User Guide

Selenium, Java, Maven & TestNG using Intellij Idea

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Revision History

Date	Version	Description	Contributor
21st Oct, 2020	0.1	Created Initial Draft	Maria Khan
21st Oct, 2020	0.1	Updated Document	Hiba Fatima

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Prerequisites

1. ## Install Java
   a. Install latest Java JDK (version 8+):
      https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html
   b. Set its environment variable JAVA_HOME (Helpful Link:
      https://confluence.atlassian.com/doc/setting-the-java_home-variable-in-windows-8895.html)

      Linux: https://community.linuxmint.com/tutorial/view/1372
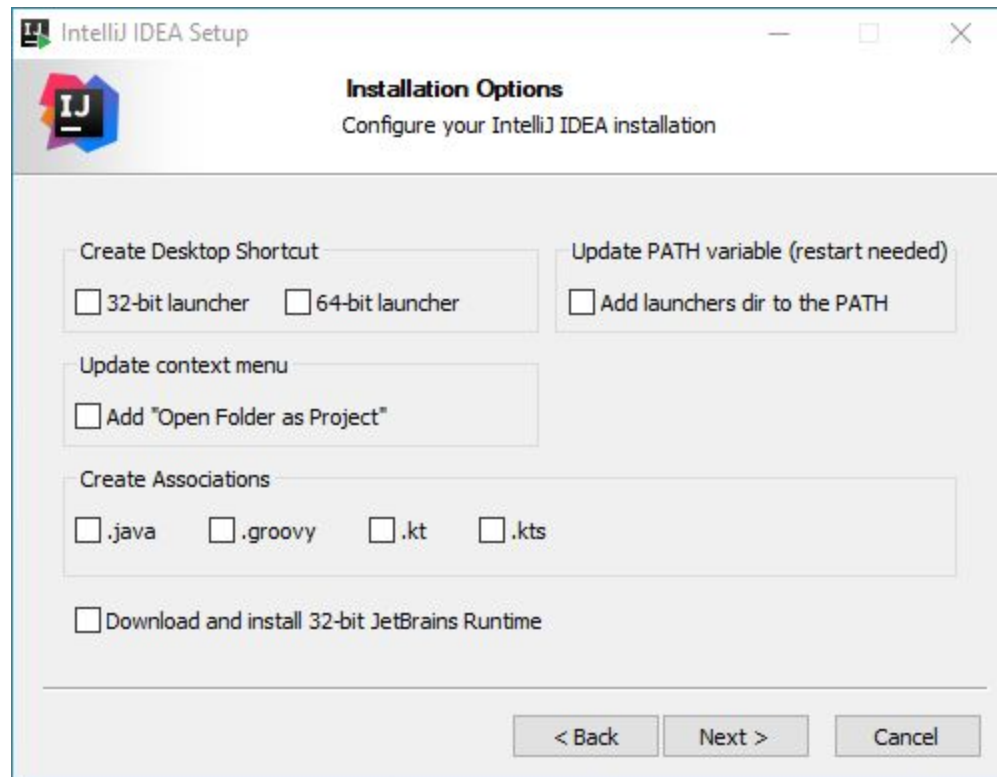
      MacOS:
      http://www.sajeconsultants.com/how-to-set-java_home-on-mac-os-x/?utm_source=rss&utm_medium=rss&utm_campaign=how-to-set-java_home-on-mac-os-x

