**Simple guide for Perfecto**

1. **Pre-condition: you have installed** Eclipse and TestNG, details reference below link.

         Eclipse - [https://eclipse.org/downloads/](https://emea01.safelinks.protection.outlook.com/?url=https%3A%2F%2Feclipse.org%2Fdownloads%2F&data=01%7C01%7CSumitV%40perfectomobile.com%7Ca4100837cf284006900d08d5565427ed%7Cceb4c662d6994e7da0bd272619a46977%7C1&sdata=9RkPUtZfWEiU%2BOyo7DHY6IO3bP6Cz91x6TPbMxHOtTw%3D&reserved=0) - Download “Eclipse IDE for Java EE Developers” 32 or 64 bit depending on the machine

         TestNG - [http://testng.org/doc/eclipse.html](https://emea01.safelinks.protection.outlook.com/?url=http%3A%2F%2Ftestng.org%2Fdoc%2Feclipse.html&data=01%7C01%7CSumitV%40perfectomobile.com%7Ca4100837cf284006900d08d5565427ed%7Cceb4c662d6994e7da0bd272619a46977%7C1&sdata=ju1OzXdgq86OD8AVepXJTHCWbMiUQoyd55xufiqgK0Y%3D&reserved=0)

1. **Pre-Requisite to Access Mobile Testing Cloud, steps as below:**

* Raise a RMS to add the below listed Host Entries.

10.142.162.101 scb.onsite.perfectomobile.com

10.142.162.101 scb.onsite-1.perfectomobile.com

10.142.162.101 scb.onsite-2.perfectomobile.com

10.142.162.101 scb.onsite-3.perfectomobile.com

10.142.162.101 scb.onsite-4.perfectomobile.com

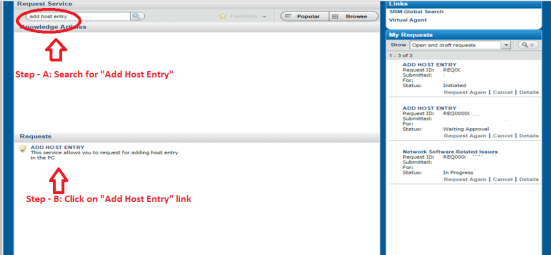
10.142.162.101 scb.onsite-5.perfectomobile.com

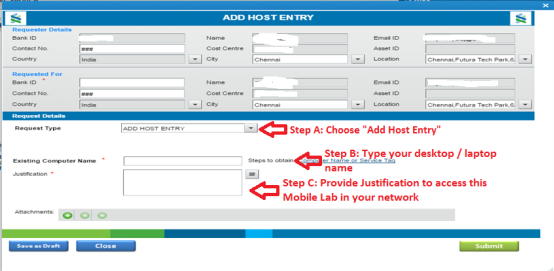
10.142.162.101 scb.onsite-6.perfectomobile.com

10.142.162.101 scb.onsite-7.perfectomobile.com

10.142.162.101 scb.onsite-8.perfectomobile.com

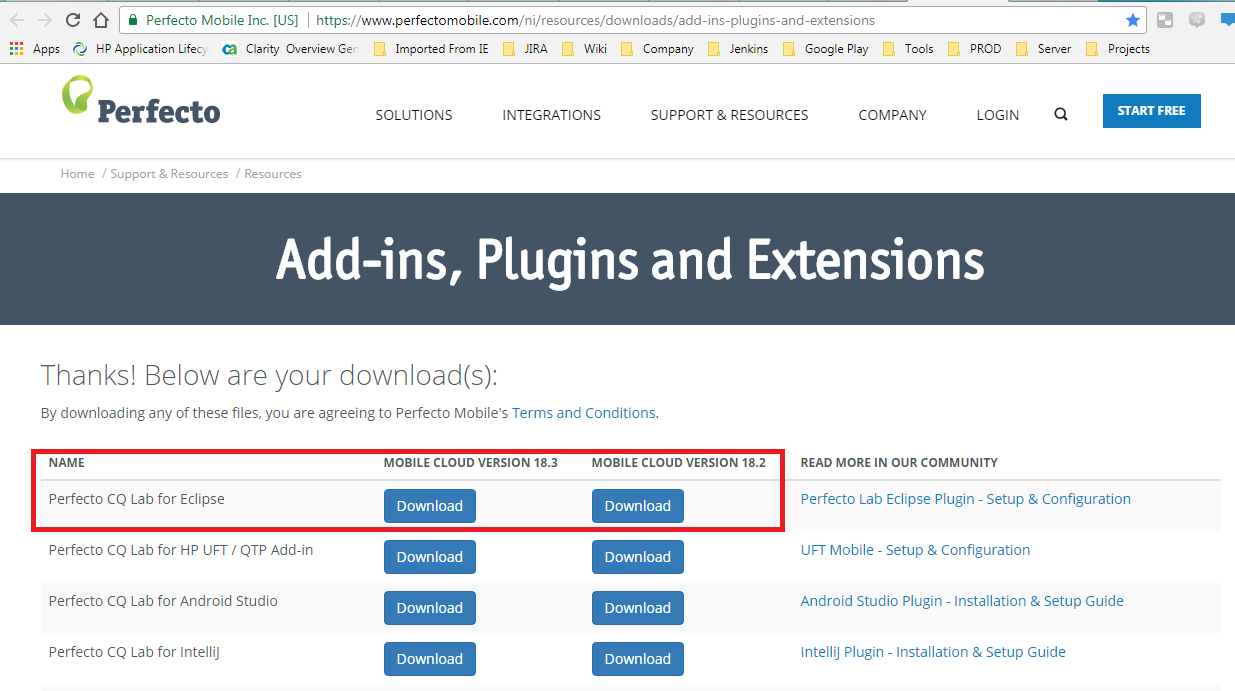
10.142.162.102 scb-sts.onsite.perfectomobile.com



