Gradle & TestNG & Jenkins Setup - CI Automation

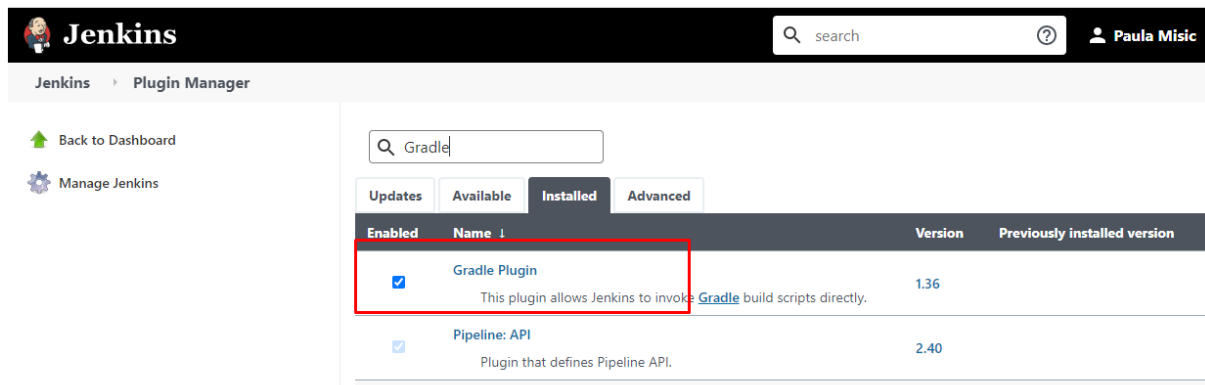1. Download Jenkins from https://www.jenkins.io/

Jenkins Setup

Jenkins is running on: http://localhost:8080/
Please ensure to install the Gradle Jenkins plugin before creating a Jenkins job.
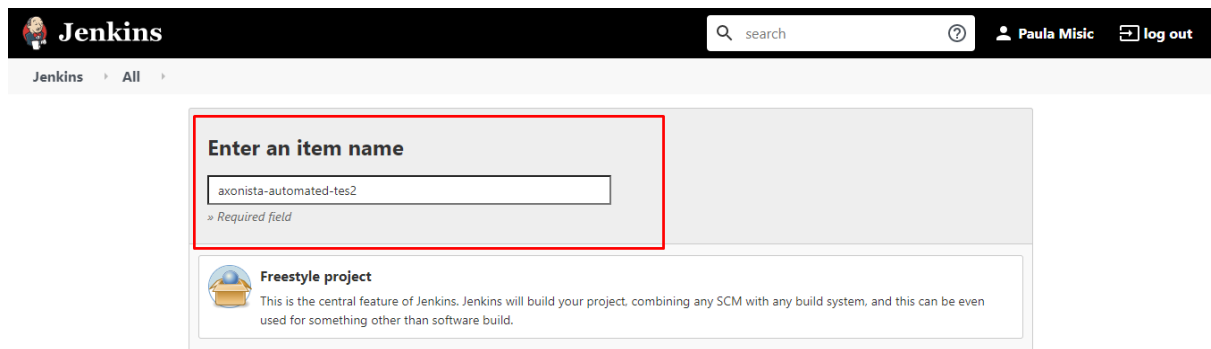You can install the plugin directly in jenkins -> Plugin Manager -> Available and type in Gradle.
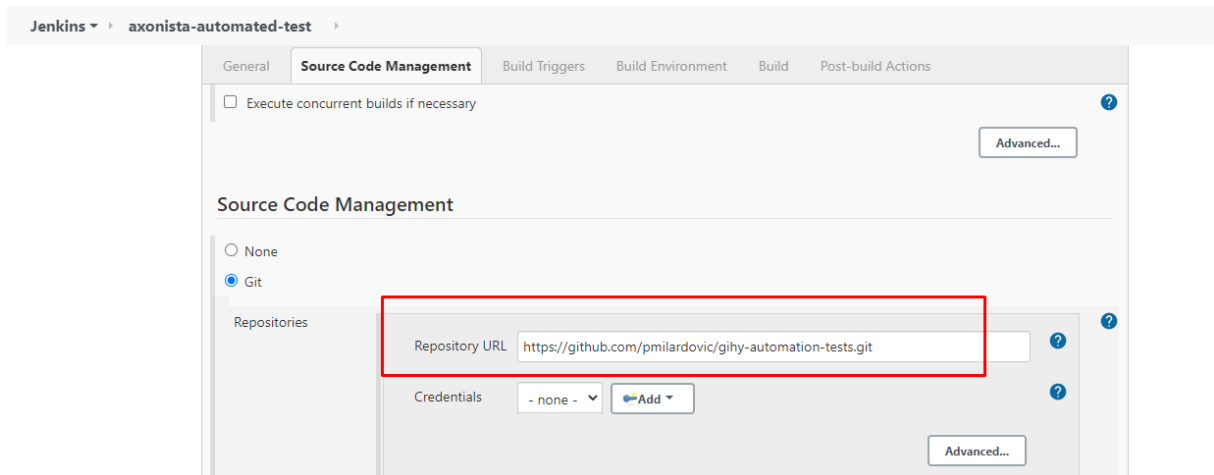 Install the gradle plugin as shown below