   To verify: Execute command in cmd:$ java –version

2. ## Setting Up IntelliJ
   a. Download & Install IntelliJ - Community version:
      https://www.jetbrains.com/idea/download/#section=windows
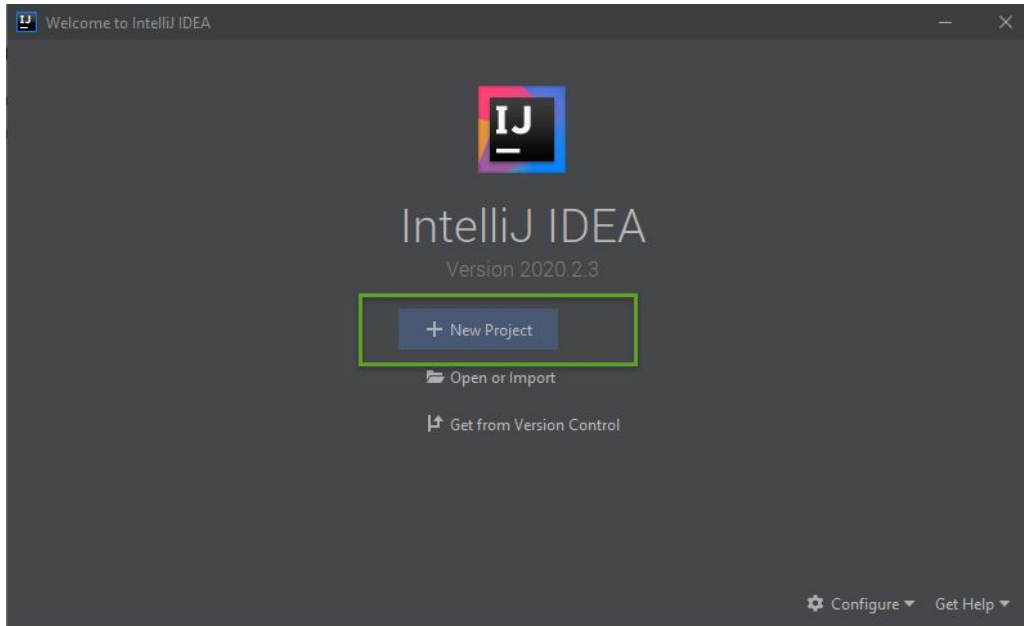
b. Select launcher as per your system (32 or 64), select java and Add launchers dir to the path and then click Next.
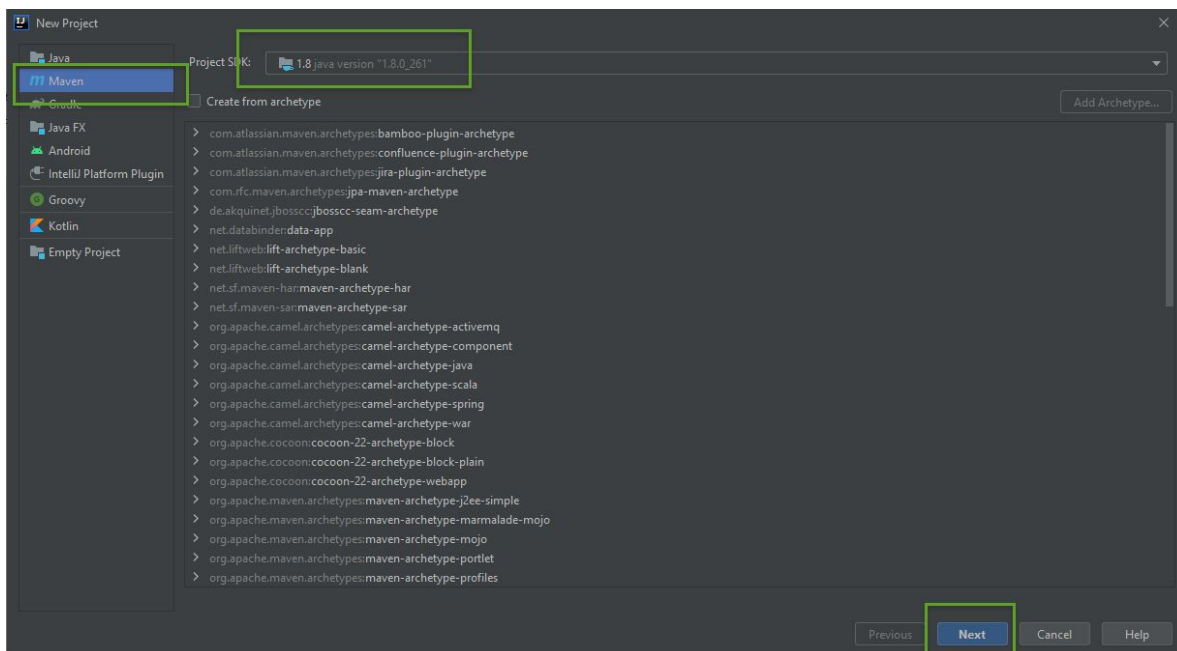

c. Complete the set up.