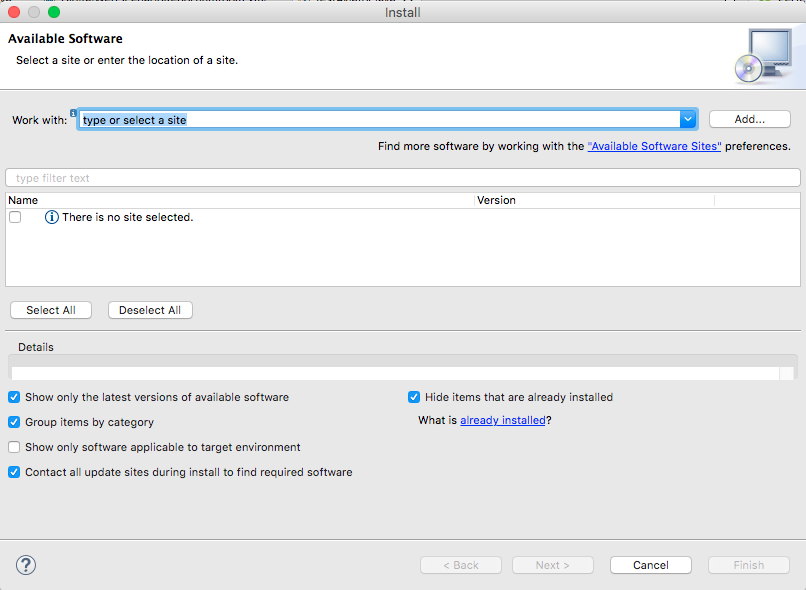


1. **Download Plug-in Perfecto for Eclipse**

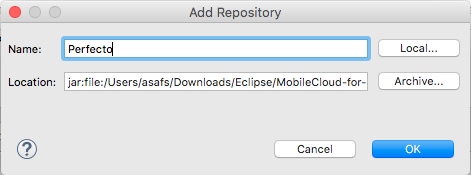
* Please using this link download <https://www.perfectomobile.com/ni/resources/downloads/add-ins-plugins-and-extensions>, since we cannot download from link [https://www.perfectomobile.com/integrations/eclipse](https://emea01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.perfectomobile.com%2Fintegrations%2Feclipse&data=01%7C01%7CSumitV%40perfectomobile.com%7Ca4100837cf284006900d08d5565427ed%7Cceb4c662d6994e7da0bd272619a46977%7C1&sdata=5TgeahsFN1NQQIvm7U5lu2fxOPVL8zOI6fcZehS5SHs%3D&reserved=0)
* Since Perfecto website update the IDE download position, you can download from this link: <https://www.perfecto.io/ides/>



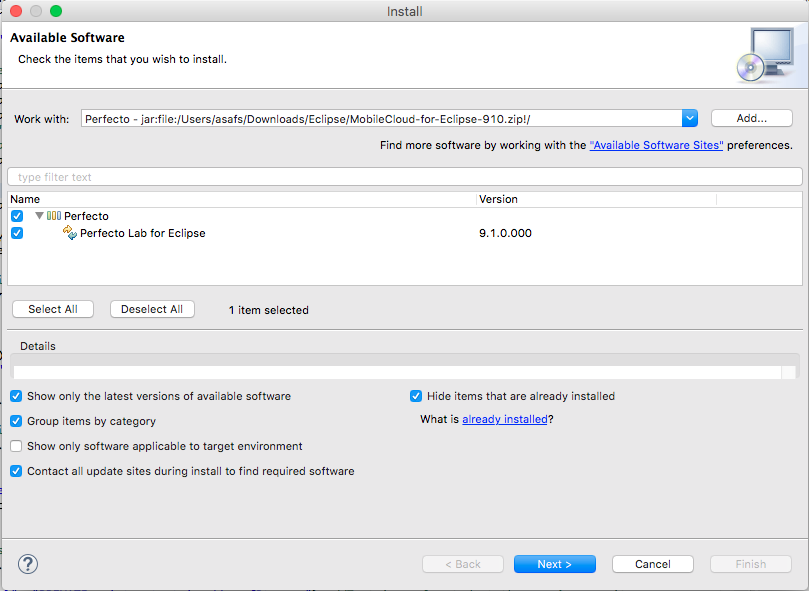
1. **Install Perfecto Plug-in(copied from link** [http://developers.perfectomobile.com/display/PD/Eclipse](https://emea01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fdevelopers.perfectomobile.com%2Fdisplay%2FPD%2FEclipse&data=01%7C01%7CSumitV%40perfectomobile.com%7Ca4100837cf284006900d08d5565427ed%7Cceb4c662d6994e7da0bd272619a46977%7C1&sdata=iSOxvh5yY6dxIm62bhcz%2FOt%2FyN9%2FK7nwNX5iOlQLDuI%3D&reserved=0)**)**
2. From Eclipse, Go to **Help / Install New Software**
3. Click on **Add**, in the *Available Software* window



