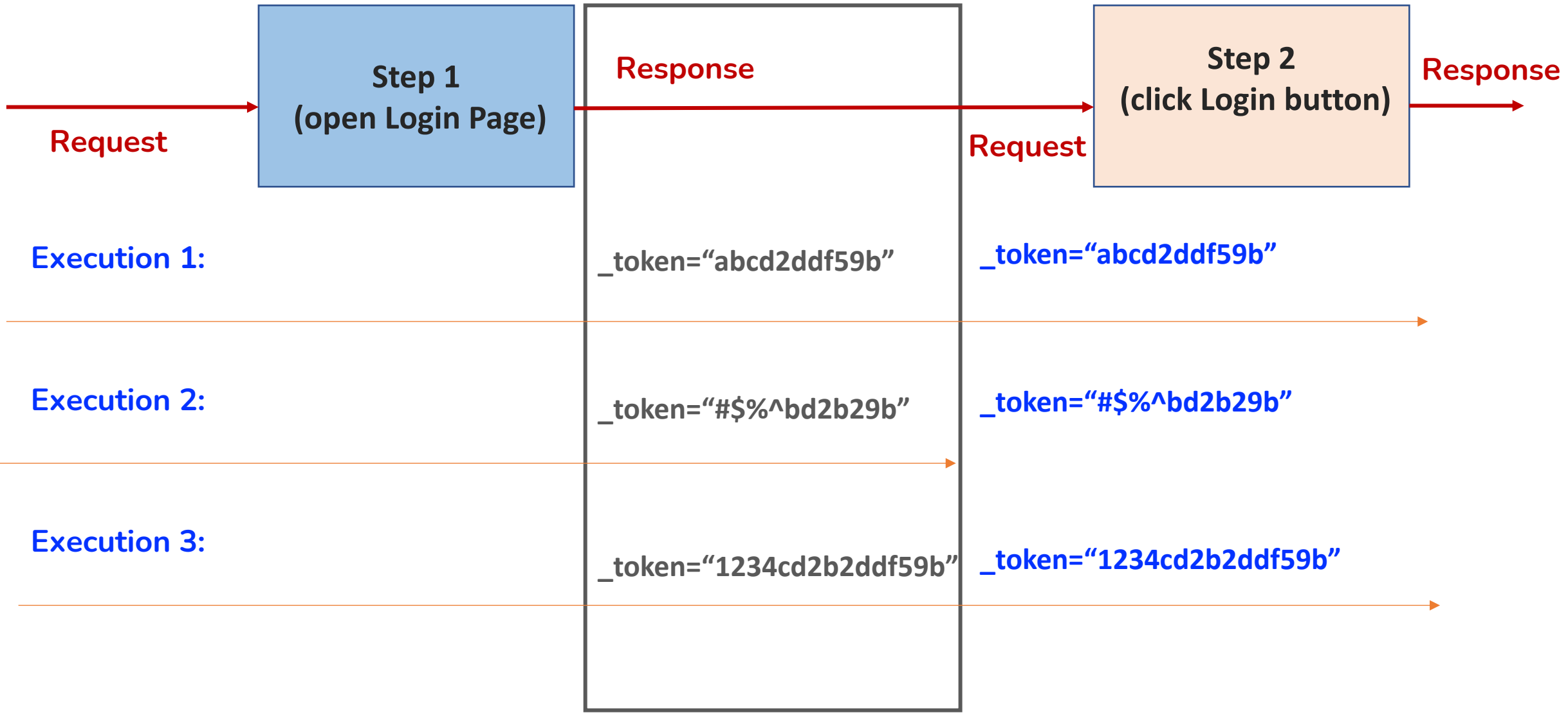
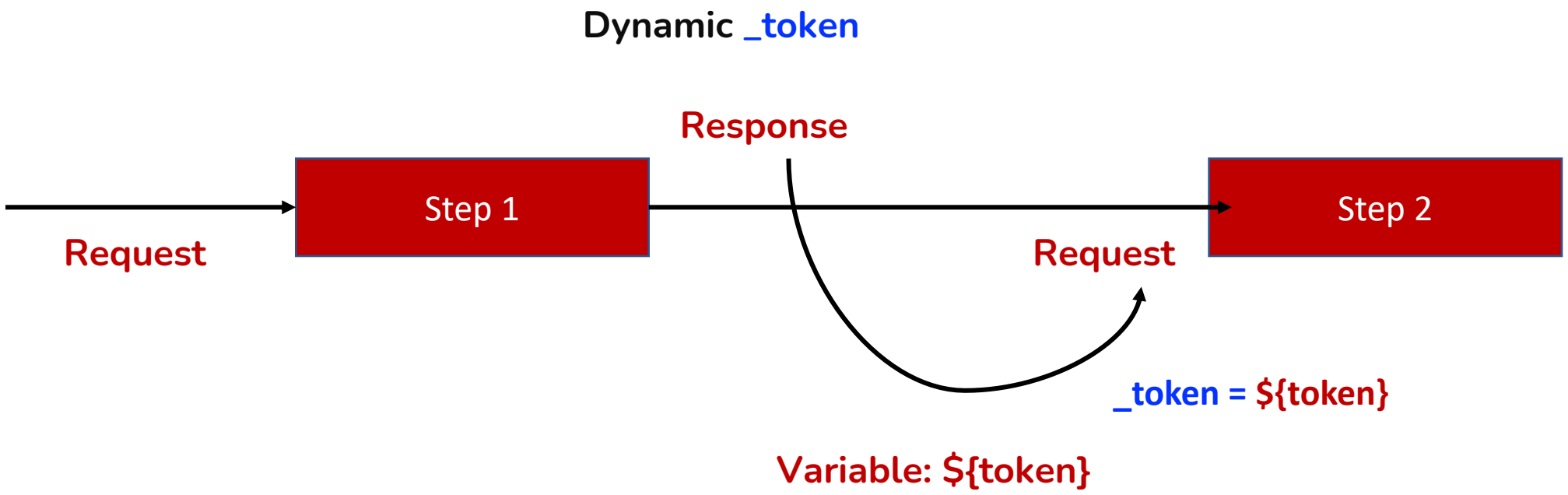
2023 – Learn JMeter By Examples