Jenkins Job

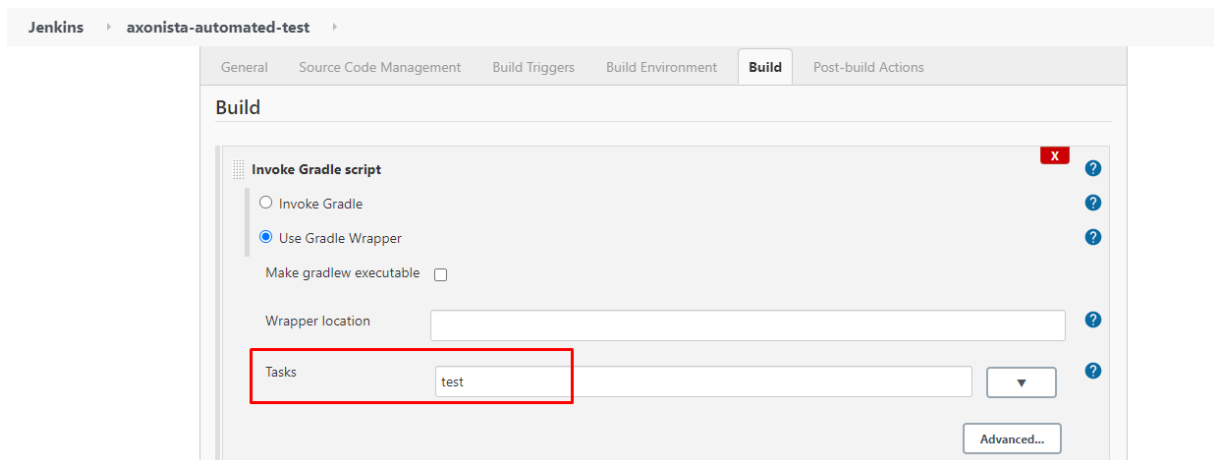Creating a Gradle Jenkins Job. Create a new "Freestyle project" job and click ok as shown below.

In the Source Code Management Section select 'Git' and enter the repository URL and Save.

In the build section, add step 'Invoke Gradle Script', select Use Gradle Wrapper'.
Under 'Tasks' write test.
Save.

Navigate to the Jenkins job and click 'Build Now'.

In Build History, select the current running build and choose Console Output on the left. The Console Output will contain the complete text log of output from the execution.

Example of my running tests can be found in the folder GiphyProject/JenkinsRun video