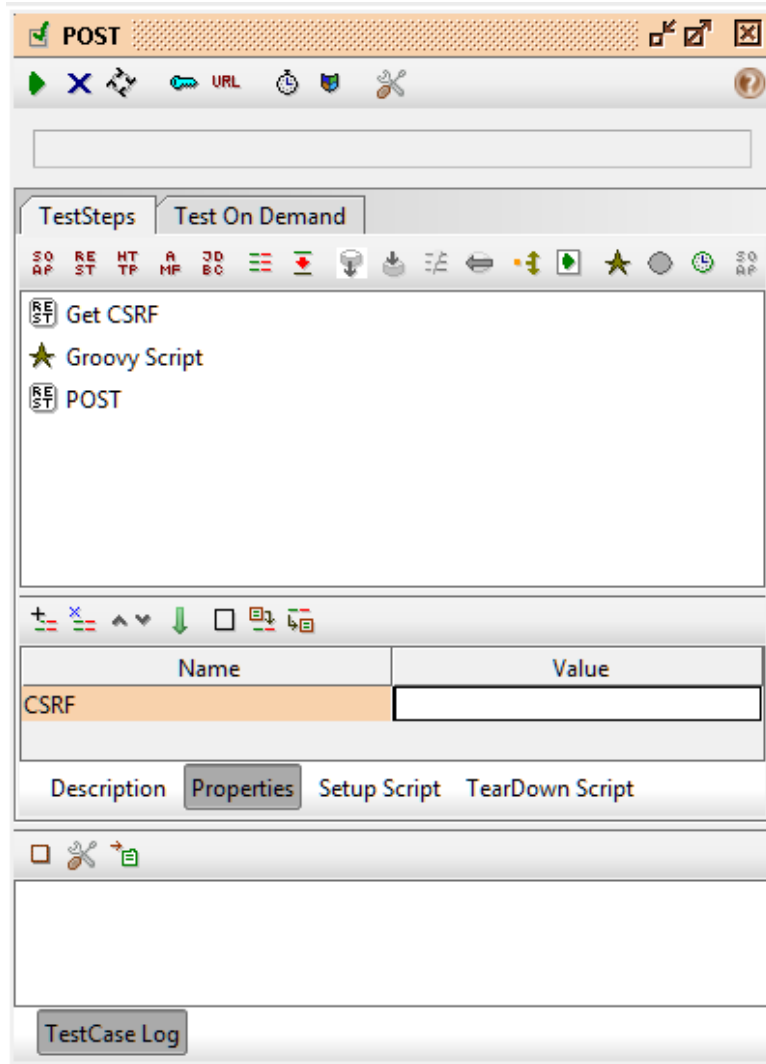


# SAP Gateway: Test POST request to Gateway with SoapUI

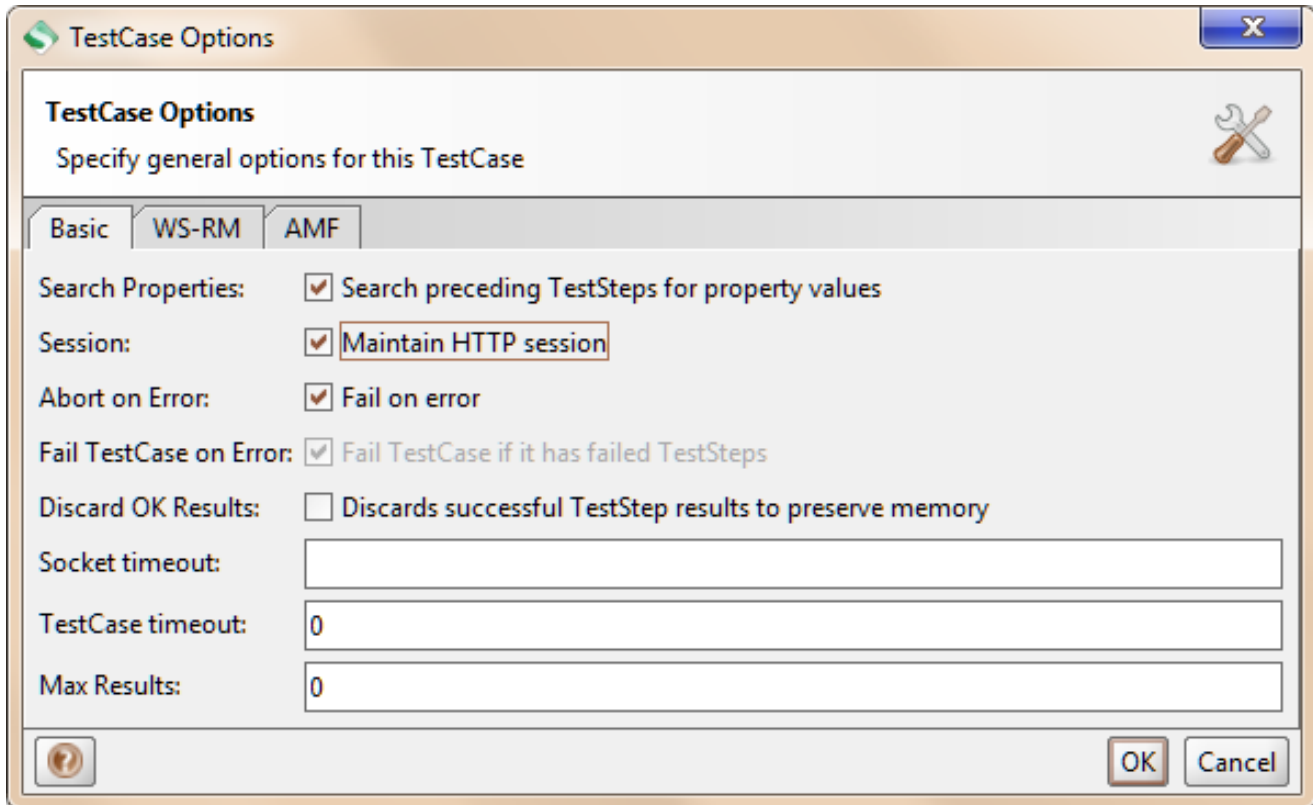
Posted by [Lars Hvam](#) Jan 11, 2015

This blog describes how to make POST calls containing [CSRF](#) tokens to Gateway using [SoapUI](#).

