

Selenium Grid configuration

```
java -jar selenium-server-standalone-3.1.0.jar -role hub -port 8844 -browserTimeout 69 -timeout 96
java -Dwebdriver.chrome.driver=chromedriver.exe -Dwebdriver.ie.driver=IEDriverServer.exe -jar selenium-server-standalone-3.1.0.jar -role node -hub http://localhost:8844
```

| Command Prompt - java -jar selenium-server-standalone-3.1.0.jar -role hub -port 8844 -browserTimeout 69 -timeout 96 | Command Prompt - java -Dwebdriver.chrome.driver=chromedriver.exe -Dwebdriver.ie.driver=IEDriverServer.exe -jar selenium-serv... |
|---|---|
| <pre>C:\Users\root>cd Downloads C:\Users\root\Downloads>java -jar selenium-server-standalone-3.1.0.jar -role hub -port 8844 -browserTimeout 69 -timeout 96 14:43:44.985 INFO - Selenium build info: version: '3.1.0', revision: '86a5d70' 14:43:44.985 INFO - Launching Selenium Grid hub 2017-03-11 14:43:45.952:INFO::main: Logging initialized @1329ms 14:43:45.968 INFO - Will listen on 8844 2017-03-11 14:43:46.014:INFO:osjs.Server:main: jetty-9.2.15.v20160210 2017-03-11 14:43:46.061:INFO:osjs.ContextHandler:main: Started o.s.j.s.ServletContextHandler@7c31dbb 2017-03-11 14:43:46.077:INFO:osjs.ServerConnector:main: Started ServerConnector@7c31dbb 2017-03-11 14:43:46.077:INFO:osjs.Server:main: Started @1462ms 14:43:46.077 INFO - Nodes should register to http://192.168.0.189:8844/grid/register/ 14:43:46.077 INFO - Selenium Grid hub is up and running 14:44:47.837 INFO - Registered a node http://192.168.0.189:5555</pre> | <pre>C:\Users\root>cd Downloads C:\Users\root\Downloads>java -Dwebdriver.chrome.driver=chromedriver.exe -Dwebdriver.ie.driver=IEDriverServer.exe -jar selenium-server-standalone-3.1.0.jar -role node -hub http://localhost:8844 14:44:46.620 INFO - Selenium build info: version: '3.1.0', revision: '86a5d70' 14:44:46.620 INFO - Launching a Selenium Grid node 2017-03-11 14:44:47.556:INFO::main: Logging initialized @1315ms 14:44:47.603 INFO - Driver class not found: com.opera.core.systems.OperaDriver 14:44:47.603 INFO - Driver provider com.opera.core.systems.OperaDriver registration is skipped: Unable to create new instances on this machine. 14:44:47.603 INFO - Driver class not found: com.opera.core.systems.OperaDriver 14:44:47.603 INFO - Driver provider com.opera.core.systems.OperaDriver is not registered 14:44:47.603 INFO - Driver provider org.openqa.selenium.safari.SafariDriver registration is skipped: registration capabilities Capabilities [{browserName=safari, version=, platform=MAC}] does not match UISTA 2017-03-11 14:44:47.650:INFO:osjs.Server:main: jetty-9.2.15.v20160210 2017-03-11 14:44:47.681:INFO:osjs.ContextHandler:main: Started o.s.j.s.ServletContextHandler@7ce3c 2017-03-11 14:44:47.697:INFO:osjs.ServerConnector:main: Started ServerConnector@1622f1b(HTTP/1.1){0} 2017-03-11 14:44:47.697:INFO:osjs.Server:main: Started @1448ms 14:44:47.697 INFO - Selenium Grid node is up and ready to register to the hub 14:44:47.712 INFO - Starting auto registration thread. Will try to register every 5000 ms. 14:44:47.712 INFO - Registering the node to the hub: http://localhost:8844/grid/register 14:44:47.837 INFO - The node is registered to the hub and ready to use 14:44:53.094 INFO - SessionCleaner initialized with insideBrowserTimeout 69000 and clientGoneTimeout 6900</pre> |

hub

node

TestNG tests

IntelliJ IDE TestNG run-time report

| | |
|--|--------------|
| OK SUITE | 1m 28s 455ms |
| OK TEST | 1m 28s 455ms |
| OK Tests | 1m 28s 455ms |
| OK RestAPI_correct_username_password | 2s 104ms |
| OK RestAPI_failed_username_password | 414ms |
| OK RestAPI_access_token_has_three_parts_separated_by_period | 605ms |
| OK Selenium_Chrome_login_successfully | 12s 363ms |
| OK Selenium_Chrome_login_unsuccessfully | 10s 705ms |
| OK Selenium_Chrome_after_successful_login_the_user_is_taken_to_Dashboard | 18s 706ms |
| OK Selenium_Explorer_login_successfully | 16s 594ms |
| OK Selenium_Explorer_login_unsuccessfully | 12s 43ms |
| OK Selenium_Explorer_after_successful_login_the_user_is_taken_to_Dashboard | 14s 921ms |