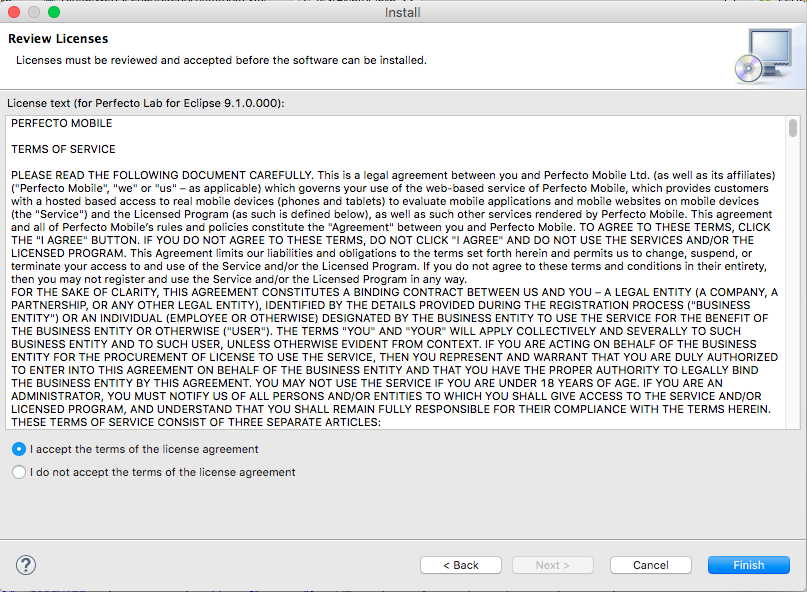
1. In the popup window, click Archive..., a browser window is displayed
2. Browse to the location where downloaded plug-in is saved
3. Name the new Archive: Perfecto and click OK, the Perfecto plug-in appears in the Available Software window.



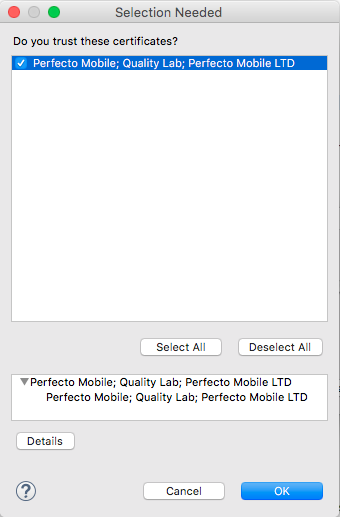
1. Select Perfecto and click Next
2. Click Next again



1. Accept the license agreement and click Finish



1. If prompted, OK the Perfecto Mobile certificate.
2. Restart Eclipse.



1. **Setup Perfecto Lab Connection**

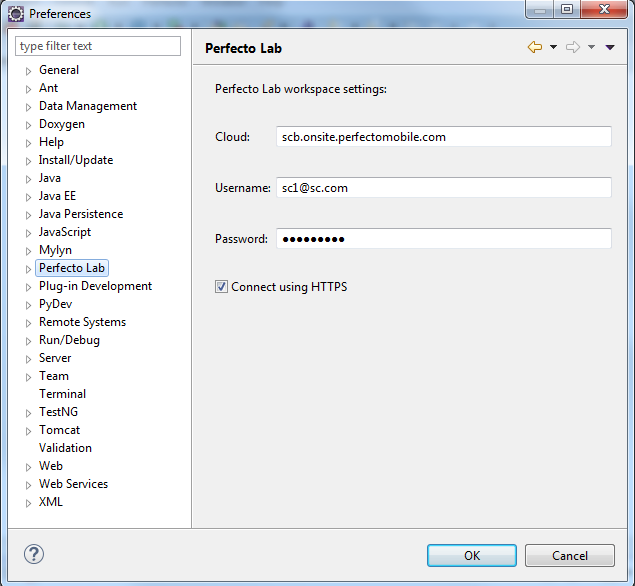
* Open the Eclipse **Preferences** window, by clicking *Window* > *Preferences* in the menu.
* In the left panel of the Preferences window, click ***Perfecto Lab***.
* Provide the name of your Perfecto Lab in the Cloud field and your Perfecto credentials, and click **OK**.