The testcase contains 3 steps, and a [property](#) named CSRF,



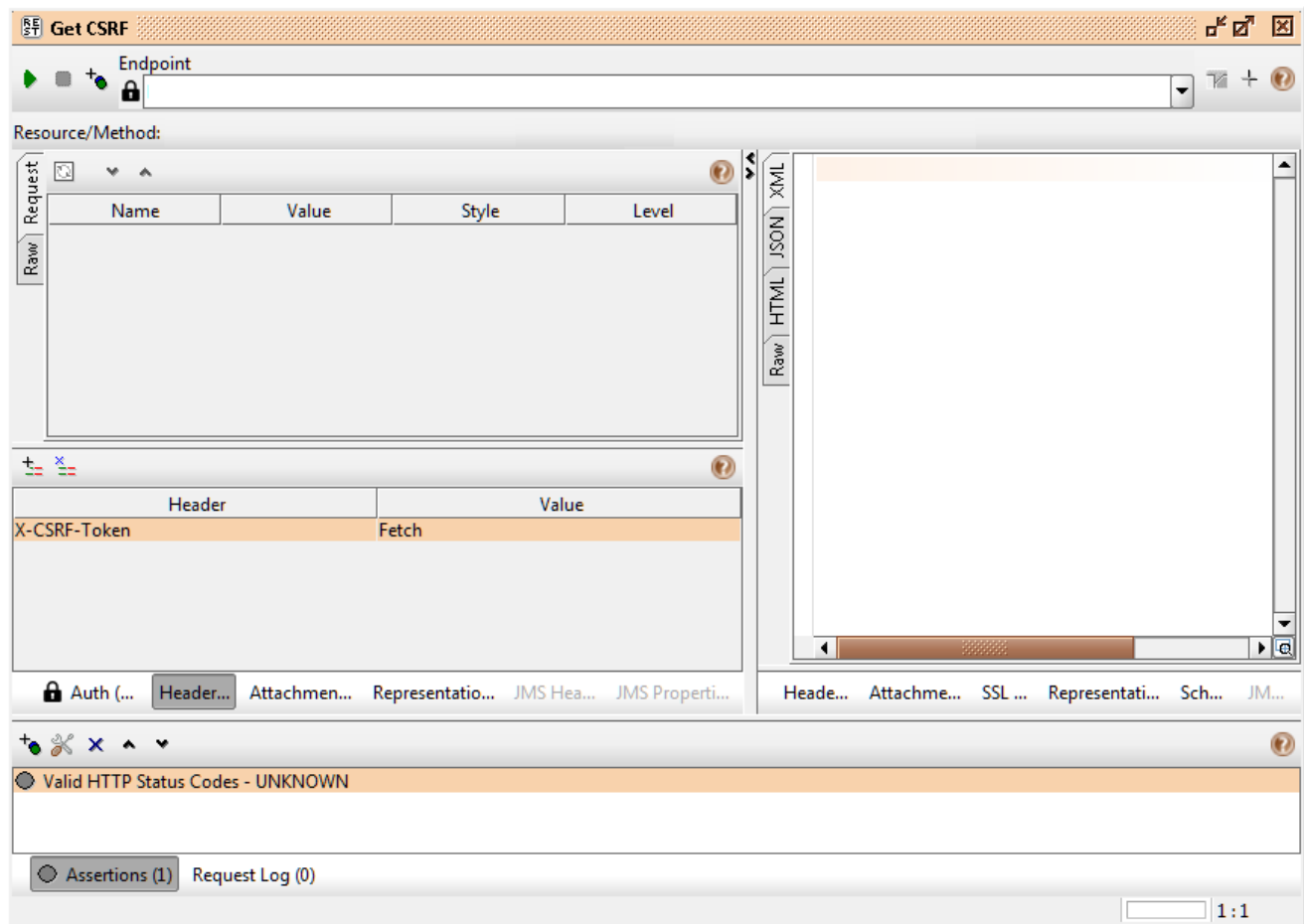
Check field "Maintain HTTP session" under testcase options, this will make sure that the cookies set in the GET request are reused in the POST request,