Session 9 – Regular Expression Extractor

Daniel TEST LabCN @DanielLoveTEST

12th May 2023


Request
Step 1
(open Login Page)
Response
Request
Step 2
(click Login button)
Response
Execution 1:
_token="abcd2ddf59b"
_token="abcd2ddf59b"
Execution 2:
_token="#$%^bd2b29b"
_token="#$%^bd2b29b"
Execution 3:
_token="1234cd2b2ddf59b"
_token="1234cd2b2ddf59b"


Dynamic _token
Response
Step 1
Step 2
Request
Request
_token = ${token}
Variable: ${token}

Single Match

String to be matched:

<input type="text" name="author_name" value="Daniel TEST LabCN ">
<input type="text" name="channel_name" value="@DanielLovePerf">

Regular Expression Extractor:

Name of created variable:	single_name
Regular Expression:	value="(.+?)"
Template (i where i is capturing group number, starts at 1):	1
Match No. (0 for Random):	1
Default Value:	not matched

Matched Value:

single_name: Daniel TEST LabCN

Multi Match

String to be matched:

<input type="text" name="author_name" value="Daniel TEST LabCN ">
<input type="text" name="channel_name" value="@DanielLovePerf">

Regular Expression Extractor:

Matched Value:

multi_name_matchNr: 2
multi_name_1: Daniel TEST LabCN
multi_name_1_g0: value=”Daniel TEST LabCN"
multi_name_1_g1: Daniel TEST LabCN

multi_name_2: @DanielLovePerf
multi_name_2_g0: value="@DanielLovePerf"
multi_name_2_g1: @DanielLovePerf

Notes:

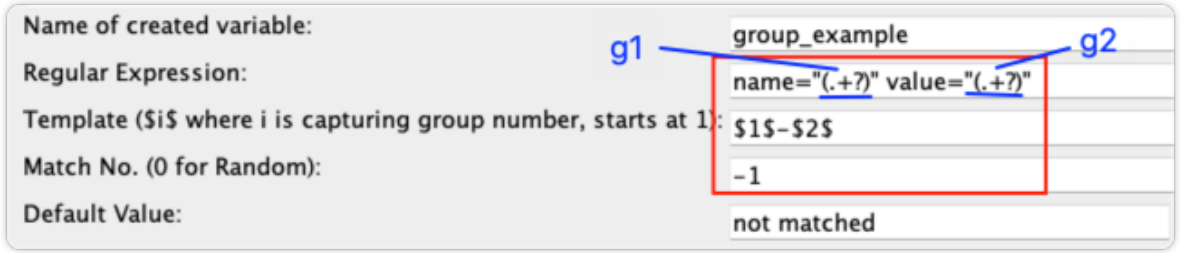
- _g : The number of groups, ie regex within parenthesis.
- _g0 : value of group 0 that contains the extracted value along with the boundaries.
- _g1 : value of group 1, useful in case you have nothing specified in the template, or if you have several groups, but more on that later.

Group Match

String to be matched:

<input type="text" name="author_name" value="Daniel TEST LabCN ">
<input type="text" name="channel_name" value="@DanielLovePerf">

Regular Expression Extractor:



Notes:

- _g0 : value of group 0 that contains the extracted value along with the boundaries.
- _g1 : value of group 1, useful in case you have nothing specified in the template, or if you have several groups, but more on that later.

Matched Value:

group_example_matchNr: 2

group_example_1: author_name-Daniel TEST LabCN
group_example_1_g0: name="author_name" value="Daniel TEST LabCN"
group_example_1_g1: author_name
group_example_1_g2: Daniel TEST LabCN

group_example_2: channel_name-@DanielLovePerf
group_example_2_g0: name="channel_name" value="@DanielLovePerf"
group_example_2_g1: channel_name
group_example_2_g2: @DanielLovePerf

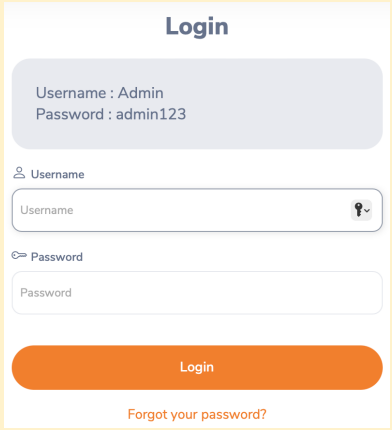
Next Session:

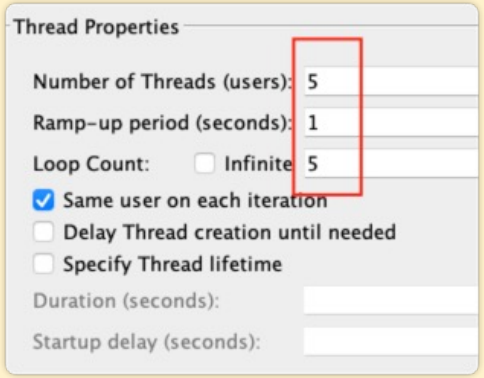
A Real scenario

Login → Create User → **Load Admin Page → Search This User → Search All Users** → **Delete Created User & Logoff**

Only Once Like:

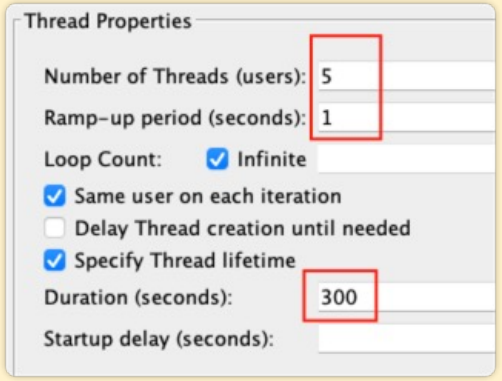
- 1 Thread
- 1 Loop





Round 1:

- 5 Threads
- 5 Loops



Round 2:

- 5 Threads
- 300 s (5 min)

Only Once Like:

- 1 Thread
- 1 Loop

Thank You!

YouTube channel:

Performance Test LabCN @DanielLoveTEST

GitHub Link:

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