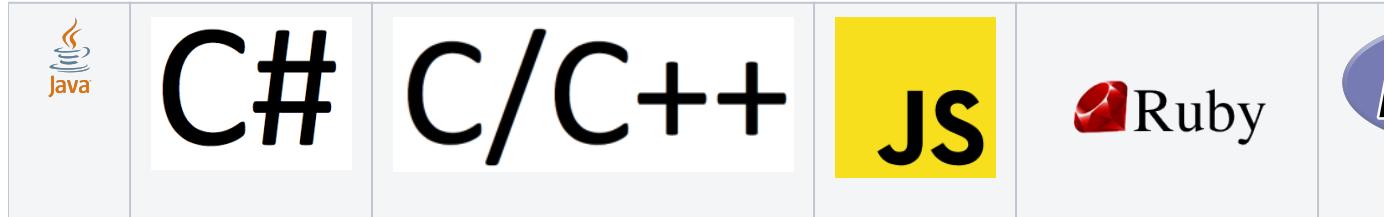


TTT: Automation

Within this page of TTT (Tutorials, Tips and Tricks) you may find some useful articles related with automation, including a vast collection of tutorials for all sorts of frameworks (e.g. Cucumber, JUnit, TestNG, etc), in all sort of languages (e.g. Java, C, C#, Ruby, Perl, Python, etc) and all types of testing (e.g. web, cloud, mobile).

- Examples by programming language
- Examples by testing framework report
- Examples by target environment

Examples by programming language



<ul style="list-style-type: none"> • Load Testing using Gatling and JUnit in Scala • Testing Android Applications using Appium and JUnit in Java • Testing iOS applications using Appium and JUnit in Java • Testing using Cucumber in Java • Testing using Cucumber in Ruby /JRuby • Testing using Robot framework and xUnit reports • Testing using Robot Framework integration in Python or Java • Testing using Robot framework integration , in Python or Java • Testing using Selenium and JUnit in Java • Testing using Serenity and JUnit in Java • Testing using TestNG in Java • Testing using the Robot Framework and xUnit reports • Testing using UFT Pro (LeanFT) and JUnit in Java • Testing Windows Applications using Appium and JUnit in Java 	<ul style="list-style-type: none"> • Testing using NUnit in C# • Testing using Selenium (WebDriver) and Nunit in C# • Testing using SpecFlow and Cucumber Scenarios in C# • Testing using Specflow and NUnit in C# • Testing using UFT Pro (LeanFT) and NUnit in C# 	<ul style="list-style-type: none"> • Testing using Google Test in C++ 	<ul style="list-style-type: none"> • 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 TestCafe in JavaScript • Headless testing web applications using Jest and Puppeteer in JavaScript • Testing mobile apps in the cloud (Sauce Labs) using Webdriver and Mocha in Javascript • Testing using CasperJS and PhantomJS in JavaScript • Testing using Cypress in JavaScript • Testing using Jasmine (Node.js) in JavaScript • Testing using Mocha in JavaScript • Testing web and mobile applications using CodeceptJS in JavaScript • Visual Testing using PhantomCSS in JavaScript 	<ul style="list-style-type: none"> • Testing mobile apps in the cloud (BrowserStack) using Appium and Cucumber in Ruby • Testing using Cucumber in Ruby /JRuby • Testing using MiniTest in Ruby • Testing using Selenium and RSpec in Ruby 	<ul style="list-style-type: none"> • Te
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Examples by testing framework report