#### 1: Get CSRF

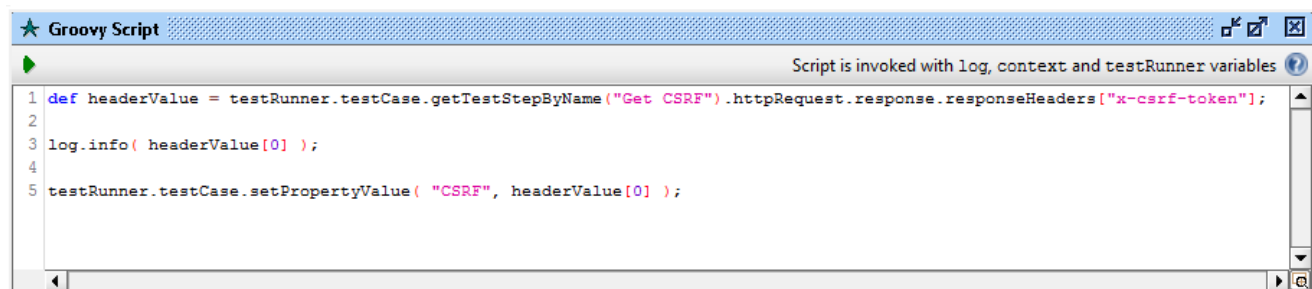
This will fetch the token via a GET request, add header "X-CSRF-Token" and value "Fetch"

## SAP Gateway: Test POST request to Gateway with SoapUI



### 2: Groovy Script

The script will take the token from the GET request and store it in the testcase "CSRF" property



"

```
def headerValue = testRunner.testCase.getTestStepByName("Get
CSRF").httpRequest.response.responseHeaders["x-csrf-token"];
```

