2023 – Learn JMeter By Examples

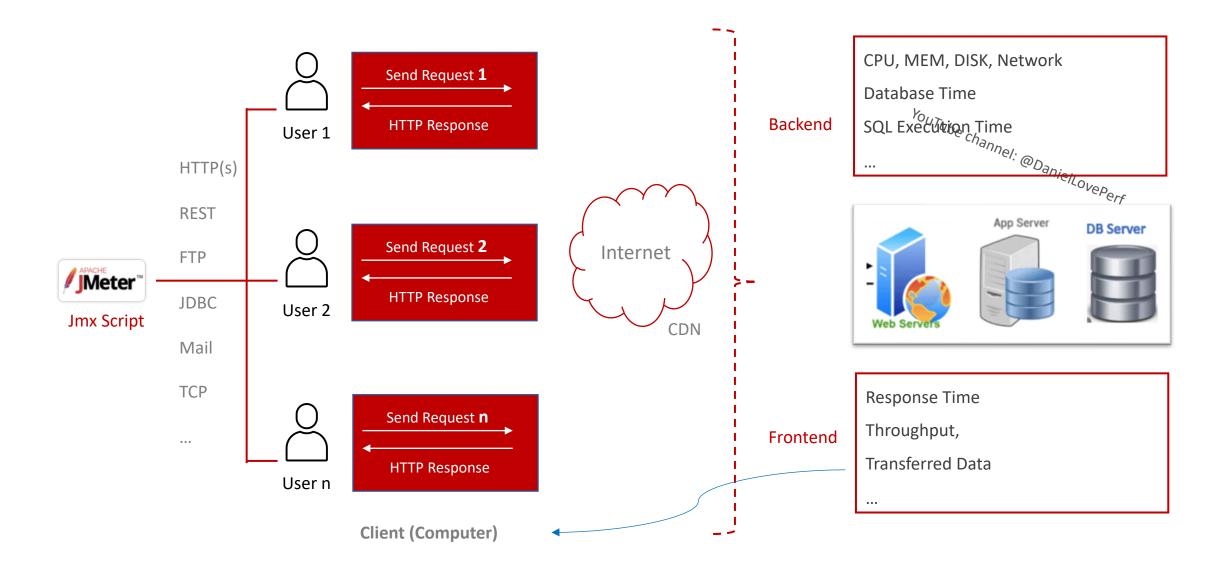
Session 2 – JMeter GUI Intro.

Performance TEST LabCN @DanielLovePerf

25th March, 2023

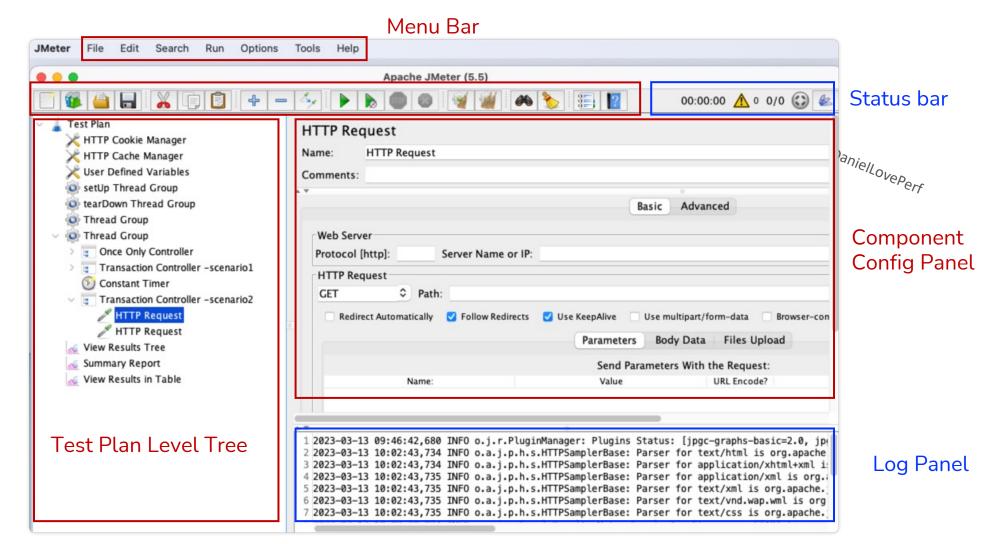


How JMeter Works



JMeter GUI Structure

Tool Bar



Tips of JMeter GUI

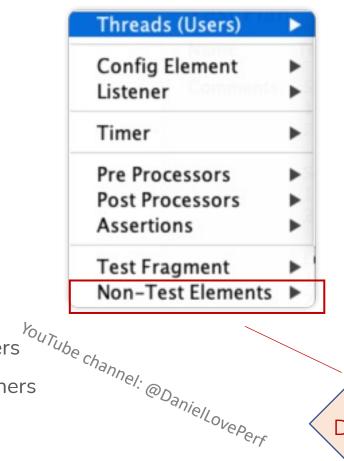
Commonly Used Features:

- Expand / Collapse All
- Global Search/Replace: Ctrl + F
- Reset Search
- Function Helper Dialog
- Debug Sampler
- Log Viewer Panel