**Note: The configure information only for SCB testing.**

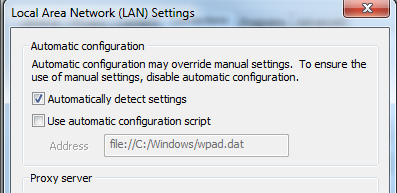
Cloud: scb.onsite.perfectomobile.com

Username: [sc1@sc.com](mailto:sc1@sc.com)

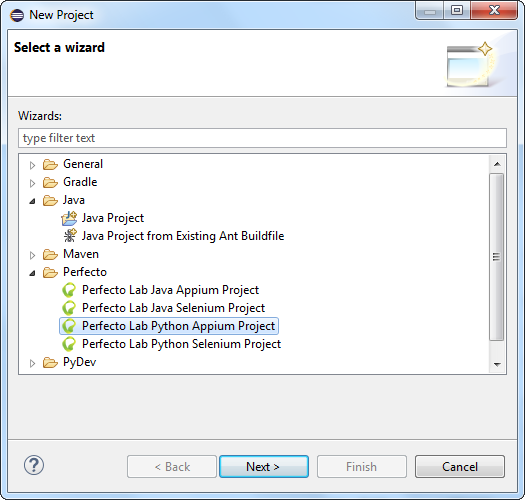
Password: Welcome1!



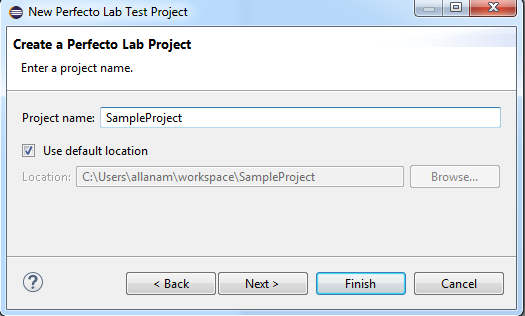
1. **Eclipse should have access to internet (Perform Proxy Configuration if you are behind proxy)**



1. **Starting a New Perfecto Lab Project(**[http://developers.perfectomobile.com/display/PD/Using+Eclipse](https://emea01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fdevelopers.perfectomobile.com%2Fdisplay%2FPD%2FUsing%2BEclipse&data=01%7C01%7CSumitV%40perfectomobile.com%7Ca4100837cf284006900d08d5565427ed%7Cceb4c662d6994e7da0bd272619a46977%7C1&sdata=bi0NC0600V2inX%2BMQqI58cy97UgmvjOeI8lnp04VGxY%3D&reserved=0)**)**
2. Go to **File > New > Project**