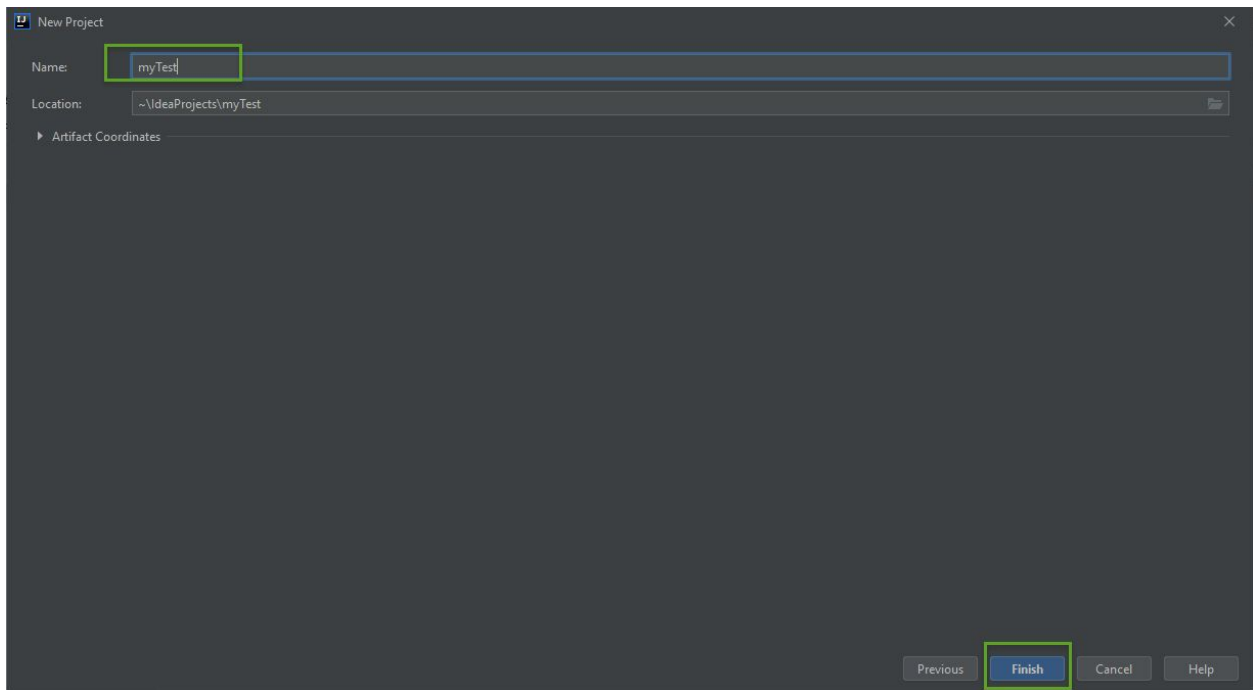## 3. Open Intellij and Create New Project:

Open Intellij IDEA and click New Project:

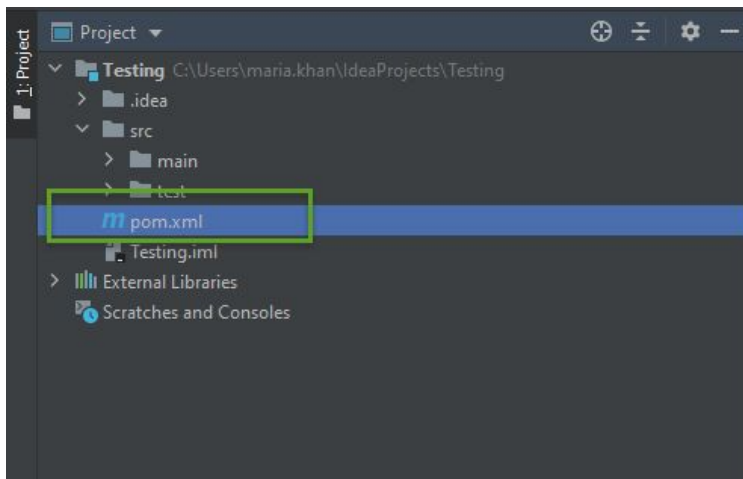Select Maven project and make sure JDK is displayed:

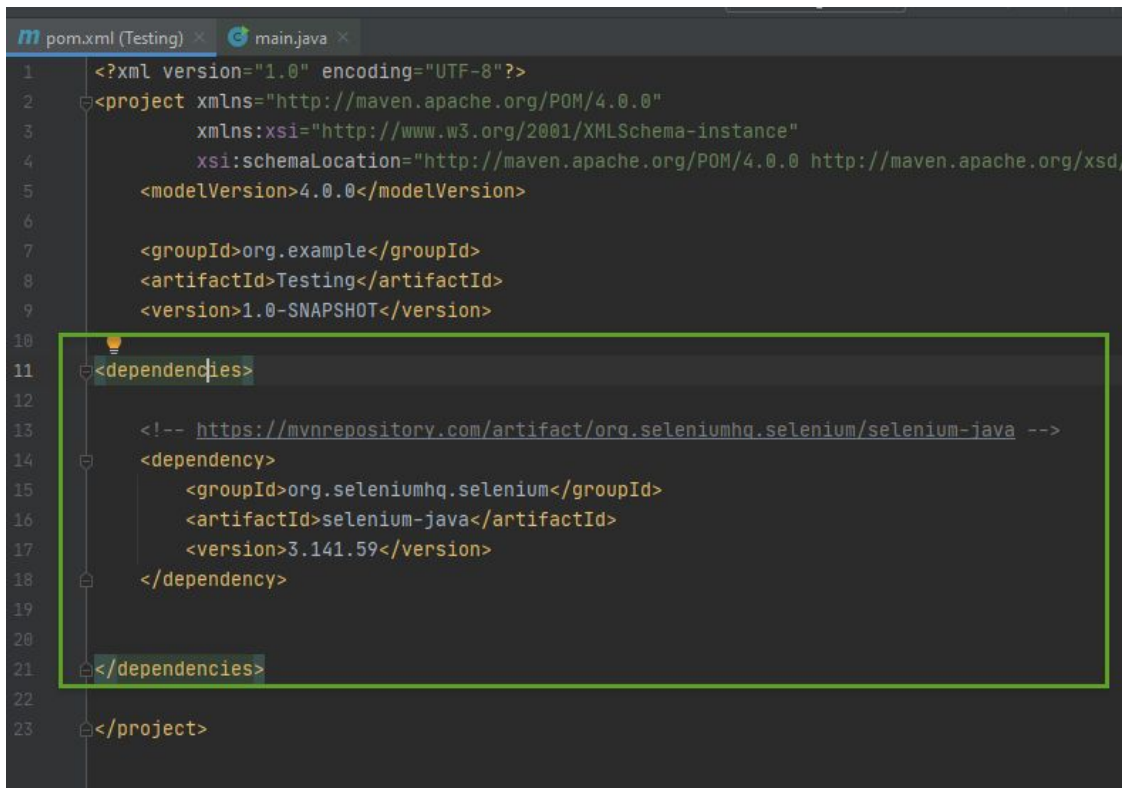Enter project name and Click Finish

Adding Selenium-java Dependency

Selenium java: https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java/3.141.59

1.Open pom.xml file

2. Add maven dependency from above link to pom.xml as displayed below:

Downloading Chromedriver:

Download respective chromedriver, extract it and save it in a folder

Link: https://chromedriver.chromium.org/downloads

Downloading Geckodriver:

Download respective geckodriver, extract it and save it in a folder

Link: https://github.com/mozilla/geckodriver/releases

Some Important Links

1. Software Automation

   https://www.guru99.com/automation-testing.html

2. Test Automation Framework

   https://www.softwaretestinghelp.com/test-automation-frameworks-selenium-tutorial-20/

3. Selenium Suite

   https://www.guru99.com/introduction-to-selenium.html

4. Selenium WebDriver

   https://www.browserstack.com/guide/selenium-webdriver-tutorial#:~:text=Selenium%20WebDriver%20is%20a%20web,choice%20to%20create%20test%20scripts.