	TestNG		
<ul style="list-style-type: none"> • E2E web testing locally, remote or in the cloud (BrowserStack, SauceLabs) using TestCafé in JavaScript • Headless testing web applications using Jest and Puppeteer in JavaScript • Integration with Azure DevOps • Integration with Bamboo • Integration with CircleCI • Integration with GitLab • Integration with Jenkins • Integration with TeamCity • Integration with TeamCity (legacy) • Load Testing using Gatling and JUnit in Scala • Taking advantage of JUnit XML reports • Testing Android Applications using Appium and JUnit in Java • Testing Angular apps using Protractor in JavaScript • Testing APIs using Katalon Studio • Testing iOS applications using Appium and JUnit in Java • Testing using CasperJS and PhantomJS in JavaScript • Testing using Cypress in JavaScript • Testing using FitNesse and JUnit • Testing using Google Test in C++ • Testing using Jasmine (Node.js) in JavaScript • Testing using MiniTest in Ruby • Testing using Mocha in JavaScript • Testing using PHPUnit in PHP • Testing using pytest in Python • Testing using Robot framework and xUnit reports • Testing using Selenium and JUnit in Java • Testing using Selenium and RSpec in Ruby • Testing using Serenity and JUnit in Java • Testing using SoapUI / ReadyAPI • Testing using the Robot Framework and xUnit reports 	<ul style="list-style-type: none"> • Taking advantage of NUNIT XML reports • Testing using NUNIT in C# • Testing using Selenium (WebDriver) and NUNIT in C# • Testing using Specflow and NUNIT in C# • Testing using UFT Pro (LeanFT) and NUNIT in C# <ul style="list-style-type: none"> • Testing using TestNG in Java • Testing web apps in the cloud (BrowserStack) using Selenium and TestNG in Java • Testing web apps in the cloud (Sauce Labs) using Selenium and TestNG in Java 	<ul style="list-style-type: none"> • Integration with Bamboo • Integration with GitLab • Integration with Jenkins • Integration with TeamCity • Integration with TeamCity (legacy) • Testing mobile apps in the cloud (BrowserStack) using Appium and Cucumber in Ruby • Testing using Calabash and Xamarin Test Cloud in Ruby • Testing using Cucumber in Java • Testing using Cucumber in Perl • Testing using Cucumber in Ruby/JRuby • Testing using SpecFlow and Cucumber Scenarios in C# 	

Examples by target environment

Browser/Web testing	Mobile Testing	Testing in the Cloud
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<ul style="list-style-type: none"> • E2E testing web apps locally or in the cloud (Sauce Labs) using Nighwatch.js and WebDriver in Javascript • E2E web testing locally, remote or in the cloud (BrowserStack, SauceLabs) using TestCafé in JavaScript • Headless testing web applications using Jest and Puppeteer in JavaScript • Testing APIs using Katalon Studio • Testing mobile apps in the cloud (Sauce Labs) using Webdriver and Mocha in Javascript • Testing using CasperJS and PhantomJS in JavaScript • Testing using Cypress in JavaScript • Testing using Selenium (WebDriver) and NUnit in C# • Testing using Selenium and JUnit in Java • Testing using Selenium and RSpec in Ruby • Testing using Serenity and JUnit in Java • Testing web apps in the cloud (BrowserStack) using Selenium and TestNG in Java • Testing web apps in the cloud (Sauce Labs) using Selenium and TestNG in Java • Visual Testing using PhantomCSS in JavaScript 	<ul style="list-style-type: none"> • Testing mobile apps in the cloud (BrowserStack) using Appium and Cucumber in Ruby • Testing mobile apps in the cloud (Sauce Labs) using Webdriver and Mocha in Javascript • Testing using Calabash and Xamarin Test Cloud in Ruby • Testing web and mobile applications using CodeceptJS in JavaScript 	<ul style="list-style-type: none"> • E2E testing web apps locally or in the cloud (Sauce Labs) using Nighwatch.js and WebDriver in Javascript • Integration with GitLab • Testing mobile apps in the cloud (BrowserStack) using Appium and Cucumber in Ruby • Testing mobile apps in the cloud (Sauce Labs) using Webdriver and Mocha in Javascript • Testing using Calabash and Xamarin Test Cloud in Ruby • Testing web apps in the cloud (BrowserStack) using Selenium and TestNG in Java • Testing web apps in the cloud (Sauce Labs) using Selenium and TestNG in Java
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