TestNG final report

SUITE

Info

- C:\Users\root\IdeaProjects\rest-selenium-grid-tests\TEST.xml
- 1 test
- 0 groups
- Times
- Reporter output
- Ignored methods
- Chronological view

Results

- 9 methods, 9 passed
- Passed methods (hide)
 - RestAPI_access_token_has_three_parts_separated_by_period
 - RestAPI_correct_username_password
 - RestAPI_failed_username_password
 - Selenium_Chrome_after_successful_login_the_user_is_taken_to_Dashboard
 - Selenium_Chrome_login_successfully
 - Selenium_Chrome_login_unsuccessfully
 - Selenium_Explorer_after_successful_login_the_user_is_taken_to_Dashboard
 - Selenium_Explorer_login_successfully
 - Selenium_Explorer_login_unsuccessfully

Gradle final report

Class Tests

all > default-package > Tests

| | | | |
|-------|----------|---------|----------|
| 9 | 0 | 0 | 1m15.24s |
| tests | failures | ignored | duration |

100%
successful

Tests

Standard error

| Test | Duration | Result |
|---|----------|--------|
| RestAPI_access_token_has_three_parts_separated_by_period | 0.640s | passed |
| RestAPI_correct_username_password | 1.466s | passed |
| RestAPI_failed_username_password | 0.390s | passed |
| Selenium_Chrome_after_successful_login_the_user_is_taken_to_Dashboard | 9.793s | passed |
| Selenium_Chrome_login_successfully | 10.293s | passed |
| Selenium_Chrome_login_unsuccessfully | 8.665s | passed |
| Selenium_Explorer_after_successful_login_the_user_is_taken_to_Dashboard | 16.732s | passed |
| Selenium_Explorer_login_successfully | 14.022s | passed |
| Selenium_Explorer_login_unsuccessfully | 13.243s | passed |

