**Jmeter test script creation**

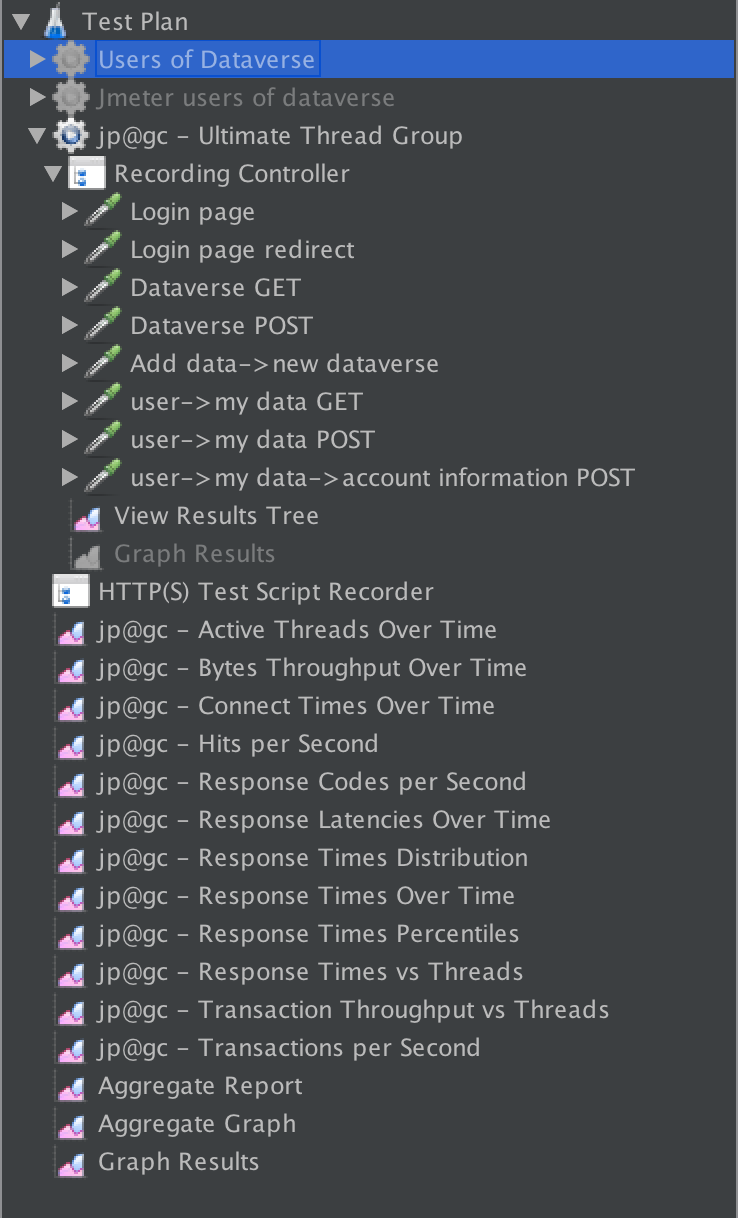
Note : Please install Jmeter and the Firefox web browser before proceeding with creating the test script.

**Configure Firefox to use Jmeter Proxy.**

Steps:

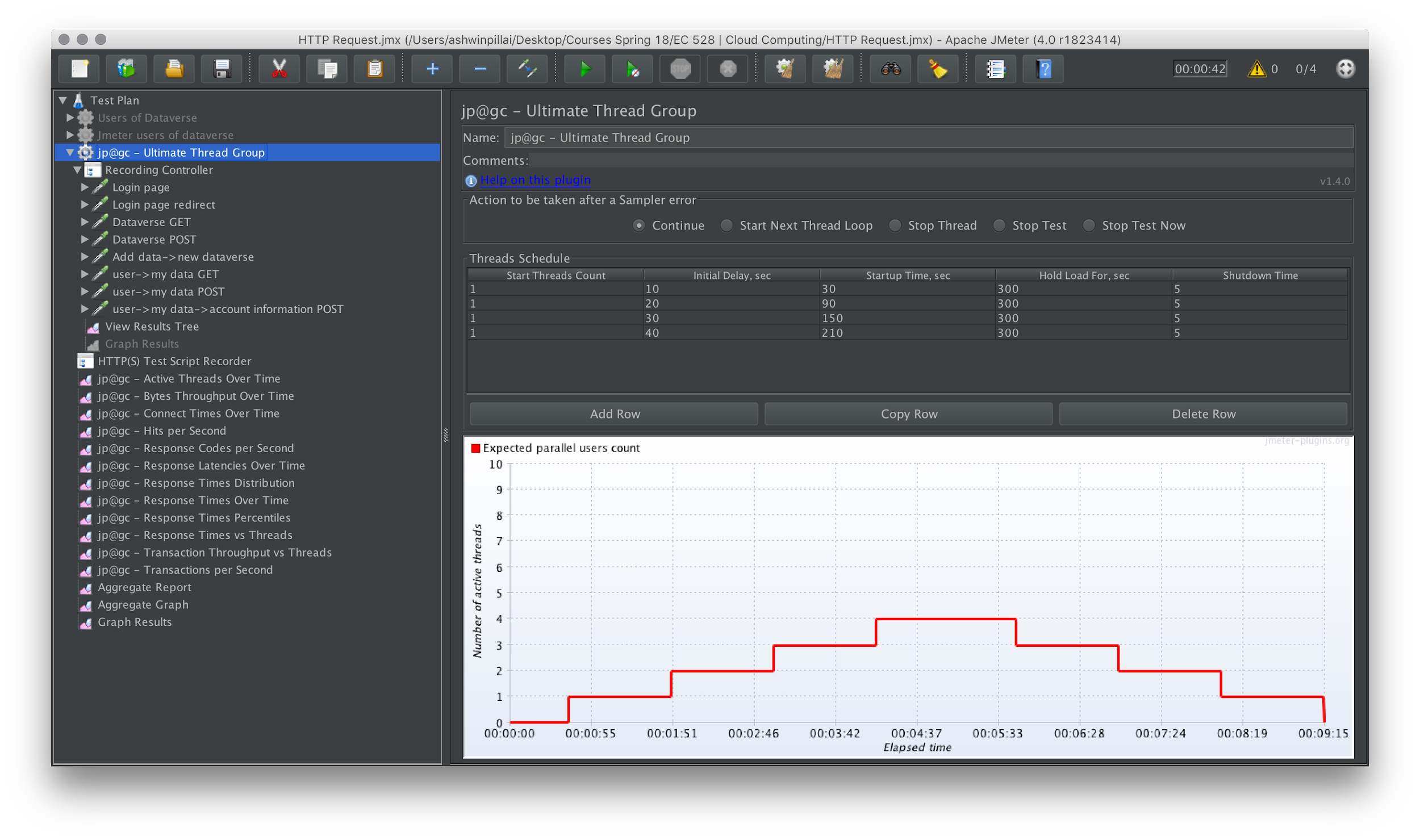
1. Open Firefox
2. Go to the Preferences menu
3. Click on the Advanced tab
4. Then Network tab
5. In the "Connection" section, click on "Settings"
6. Select the "Manual proxy configuration" radio button
7. Set HTTP Proxy to "localhost" and Port to "8080"
8. Check "Use this proxy server for all protocols"
9. Click OK and exit the Preferences menu

