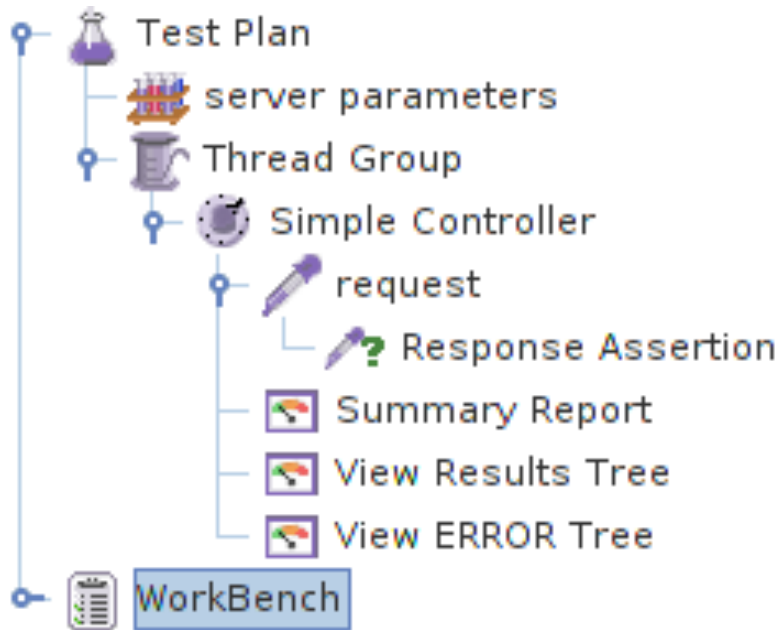


Jmeter + Beanshell

by Kateryna Nemesh



Test plan: stage 1



User Defined Variables:

server: 10.1.20.16

threads: 1

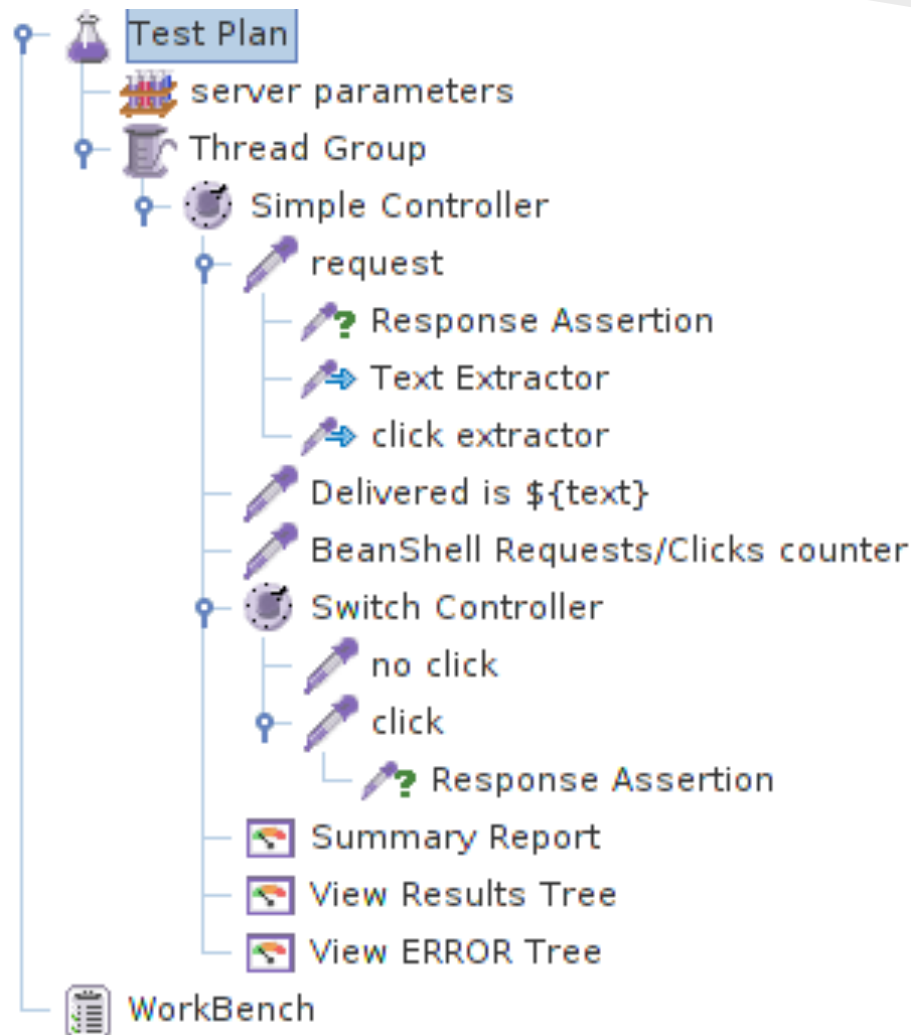
loops: 90

ramp-up period:1

Path: /katya/index.php

Response assertion ?

Test Plan structure



About

Simple controller - provides no functionality beyond that of a storage device.

Switch controller - runs the element defined by the switch value.

Switch Value - The number (or name) of the subordinate element to be invoked. Elements are numbered from 0.

Beanshell Sampler structure (used methods)

- Accessing jmeter variables (User Defined Variables):

```
vars.get("REF_NAME");
```

- Perform data conversion operations, e.g.:

```
intValue = Integer.parseInt(stringValue);  
stringValue=intValue.toString();
```

- Re-assigning value for the REF_NAME after modification in Bean Shell:

```
vars.put("REF_NAME","some_value");
```

Beanshell Sampler (step 1)

```
String creativeText=vars.get("text");
```

```
if(creativeText.compareTo("ERROR")!=0 && creativeText.contains("exua")){
```

```
    vars.put("click_type", "1");
```

```
}
```

```
else {
```

```
    vars.put("click_type", "0");
```

```
}
```

```
//-----  
-----/*
```

Purpose of this sample is to perform clicks only in case response text contains "exua"

Jmeter variables are marked with **GREEN**

Local Beanshell variables are marked with **PURPLE**

```
*/
```

Beanshell Sampler (step 2)

```
int click_count=Integer.parseInt(vars.get("click_counter"));
int request_count=Integer.parseInt(vars.get("request_counter"));
String creativeText=vars.get("text");

if(creativeText.compareTo("ERROR")!=0 && creativeText.contains("exua")){

request_count++;
vars.put("request_counter",request_count.toString());
vars.put("click_type", "1");
click_count++;
vars.put("click_counter",click_count.toString());
}
else {vars.put("click_type", "0");}

//-----
-----

/*
Purpose: counting requests and clicks performed for 'ex.ua'
*/
```

Beanshell Sampler (step 3)

```
int click_count=Integer.parseInt(vars.get("click_counter"));
int request_count=Integer.parseInt(vars.get("request_counter"));
int requests_per_click=Integer.parseInt(vars.get("rpc"));
String creativeText=vars.get("text");

if(creativeText.compareTo("ERROR")!=0 && creativeText.contains("exua")){

request_count++;
vars.put("request_counter",request_count.toString());
    if(request_count%requests_per_click==0){
        vars.put("click_type", "1");
        click_count++;
        vars.put("click_counter",click_count.toString());}
    else {vars.put("click_type", "0");}
}
else {vars.put("click_type", "0");}
//-----
-----

// Purpose: perform clicks for ex.ua only in case the specified amount of responses is delivered (using
// rpc parameter)
```


Read more

- http://jmeter.apache.org/usermanual/component_reference.html#Switch_Controller
- <http://javaworks.wordpress.com/2011/02/09/how-to-get-and-set-variables-in-jmeter/>
- http://jmeter.apache.org/usermanual/component_reference.html#BeanShell_Sampler
- <http://www.beanshell.org/docs.html>