

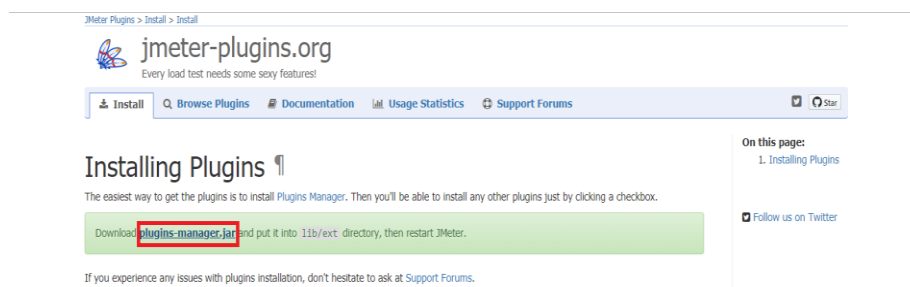
Implementation of Selenium with JMeterController

1: Problem statement for Processors, Assertions and Timers

- Objective: Implement Selenium with JMeter for a particular domain
- Steps involved:
 1. Set up JMeter.
 2. Create a test plan.
 3. Add thread group.
 4. Record the scripts.
 5. Install WebDriver plugin.
 6. Write Selenium scripts in WebDriver.
 7. Run the scripts and view the results.

2: Solution for the problem statement

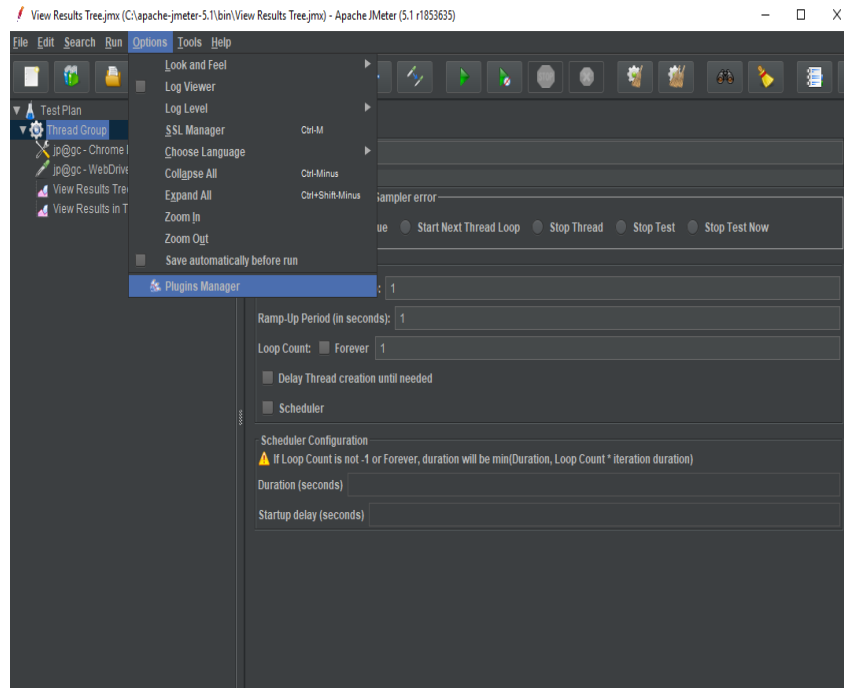
1. Migrating plugins manager to JMeter.
 - Download WebDriver plugins for JMeter.
 - Download JMeter Plugin from "<https://jmeter-plugins.org/install/Install/>".



- Unzip JMeterPlugins-WebDriver 1.1.3 (version is default).
- The unzipped files must be copied to the lib folder -> ext folder of JMeter.

2. Installing WebDriver plugin

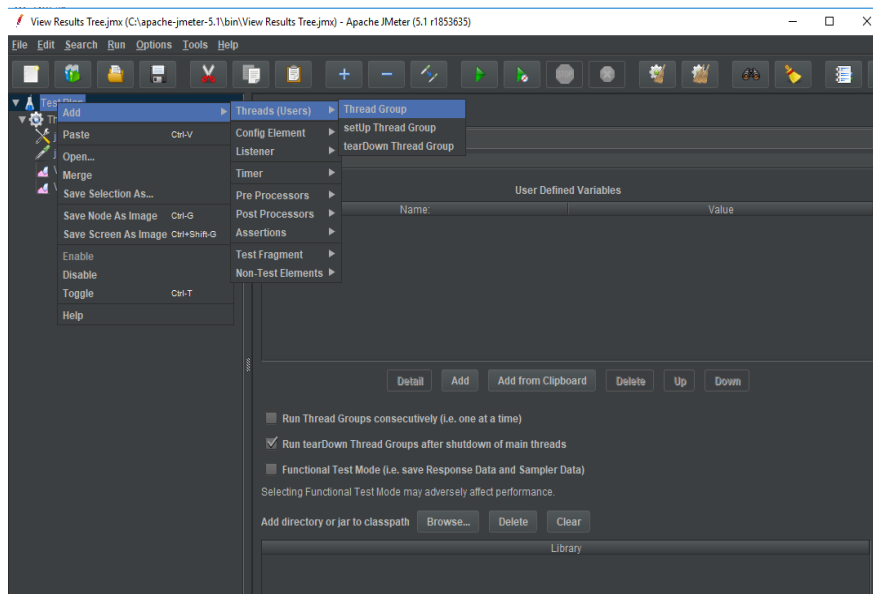
- Click on options -> click on plugins manager.