The components in the test script as can be seen on Jmeter are -

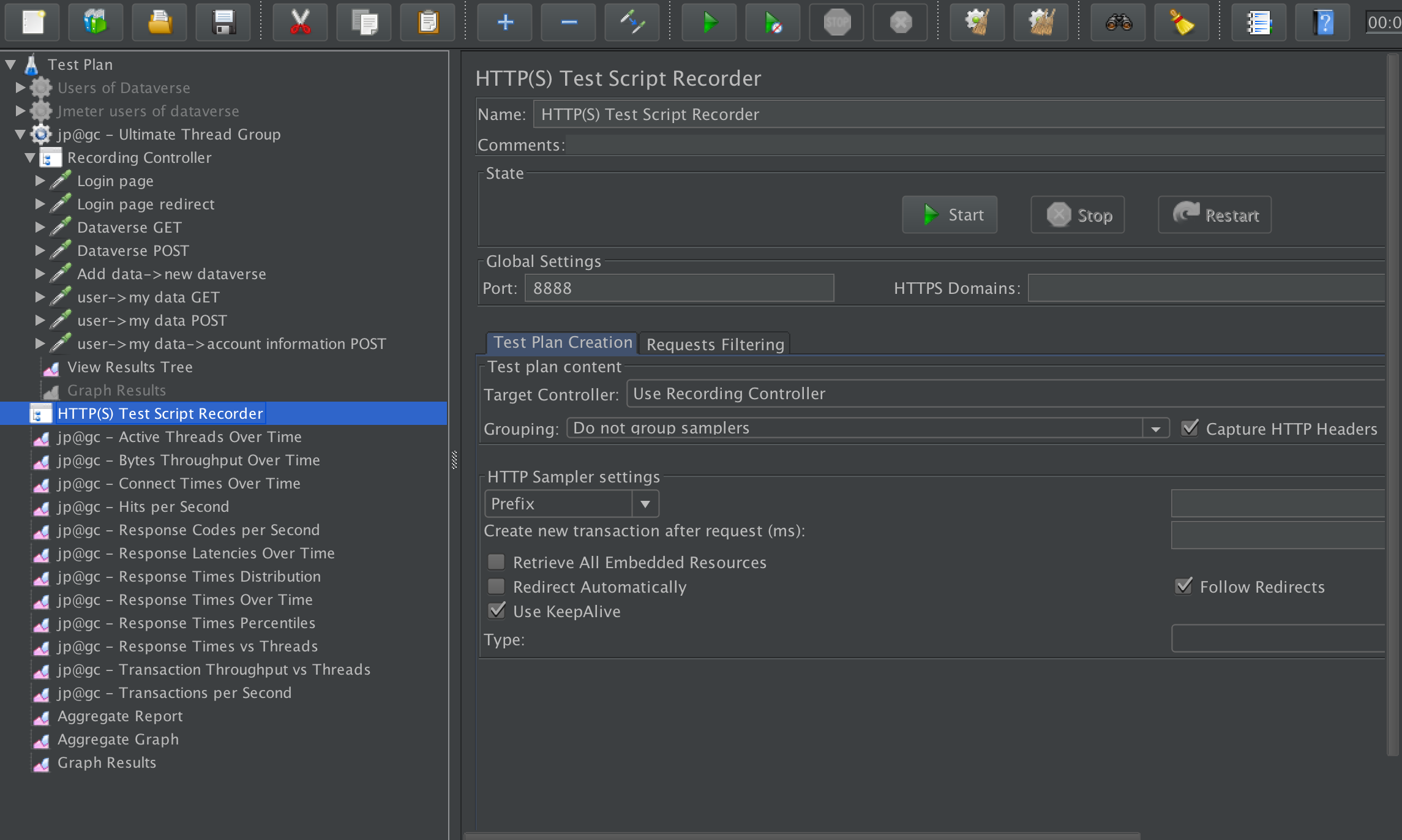


To modify the test plan to add more users or change the interval in which users perform HTTP requests on the web server, you can modify “Threads Schedule” on the settings page of the “jp@gc - Ultimate Thread Group” thread.

The graph shows how the test adds virtual users to the testing process. This screenshot shows a step load way of adding and removing users from the test.



The screenshot below shows what the Test Script Recorder looks like. Press Start to start recording HTTP requests from the Firefox web browser connected to the internet through the Jmeter proxy on the localhost.



Note: When Firefox is configured to use JMeter's Script Recorder as a proxy, it will only work properly if the Script Recorder is running.

In Firefox, go to the login page of Dataverse and start performing actions/clicks of whatever you would want the virtual users to do. (HTTP requests to the web server will be recorded by the HTTP(s) Test Script Recorder)

After performing the actions you want the virtual users to perform then click Stop on the settings page of HTTP(s) Test Script Recorder to stop the recording of HTTP requests being performed through Firefox.

You will be able to notice a lot of sample HTTP requests that have been generated after the recording or being generated during the recording.

Click on the “View Results Tree” listener. Click the Play button on the toolbar to start the test.



Various listeners are populated with data once the test starts running.