

2023 – Learn JMeter By Examples

Session 1 – What You Will Learn

Performance TEST LabCN @DanielLovePerf

17th March, 2023



Performance Testing Goal?

But How ?

→ **Setup Monitor** then Trigger the Test

→ KPIs Observation

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→ Bottleneck Analysis then Performance Tuning

What You Will Learn



Installation
JMeter GUI
Start First Script
Main KPIs
Plugins Manager
Dataset
Functions & variables
Record script
Regular Expression Extractor
REST Testing
DB Testing
FTP Testing

Concurrent Testing Group
Logic control,
BeanShell PreProcessor
Timer
Distributed testing
...
Real Scenario Testing
Command line
HTML report

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Beginner Level



[Series 1]:
Learn JMeter By Examples

Big Data Testing Basis
Architecture
Framework
...
Real Scenario Testing

[Series 2]: Monitor & Analysis

Perf Monitor Basis
CPU
Memory
Disk
Network
Monitor Tool
...
Real Scenario Testing

Master Level

[Series 3]: BigData Testing

A Real Scenario

Login → Create User →

Only Once Like:

- 1 Thread
- 1 Loop

Login

Username : Admin
Password : admin123

Username

Password

Login

[Forgot your password?](#)

Load Admin Page → Search This User → Search All Users →

Thread Properties

Number of Threads (users): 5

Ramp-up period (seconds): 1

Loop Count: ☐ Infinite 5

☒ Same user on each iteration

☐ Delay Thread creation until needed

☐ Specify Thread lifetime

Duration (seconds):

Startup delay (seconds):

Round 1:

- 5 Threads
- 5 Loops

Thread Properties

Number of Threads (users): 5

Ramp-up period (seconds): 1

Loop Count: ☒ Infinite

☒ Same user on each iteration

☐ Delay Thread creation until needed

☒ Specify Thread lifetime

Duration (seconds): 300

Startup delay (seconds):

Round 2:

- 5 Threads
- 300 s (5 min)

Delete Created User & Logoff

Only Once Like:

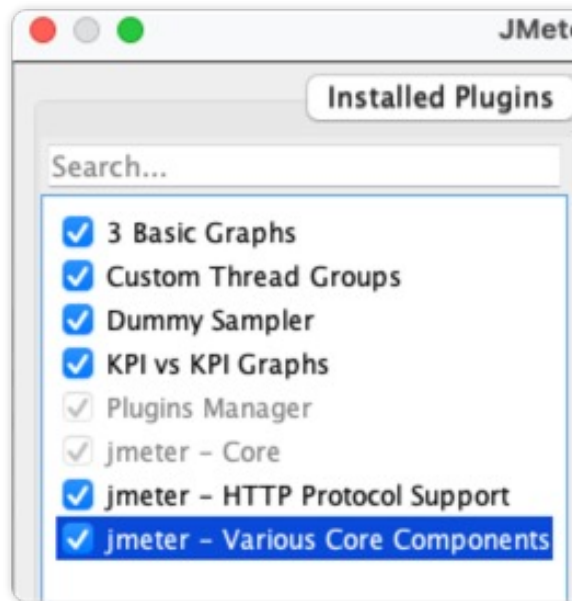
- 1 Thread
- 1 Loop

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Jmeter Scripts Used In Each Session



Install recommended plugins, then you can open these scripts correctly.



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main

2023_Learn_Jmeter_By_Examples / JMX_Scripts /



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Section_1_Script_Installation.jmx

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Section_2_Script_Intro.jmx

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Section_3_Script_FirstProject.jmx

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Section_6_Script_FuncVariablest.jmx

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Section_7_Script_Record.jmx

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Section_8_Script_RegExp.jmx

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Section_9_Script_RealScenario.jmx

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notes.txt

Create notes.txt

Next Session: How To Install JMeter

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Thank
You!

YouTube channel:

[Performance Test LabCN](#) [@DanielLovePerf](#)

GitHub Link:

https://github.com/DanielLovePerf/2023_JMeter_Full_Course.git

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