- Click on Available plugins -> click on Selenium/Web Driver Sampler.
- Click on the Restart and install button. (JMeter will automatically restart.)
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- Click on the Restart and install button.(JMeter will automatically restart.)

3. Writing your Selenium script.

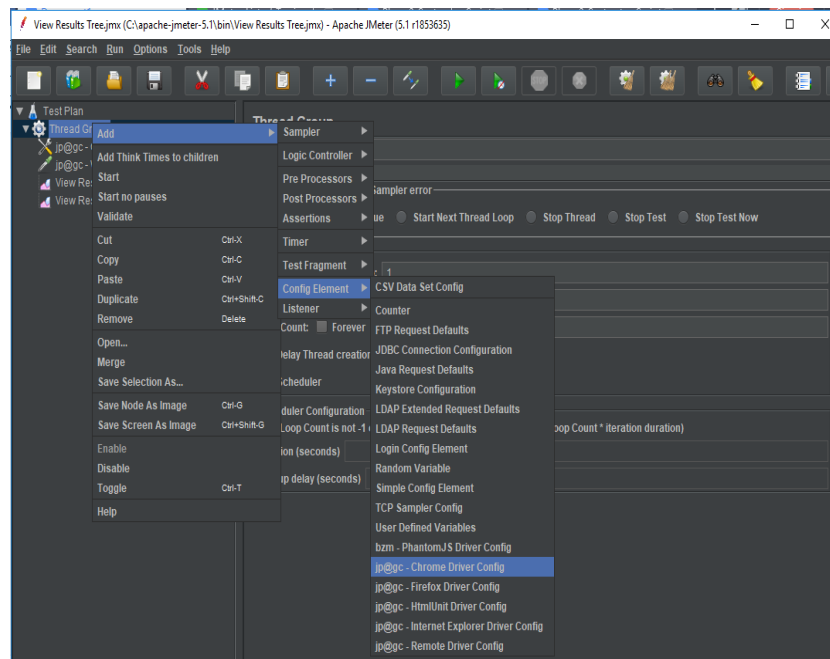
- Right click on the Test Plan.
- Click on Add -> Thread(Users)->Thread Group.



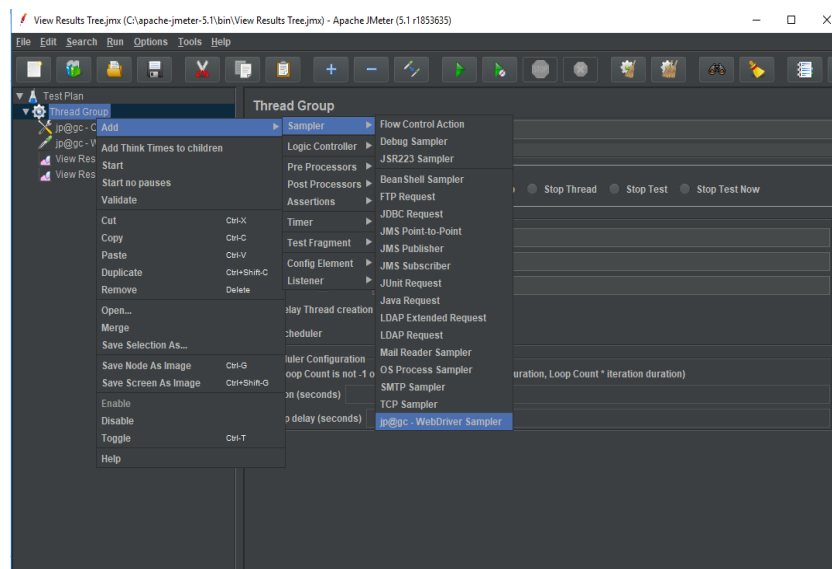
- Right click on Thread Group.
- Click on Add -> Config Element->jp@gc Chrome Driver Config.

You can also use Firefox driver.