****

1. Select either to create a Selenium or Appium project in the language of choice

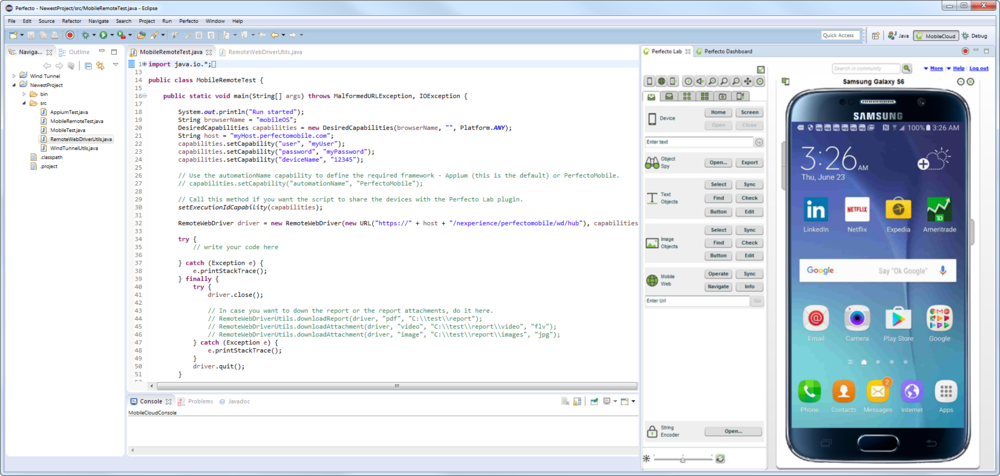
****

1. Provide a **Project name** and click **Finish**.

Writing your test, MobileRemoteTest

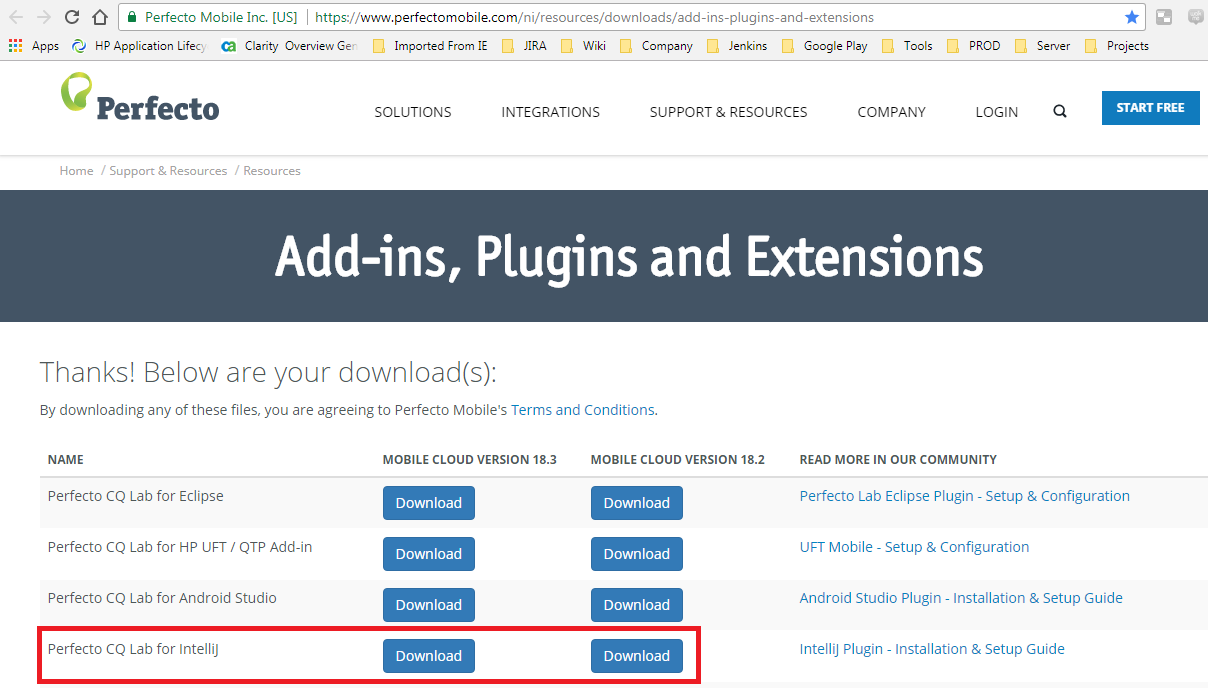
The Perfecto Lab Project in Eclipse provides a template for writing the code, called **MobileRemoteTest.java**. This template includes a section where to include your code.

The code can be developed manually and using code samples; or it can be generated by using the record feature. Some parts can be recorded and others added or edited manually.



1. **We also can add Perfecto plug-in to IntelliJ, details reference below.**
2. Download plug-in

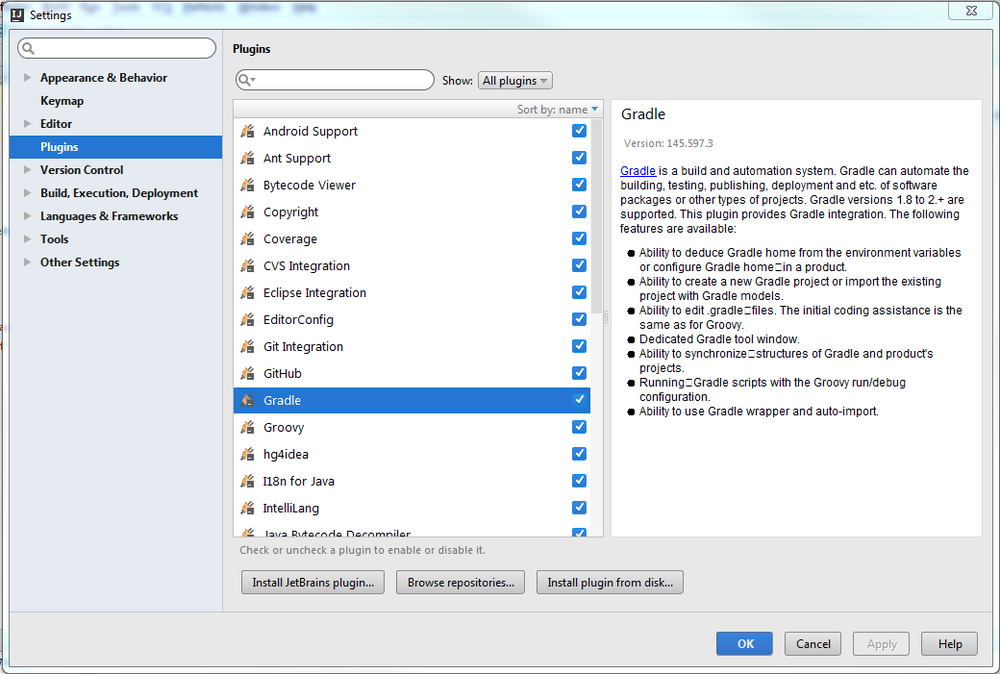
<https://www.perfectomobile.com/ni/resources/downloads/add-ins-plugins-and-extensions>

