

GETTING STARTED

Getting the Code

The Test Results Analyzer Plugin uses a Github repository to host its code. This repository is located here:

<https://github.com/jenkinsci/test-results-analyzer-plugin>

The code can be retrieved by cloning the GitHub repository, this can be done by running the git command:

```
git clone https://github.com/jenkinsci/test-results-analyzer-plugin
```

Or by using a git GUI of your choice.

IDE Setup

Once you have the code downloaded locally to your machine you will want to setup the Test Results Analyzer Plugin project for use with an IDE, this guide will give specific instructions for IntelliJ IDEA 15 however instructions for getting setup with other version or IDEs should be very similar.

Importing into IntelliJ

First start by launching IntelliJ IDEA, once started select "File -> Project -> Project From Existing Sources..." from the top menu.

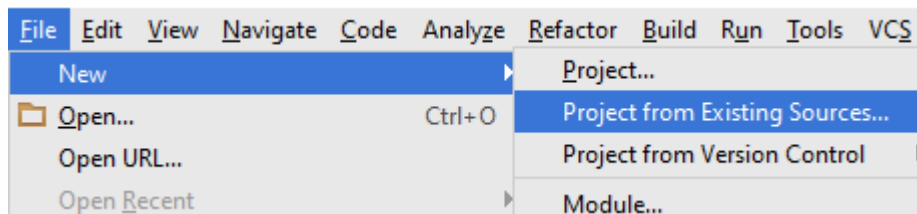


Figure 4.2.1: Import project

If you are launching IntelliJ IDEA for the first time and are greeted by a welcome screen, instead select "Import Project".



Figure 4.2.2: Import project

After selecting you should see a folder browser dialog asking you to select the location of the project you wish to import:

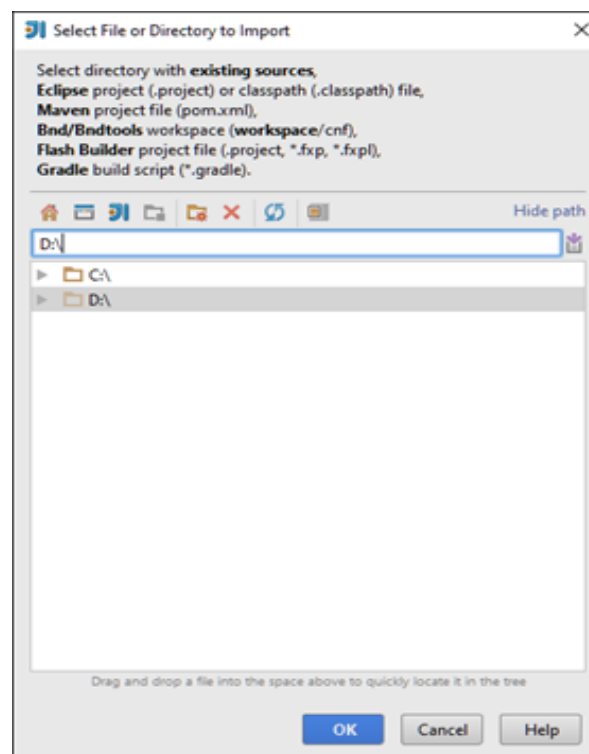


Figure 4.2.3: Folder Selection

Select the test-results-analyzer-plugin folder in the location where you checked it out from GitHub.

Once selected, an Import Project dialog should appear, select the radio option “Import project from external model” and chose Maven as the model.

