## 2023 – Learn JMeter By Examples

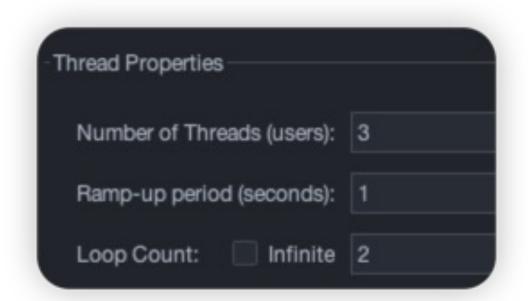
Session 6 – CSV Data Set Config

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
- 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.



**Sharing Mode: All Threads** 

#### **CSV Data:**

Line1: Daniel, 1000, 18

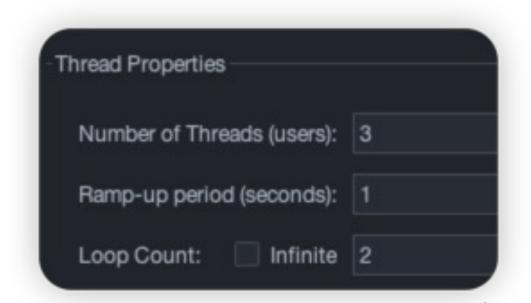
**Line2:** Karen, 2000, 28





Line3: Jim,3000,38

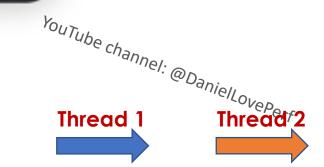




**Sharing Mode: Current Thread** 

#### **CSV Data:**

Line1: Daniel, 1000, 18





**Line2:** Karen, 2000, 28

Thread 1

Thread 2

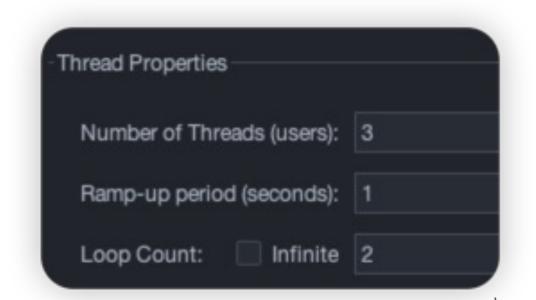
Thread 3

**Line3:** Jim,3000,38

Thread 1

Thread 2

Thread 3



Thread Group 1, Thread Group 2

**Sharing Mode: Current Thread Group** 

#### **CSV Data:**

**Line1:** Daniel, 1000, 18

TG1\_Thread\_1

YouTube channel: @Danie/LovePerfTG1\_Thread 1

TG2\_Thread 1

**Line2:** Karen, 2000, 28

TG1\_Thread 2

TG2\_Thread 2

TG1\_Thread 2

TG2 Thread 2

**Line3:** Jim, 3000, 38

TG1\_Thread 3

TG2\_Thread 3

TG1\_Thread 3

**TG2** Thread 3

### **Sharing Mode: Edit**

**Thread Group 1:** 'SharedWithThreadGroup1and3'

Thread Group 2: 'All threads' 'Vou Tube channel: @Daniell & SharedWithThreadGroup1and&'enf

What would happen?

## Most Frequently Used Functions

Name	Comment
<u>threadNum</u>	get thread number
<u>time</u>	return current time in various formats
counter	generate an ingrementing number
Random	generate a vingrementing number  generate a random number generate a random number generate a random number generate a random number generate generate a random number generate generat
RandomString	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
CSVRead	read from CSV delimited file

# Thank

#### YouTube channel:

<u>Performance Test LabCN</u> @DanielLoveTEST

YouTube channel: @DanielLovePerf

You!

GitHub Link:

https://github.com/DanielLovePerf/2023\_JMeter\_Full\_Course.git