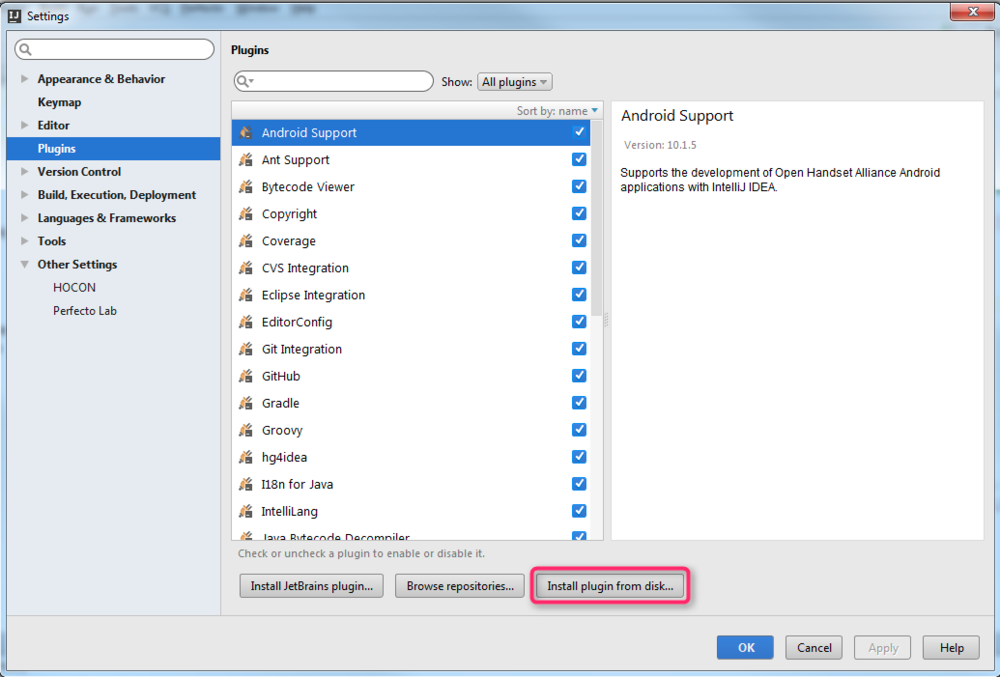
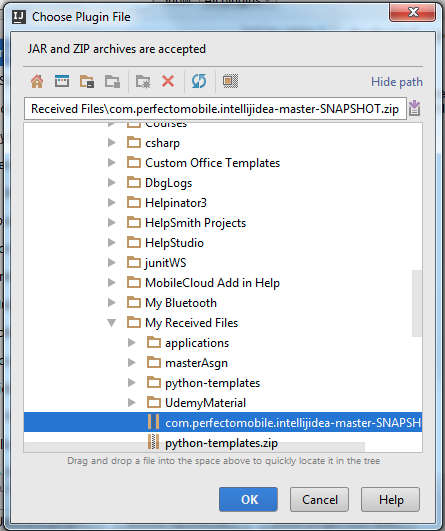


1. Download and Install Perfecto Plugin[**http://developers.perfectomobile.com/display/PD/IntelliJ+IDEA**](http://developers.perfectomobile.com/display/PD/IntelliJ+IDEA)

#### Verify that the Gradle plugin is installed and activated.

If not installed, install from the set of JetBrains plugins.

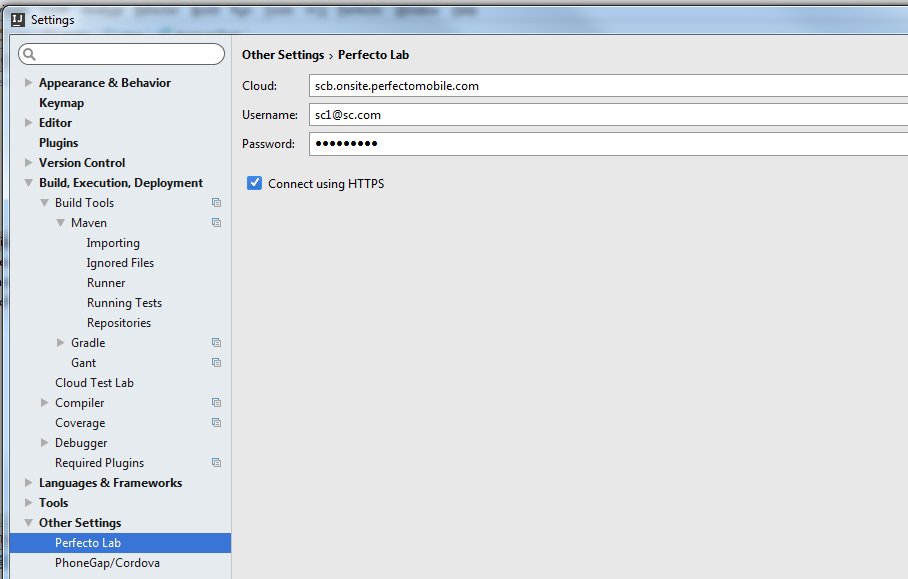
* Open IntelliJ,
* Open the Settings window by selecting **File > Settings...**from the menu.
* Select **Plugins** from the options list.
* Verify that Gradle appears and is checked.  
    
  

* Go to the Jetbrains Plugins [download page](https://plugins.jetbrains.com/plugin/9629-perfecto-continuous-quality-lab-for-intellij-idea) and download the plugin  
  OR  
  Go to the [Perfecto downloads page](https://www.perfectomobile.com/ni/resources/downloads/add-ins-plugins-and-extensions) and save the ***Perfecto CQ Lab for IntelliJ*** to your computer.  
  OR  
  Download the plugin installer from your lab - using the following URL: "http(s)://<your lab>/tools/intellijidea/com.perfectomobile.intellijidea.zip".
* In IntelliJ, go to the Settings dialogue by selecting **File > Settings...**from the menu.
* Select **Plugins** from the options list.
* Click on the **Install plugins from disk ...**button.  
    