Wrap lines

Generated by Gradle 3.1

Gradle run-time

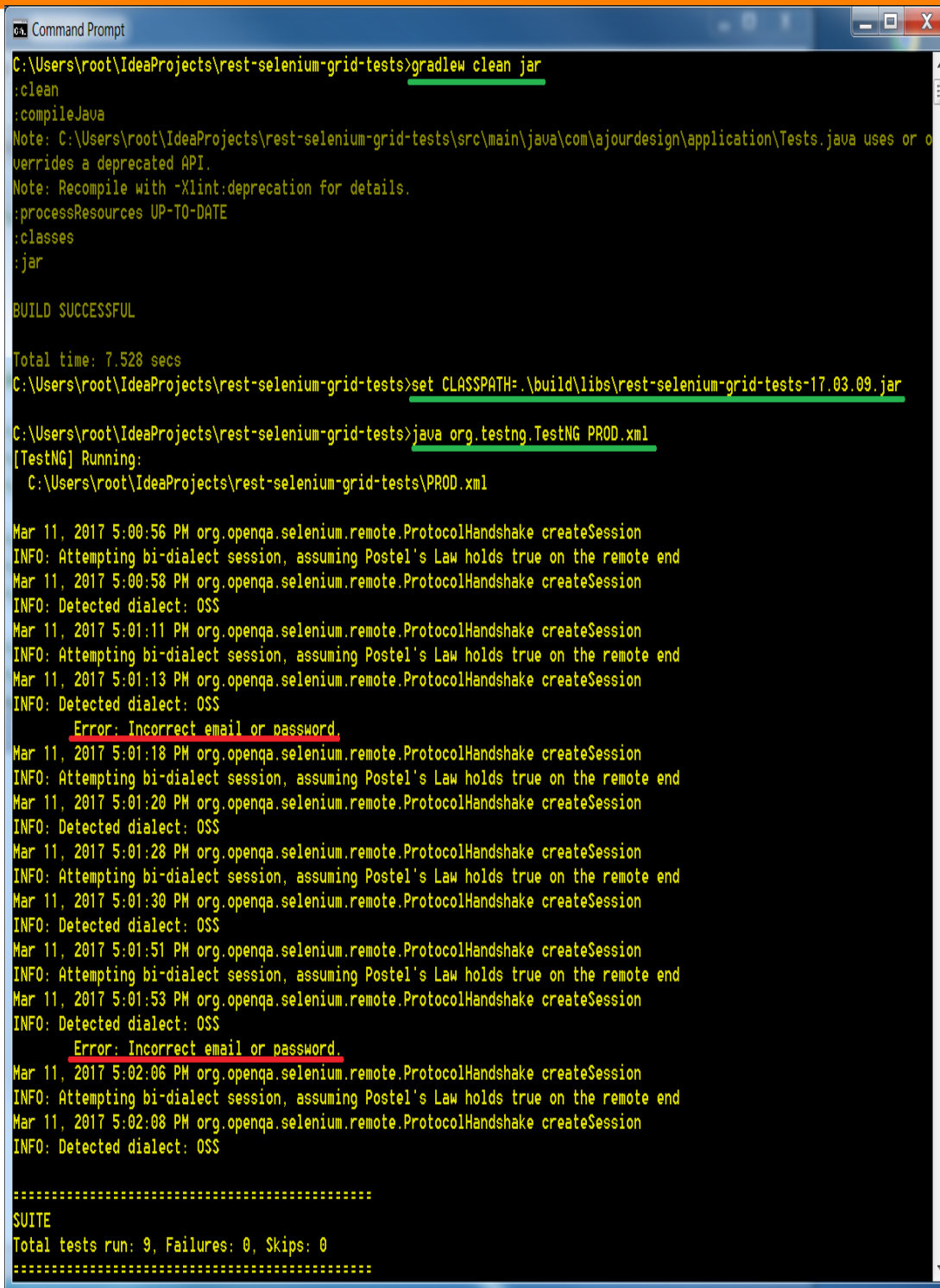
```
set|export AURL=<authentication_url>
set|export SURL=<selemium_test_url>
set|export HURL=<selemium_grid_hub_url>
set|export USER=<e-mail>
set|export PSWD=<password>

cd <project_folder>
gradlew clean jar
set CLASSPATH=.\build\libs\rest-selenium-grid-tests-17.03.09.jar
java gastrointestinal PROD.xml
```

...

SUITE

Total tests run: 9, Failures: 0, Skips: 0



```
Command Prompt
C:\Users\root\IdeaProjects\rest-selenium-grid-tests>gradlew clean jar
:clean
:compileJava
Note: C:\Users\root\IdeaProjects\rest-selenium-grid-tests\src\main\java\com\ajourdesign\application\Tests.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
:processResources UP-TO-DATE
:classes
:jar
BUILD SUCCESSFUL

Total time: 7.528 secs
C:\Users\root\IdeaProjects\rest-selenium-grid-tests>set CLASSPATH=.\build\libs\rest-selenium-grid-tests-17.03.09.jar
C:\Users\root\IdeaProjects\rest-selenium-grid-tests>java org.testng.TestNG PROD.xml
[TestNG] Running:
  C:\Users\root\IdeaProjects\rest-selenium-grid-tests\PROD.xml

Mar 11, 2017 5:00:56 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Attempting bi-dialect session, assuming Postel's Law holds true on the remote end
Mar 11, 2017 5:00:58 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
Mar 11, 2017 5:01:11 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Attempting bi-dialect session, assuming Postel's Law holds true on the remote end
Mar 11, 2017 5:01:13 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
Error: Incorrect email or password.
Mar 11, 2017 5:01:18 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Attempting bi-dialect session, assuming Postel's Law holds true on the remote end
Mar 11, 2017 5:01:20 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
Mar 11, 2017 5:01:28 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Attempting bi-dialect session, assuming Postel's Law holds true on the remote end
Mar 11, 2017 5:01:30 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
Mar 11, 2017 5:01:51 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Attempting bi-dialect session, assuming Postel's Law holds true on the remote end
Mar 11, 2017 5:01:53 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
Error: Incorrect email or password.
Mar 11, 2017 5:02:06 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Attempting bi-dialect session, assuming Postel's Law holds true on the remote end
Mar 11, 2017 5:02:08 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS

=====
SUITE
Total tests run: 9, Failures: 0, Skips: 0
=====
```