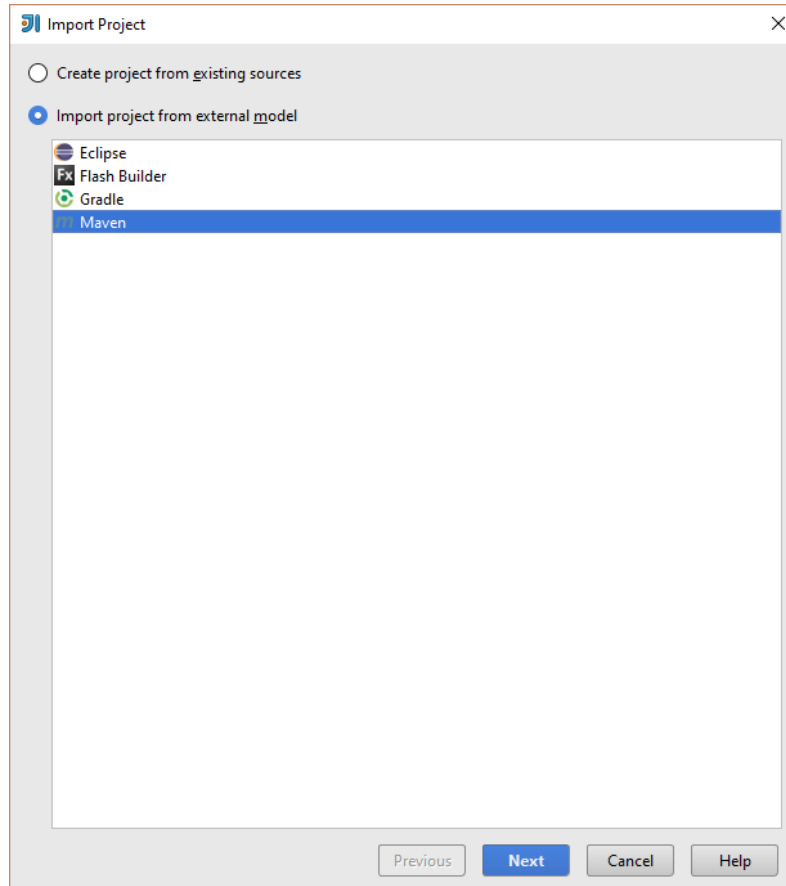


Figure 4.2.3: Choose Maven Model

Select all the defaults and click “Finish”.

After a few minutes while IntelliJ loads and compiles the project, you should see the src directory appear on your project window.

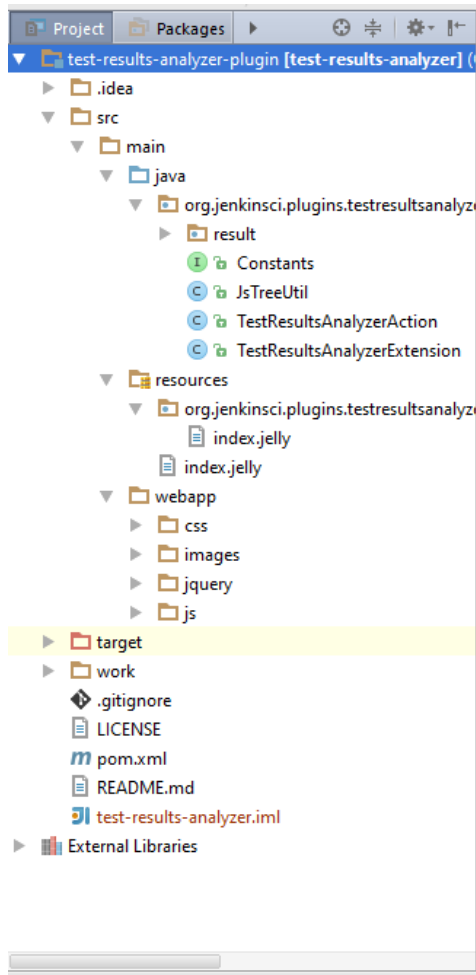


Figure 4.2.4: File Tree View

4.3 Running the Plugin

To run the plugin and deploy a temporary development server, run the following Maven command:

mvn hpi:run

You can also create run configuration in IntelliJ which will allow you to debug your plugin.

This can be done by selecting “Run -> Edit Configurations”, this will take you to a menu where you can create a new Run Configuration. Create a new Maven Configuration and give it the “Command line” parameter of “**hpi:run**”.

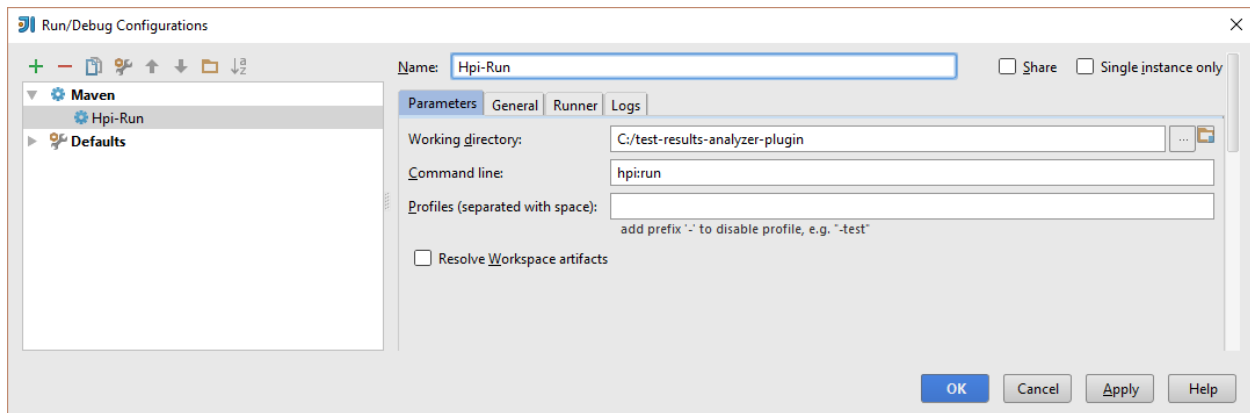


Figure 4.3: Setup Run Configurations for Maven Project

Now the plugin can be run or debugged in IntelliJ. Note that breakpoints will not be hit in javascript or jelly files.

4.4 Running Tests

To run tests run the following Maven command:

mvn test

4.5 Packaging

To create package to upload to your Jenkins server run the following Maven command:

mvn install

This should create a test-results-analyzer.hpi file under your target folder which can be uploaded to any Jenkins server.

Further Information

For further information please refer to the Jenkins plugin wiki found here:

<https://wiki.jenkins-ci.org/display/JENKINS/Plugin+tutorial>