  
* Find the zip file that you downloaded, select it, and click **OK**.  
    
  
* Restart IntelliJ.

1. Setup Perfecto Lab Connection

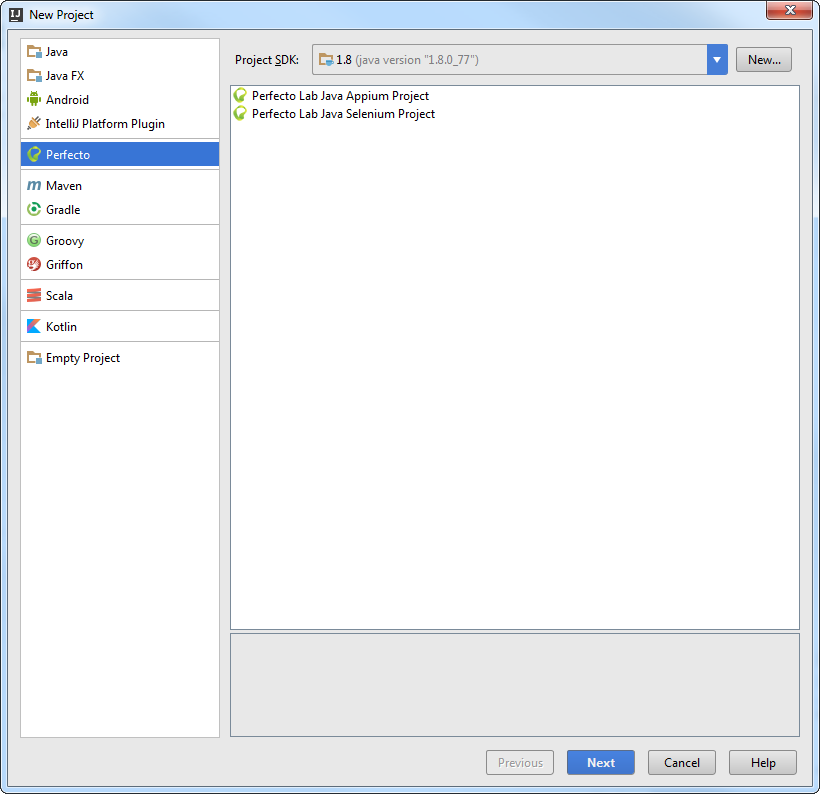
Configure the plugin to connect to your Perfecto account:

* In IntelliJ, go to the Settings dialogue by selecting **File > Settings...**from the menu.
* Select **Other Settings > Perfecto Lab**from the options list.
* In the right panel provide your **Cloud**, **Username**, **Password** information.
* Check the **Connect using HTTPS**checkbox.



[**http://developers.perfectomobile.com/display/PD/IntelliJ+Perfecto+Projects**](http://developers.perfectomobile.com/display/PD/IntelliJ+Perfecto+Projects)

1. IntelliJ Perfecto Projects

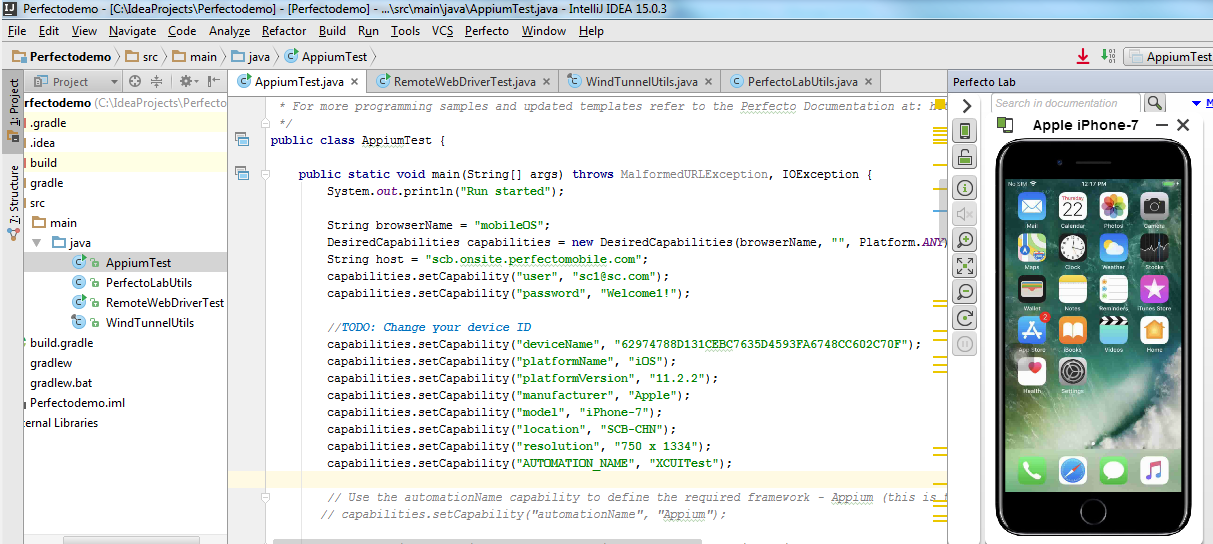
* Create a new IntelliJ project either from:
* The IntelliJ startup page - click on **Create New Project**.
* From inside IntelliJ - Select **File>New>Project...**
* In the New Project dialog:
* Select the ***Perfecto***project type from the left panel.
* Select the installed Java SDK as the **Project SDK**(top right).
* Select either a Selenium or Appium project and click **Next**.  
  