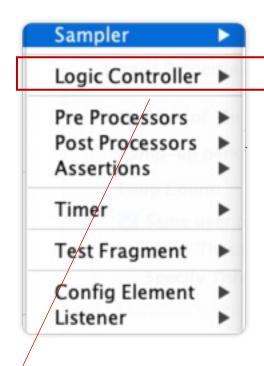
Easily Confused Elements:

- Stop: Stop Immediately
- Shutdown: Stop Gradually
- Clear: Clear data in slected Listeners
- Clear All: Clear data from all Listeners and log panel

Test Plan Level

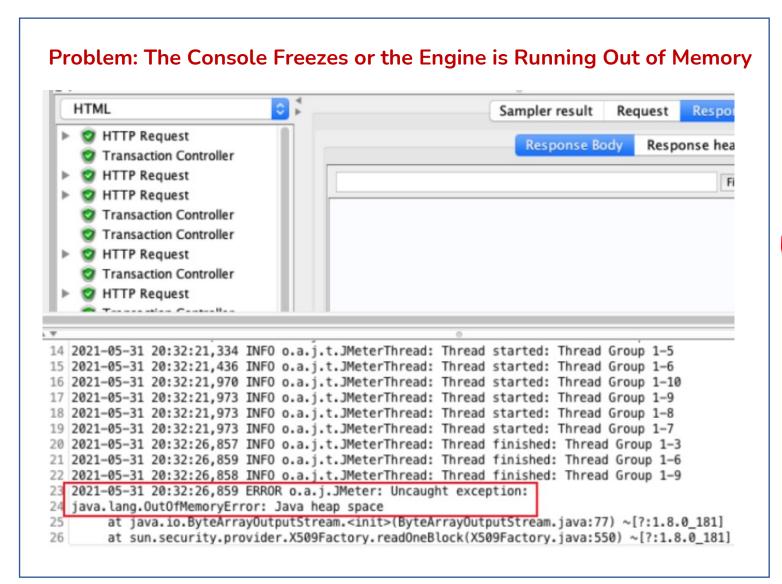


Thread Group Level



Differences

JMeter Console Freeze



How to debug:

- Check CPU Usage
- Run script under command mode
- Using Distributed Architecture



Suggestions:

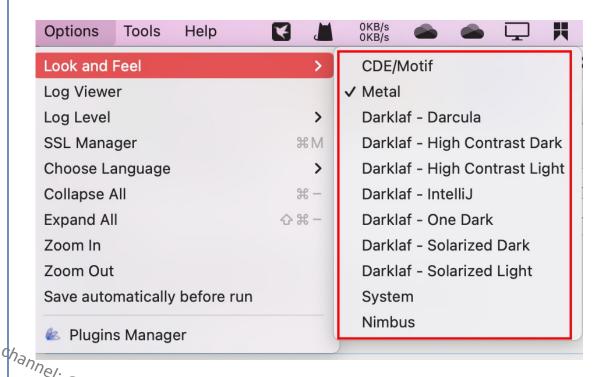
- Use the GUI console for script development and debugging only.
- Use the GUI console for small loads (<50 simultaneous users).

'Paste' Doesn't Work

Problem:

Sometimes, you copy/paste elements without issues, but it doesn't work when you try to copy/paste a text.

Just change 'Look and Feel' to others, 'Metal' You Tube of the Annel: @Daniellove Perf



'Replace or Replace All' Doesn't Work

Problem:

Replace All doesn't work

Solution:

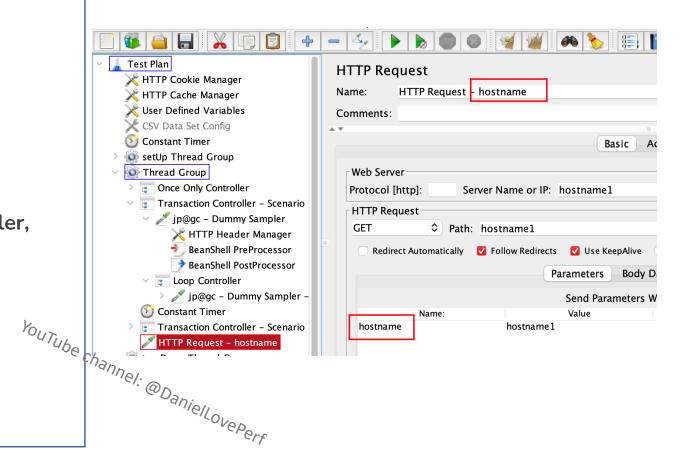
Replacement is limited to certain elements

(Header Manager, HTTP Request, AjpSampler,

AccessLogSampler). Examples (not work):

- Dummy Sampler
- Name of JMeter elements

- ..



Suggestions & Rules

- 1) Always Use the Latest JMeter Version
- 2) Use the Non-GUI Mode to Run Large Scale Test



- 3) Add the Cookie Manager (unless your app specifically doesn't use cookies)
- 4) Filter Out Irrelevant Requests When Using the HTTP(S) Test Script Recorder
- 5) Include User Variables
- 6) Avoid Scripting Wherever Possible. Try using JMeter's built-in test elements and functions.

YouTube channel: @Danielloveperf

Next Session: Start First Script



YouTube channel:

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





GitHub Link:

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