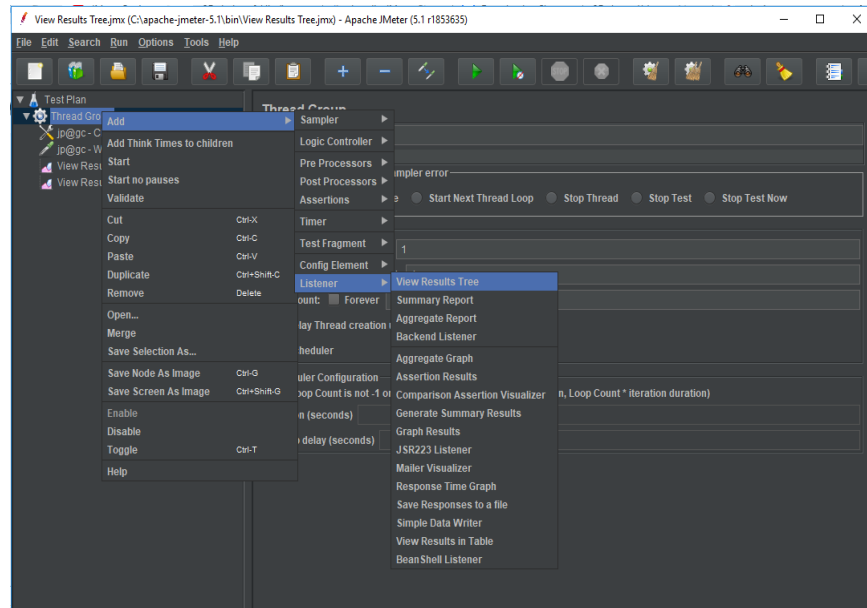
- Click on Add ->Config Element ->jp@gc Firefox Driver Config.



- Right click on Thread Group.
- Click on Add -> Sampler->jp@gc Web Driver Sampler.

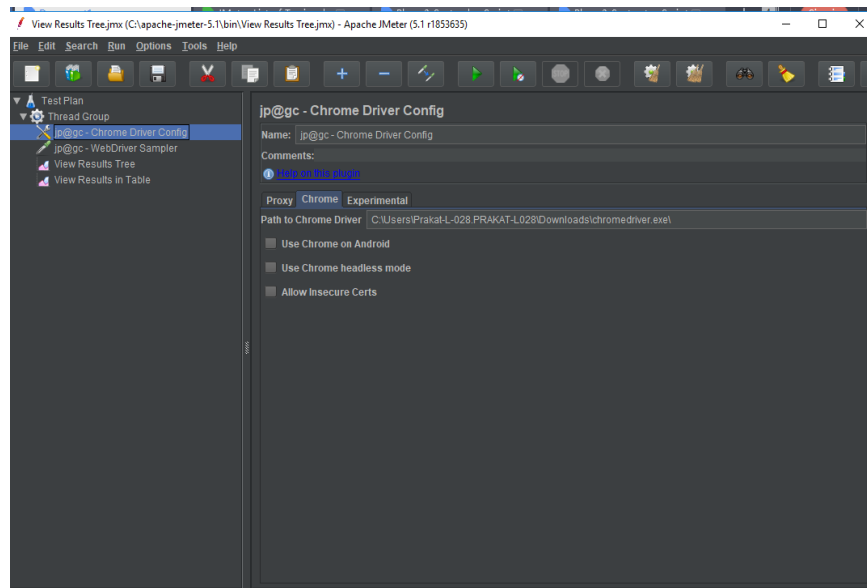


- Right click on Thread Group.
- Click on Add -> Sampler->Listener-> View Results in Tree.

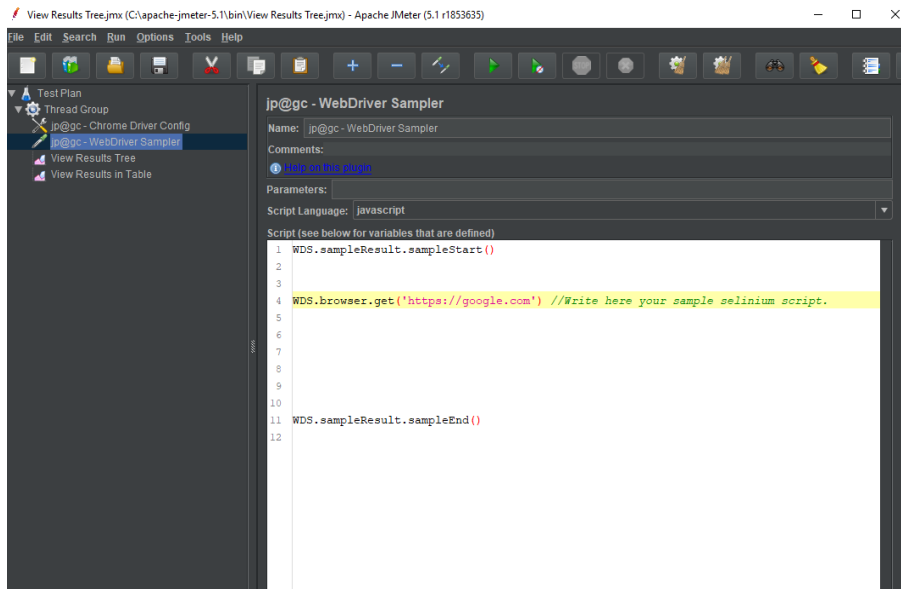


4. Running WebDriver tests in JMeter

- Click on jp@gc Chrome Driver Config.
- Enter your Chrome driver path.
- You can also use Firefox Driver Config.
- Enter your Firefox driver path.



- Click on jp@gc Web Driver Sampler.
- Write your Selenium script.



- Run the script.
- View the results in “View Results Tree”.