* Verify your cloud connection and credentials and click **Next**.
* Provide a **Project name** and verify the **Project location**, click **Finish**.
* \*\* The Perfecto plugin is designed to work with the Java 1.8 SDK. Verify that you have the latest version of the SDK.

1. Project files

The new project will be created with the following project files in the folder named for the package "com.perfectomobile.intellij.shared" under the src folder:

* ***AppiumTest.java*** or ***RemoteWebDriverTest.java*** - [depending on the project type] - use this file to write your test script.
* ***PerfectoLabUtils.java*** - includes the utility methods to access media and report artifacts.
* ***WindTunnelUtils.java*** - provides methods that support the Wind Tunnel functionality of persona and Wind Tunnel Reports.

Use the Perfecto plugin [recording](http://developers.perfectomobile.com/display/PD/Recording) or code editor to add your code.



======================================================================

Pre-requisites for attendees, should have know-how of:

* Manual Testing
* Test Automation
* Selenium/Appium Basics
* Eclipse
* TestNG

Pre-requisites on Software –

* Eclipse - [https://eclipse.org/downloads/](https://emea01.safelinks.protection.outlook.com/?url=https%3A%2F%2Feclipse.org%2Fdownloads%2F&data=01%7C01%7CSumitV%40perfectomobile.com%7Ca4100837cf284006900d08d5565427ed%7Cceb4c662d6994e7da0bd272619a46977%7C1&sdata=9RkPUtZfWEiU%2BOyo7DHY6IO3bP6Cz91x6TPbMxHOtTw%3D&reserved=0) - Download “Eclipse IDE for Java EE Developers” 32 or 64 bit depending on the machine
* TestNG - [http://testng.org/doc/eclipse.html](https://emea01.safelinks.protection.outlook.com/?url=http%3A%2F%2Ftestng.org%2Fdoc%2Feclipse.html&data=01%7C01%7CSumitV%40perfectomobile.com%7Ca4100837cf284006900d08d5565427ed%7Cceb4c662d6994e7da0bd272619a46977%7C1&sdata=ju1OzXdgq86OD8AVepXJTHCWbMiUQoyd55xufiqgK0Y%3D&reserved=0)
* Perfecto Eclipse Plugin - [https://www.perfectomobile.com/integrations/eclipse](https://emea01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.perfectomobile.com%2Fintegrations%2Feclipse&data=01%7C01%7CSumitV%40perfectomobile.com%7Ca4100837cf284006900d08d5565427ed%7Cceb4c662d6994e7da0bd272619a46977%7C1&sdata=5TgeahsFN1NQQIvm7U5lu2fxOPVL8zOI6fcZehS5SHs%3D&reserved=0) - Scroll down - Click on “Software Downloads” button – Fill out the form and in next window download latest version “Perfecto CQ Lab for Eclipse”
* Installing Perfecto Eclipse Plugin [http://developers.perfectomobile.com/display/PD/Eclipse](https://emea01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fdevelopers.perfectomobile.com%2Fdisplay%2FPD%2FEclipse&data=01%7C01%7CSumitV%40perfectomobile.com%7Ca4100837cf284006900d08d5565427ed%7Cceb4c662d6994e7da0bd272619a46977%7C1&sdata=iSOxvh5yY6dxIm62bhcz%2FOt%2FyN9%2FK7nwNX5iOlQLDuI%3D&reserved=0) and [http://developers.perfectomobile.com/display/PD/Using+Eclipse](https://emea01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fdevelopers.perfectomobile.com%2Fdisplay%2FPD%2FUsing%2BEclipse&data=01%7C01%7CSumitV%40perfectomobile.com%7Ca4100837cf284006900d08d5565427ed%7Cceb4c662d6994e7da0bd272619a46977%7C1&sdata=bi0NC0600V2inX%2BMQqI58cy97UgmvjOeI8lnp04VGxY%3D&reserved=0)
* Eclipse should have access to internet (Perform Proxy Configuration if you are behind proxy)

Pre-Requisite to Access Mobile Testing Cloud

* Raise a RMS to add the below listed Host Entries.

10.142.162.101 scb.onsite.perfectomobile.com

10.142.162.101 scb.onsite-1.perfectomobile.com

10.142.162.101 scb.onsite-2.perfectomobile.com

10.142.162.101 scb.onsite-3.perfectomobile.com

10.142.162.101 scb.onsite-4.perfectomobile.com

10.142.162.101 scb.onsite-5.perfectomobile.com

10.142.162.101 scb.onsite-6.perfectomobile.com

10.142.162.101 scb.onsite-7.perfectomobile.com

10.142.162.101 scb.onsite-8.perfectomobile.com

10.142.162.102 scb-sts.onsite.perfectomobile.com