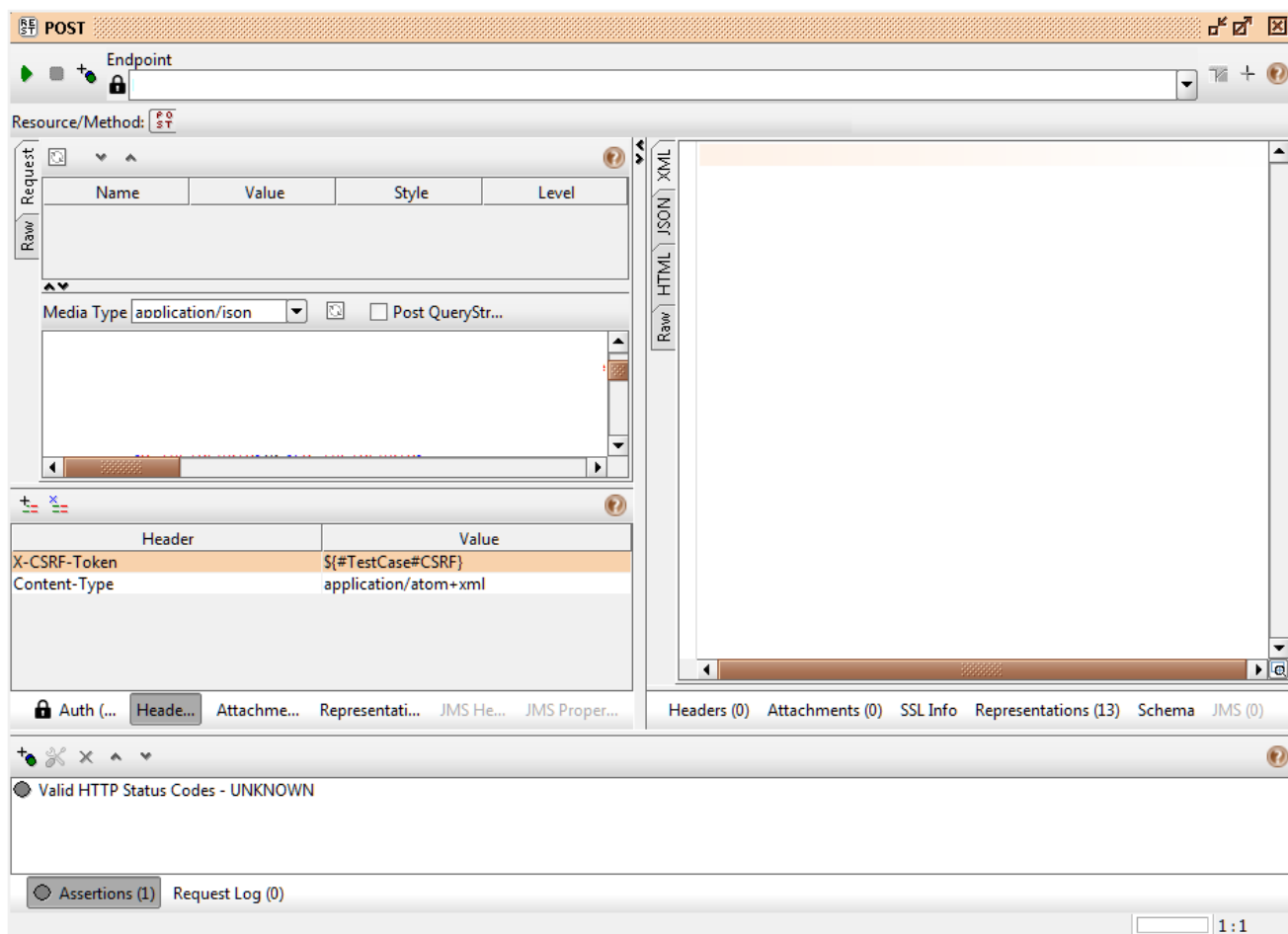
```
log.info( headerValue[0] );
```

## SAP Gateway: Test POST request to Gateway with SoapUI

```
testRunner.testCase.setPropertyValue( "CSRF", headerValue[0] );  
"
```

### 3: POST

The actual request using the token, add header "X-CSRF-Token" with value "\${#TestCase#CSRF}", set content type according to input data



