

2023 – Learn JMeter By Examples

Session 6 – CSV Data Set Config

Performance TEST LabCN @DanielLoveTEST

19th April 2023



- ✓ **Filename:** the path to the CSV file containing the data,
- ✓ **File Encoding:** can be *UTF-8* for example. The character encoding affects how the file is read,
- ✓ **Variable Names:** comma-delimited list of names, should be equal number of names than columns in CSV file.

Example: login, password.

- ✓ **Ignore First Line:** false by default, whenever to ignore the first line as value (because it may contain the column names),
- ✓ **Delimiter:** , by default, can be set to anything else. Suggestion: stick with the default one,
- ✓ **Allow Quoted Data:** false by default, set to true if you have double quotes in CSV columns,
- ✓ **Recycle on EOF:** true by default, should JMeter restart from the beginning when the End Of File is reached,
- ✓ **Stop Thread on EOF:** stops the current thread gathering the value if EOF is reached,
- ✓ **Sharing Mode:** defines how values are distributed among concurrent threads.

YouTube channel: @DanielSteviePerf

Thread Properties

Number of Threads (users): 3

Ramp-up period (seconds): 1

Loop Count: ☐ Infinite 2

Sharing Mode: All Threads

CSV Data:

Line1: Daniel,1000,18

Line2: Karen,2000,28

Line3: Jim,3000,38

Thread 1



Thread 2



Thread 3



YouTube channel: @DanielLove

Thread Properties

Number of Threads (users): 3

Ramp-up period (seconds): 1

Loop Count: ☐ Infinite 2

Sharing Mode: **Current Thread**

CSV Data:

Line1: Daniel,1000,18



Line2: Karen,2000,28



Line3: Jim,3000,38



YouTube channel: @DanielLovePerf

Thread Properties

Number of Threads (users): 3

Ramp-up period (seconds): 1

Loop Count: ☐ Infinite 2

Thread Group 1 , Thread Group 2

Sharing Mode: Current Thread Group

CSV Data:

Line1: Daniel,1000,18



Line2: Karen,2000,28



Line3: Jim,3000,38



Sharing Mode: Edit

Thread Group 1: 'SharedWithThreadGroup1and3'

Thread Group 2: 'All threads'

Thread Group 3: 'SharedWithThreadGroup1and3'

YouTube channel: @DaniellOverPerf

What would happen?

Most Frequently Used Functions

Name	Comment
<u>threadNum</u>	get thread number
<u>time</u>	return current time in various formats
<u>counter</u>	generate an incrementing number
<u>Random</u>	generate a random number
<u>RandomString</u>	The RandomString function returns a random String of length using characters in chars to use.
<u>StringFromFile</u>	read a line from a file
<u>FileToString</u>	read an entire file
<u>CSVRead</u>	read from CSV delimited file

Thank
You!

YouTube channel:

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

YouTube channel: @DanielLovePerf

GitHub Link:

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