

How to run JMeter test from command line ? (Non-GUI mode)

Why we need to use command line ?

- 1) GUI mode uses lot of resources such as memory/cpu, hence GUI mode is not recommended for heavy load testing.
- 2) Command line is helpful in integrating with CI/CD (Github, Jenkins etc)

Steps for Windows machine:

Steps:

Step 1: open command prompt

Step 2: Go to jmeter bin folder in command line

Syntax: `cd location_of_Jmeter_bin_folder`

example: `cd /Users/vish/Documents/Softwares/apache-jmeter-5.6.2/bin`

Step 3: Execute the command to run the test script

Syntax:

`jmeter -n -t [location of your jmeter test script] -l [result file location]`

Example:

`jmeter -n -t "/Users/tvish/Documents/Softwares/Jmeter_Project_works/TestPlanCmdDemo.jmx"`

Steps for MAC machine:

Steps to execute:

Step 1: Open Terminal

Step 2: Go to Jmeter bin folder

Syntax: `cd location_of_Jmeter_bin_folder`

Example: `cd /Users/vish/Documents/Softwares/apache-jmeter-5.6.2/bin`

Step 3: Run the command to execute the test script

Syntax:

`sh jmeter.sh -n -t [path to test script jmx file] -l [path to result file]`

Example:

```
sh jmeter.sh -n -t "/Users/vishwa/Softwares/Test Scripts and  
Test Data/Test PlanCommandLineDemo.jmx" -l  
"/Users/vishwa/Softwares/Test Scripts and Test  
Data/Results/testResult.csv"
```

Meaning :

`-n` = non GUI mode

`-t` = location Jmeter test script

`-l` = location of result file

To get help on Jmeter commands on MAC, use the command : **`sh jmeter -h`**

To get help on Jmeter commands on Windows, use the command : **`jmeter -h`**