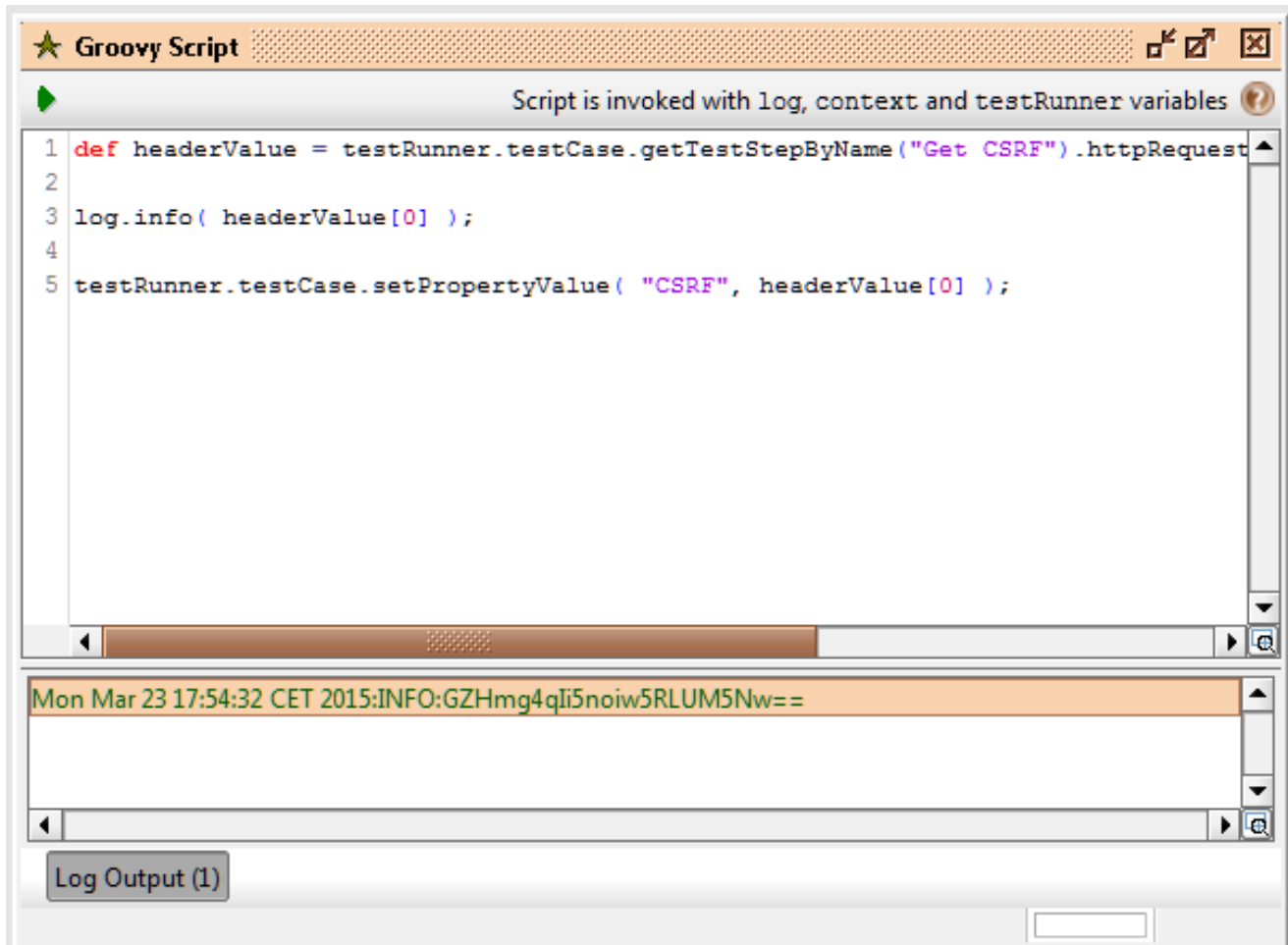
1054 Views Tags: [rest](#), [soapui](#), [gateway](#), [odata](#), [csrf](#), [csrf\\_token](#)





**Lars Hvam** in response to [Ilya Shatskikh](#) on page 5


Mar 23, 2015 5:55 PM

Hmm, something might be broken then, below is the expected result where "GZHmg4qli5noiW5RLUM5Nw==" is the token value



 [Ilya Shatskikh](#) in response to [Lars Hvam](#) on page 5  
Mar 23, 2015 12:33 PM  
In my situation I had the first character. No matter.

 [Lars Hvam](#) in response to [Ilya Shatskikh](#) on page 5  
Mar 23, 2015 12:22 PM  
its the first entry in the array containing a string value

 [Ilya Shatskikh](#)  
Mar 23, 2015 10:59 AM  
Thanks, good article. But why headerValue[0] ? Only first char.