**Configuration for UI Automation**

**Steps**

1. Install Java Jdk 1.8 and Apache Maven
2. Install Chrome or Firefox Browser
3. Download Eclipse IDE
4. Import the Project
5. Install TestNG for Eclipse
6. Test Execution

Install Java Jdk 1.8 and Apache Maven

Download and Install the Java 1.8 from below URL’s

<https://www.oracle.com/java/technologies/javase-jdk8-downloads.html>

<https://docs.oracle.com/javase/8/docs/technotes/guides/install/install_overview.html>

Download the Apache Maven from below URL and Extract the Folder

<https://maven.apache.org/download.cgi>

Set the Environment variable like below for Maven

$vim~/.bashrc

$export M2\_HOME=/Users/user1/apache-maven-3.1.1 – Change the Maven version as per download

$export PATH=$PATH:$M2\_HOME/bin

Install Chrome or Firefox Browser

<https://www.google.com/chrome/?brand=CHBD&gclid=Cj0KCQjw17n1BRDEARIsAFDHFezxQwTNcy022qQ47zNsBPzjc8MmtjI8q5WsM9skmwQF6xwfowKSK-IaAvHmEALw_wcB&gclsrc=aw.ds>

<https://www.mozilla.org/en-US/firefox/new/>

Download Eclipse IDE

<https://www.eclipse.org/downloads/packages/release/neon/3/eclipse-ide-java-ee-developers>

Import/Clone the Project to a Folder

Git Repo : [git@github.ibm.com:cloudMatrix-CAM/core-ui-test-automation.git](mailto:git@github.ibm.com:cloudMatrix-CAM/core-ui-test-automation.git)

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A screenshot of a cell phone

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Install TestNG for Eclipse

<https://www.guru99.com/install-testng-in-eclipse.html>

<https://www.seleniumeasy.com/testng-tutorials/how-to-install-testng-step-by-step>

Test Execution

Navigate to project and run below command

mvn clean test

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