

HOW TO RUN THE TEST SCRIPTS USING BAT FILE AND GET A REPORT

We can execute testng.xml file in different ways.

1. Eclipse
2. IntelliJ
3. Ant / Maven
4. Command Line
5. Batch File.

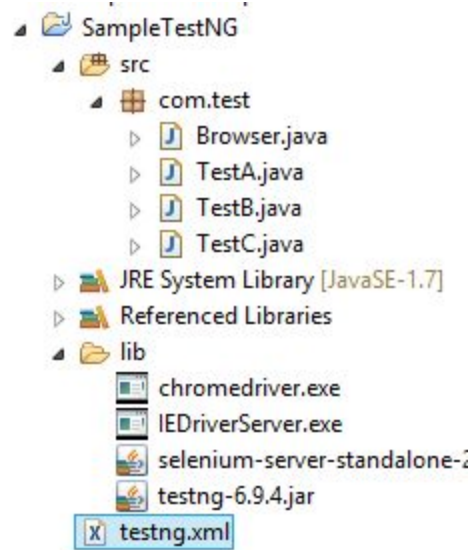
Here i used Command Line and Batch file for running the automation test scripts without Eclipse.

Now let us see how to invoke testng.xml from command line step by step:

Step 1: Create new project, In example we have created project 'SampleTestNG'

Step 2: Create new package. 'com.test' as example package created here.

Step 3: Create sample classes which has @Test methods. In the example below we have created four classes as below :



Step 4: Right click on the Project and go to TestNG and click on convert to TestNG.

Here is below commands to execute 'testng.xml' file from command line

\Navigate into the Project Folder

```
cd F:\Selenium\SampleTestNG
```

\Call the Selenium Libraries and .jars

```
java -cp F:\Selenium\SampleTestNG\lib\*;
```

\Execute the bin files and TestNG.xml files

```
F:\Selenium\SampleTestNG\bin org.testng.TestNG testng.xml
```

In the above command, for 'java -cp' argument, we provide the classpath i.e. path to classes / libraries that our program requires to run.

After executing above command, it should execute the tests that we have specified in testng.xml file. And the below is the screenshot after executing the tests.

```
C:\Windows\system32\cmd.exe
F:\Selenium\SampleTestNG>java -cp F:\Selenium\SampleTestNG\lib\*;F:\Selenium\SampleTestNG\bin org.testng.TestNG testng.xml
... TestNG 6.9.6 by C|drdic Beust <cedric@beust.com>
...
[TestNG] Running:
  F:\Selenium\SampleTestNG\testng.xml
*****
launching firefox browser
Closing firefox browser
*****
launching chrome browser
Starting ChromeDriver (v2.9.248315) on port 39703
Closing chrome browser
*****
launching IE browser
Starting InternetExplorerDriver server (32-bit)
2.48.0.0
Listening on port 11152
Page title: - Google
Closing IE browser
PASSED: testGooglePageTitleInFirefox
PASSED: testGooglePageTitleInChrome
PASSED: testGooglePageTitleInIEBrowser
=====
TestNG Test Group
Tests run: 3, Failures: 0, Skips: 0
=====
Main Test Suite
Total tests run: 3, Failures: 0, Skips: 0
=====
[TestNG] Time taken by org.testng.reporters.XMLReporter@16181be: 5 ms
[TestNG] Time taken by org.testng.reporters.SuiteHTMLReporter@7691c0: 30 ms
[TestNG] Time taken by org.testng.reporters.JUnitReporter@193b604: 5 ms
[TestNG] Time taken by org.testng.reporters.jq.Main@a896a4: 10 ms
[TestNG] Time taken by org.testng.reporters.EmailableReporter2@1bba67: 0 ms
[TestNG] Time taken by IFailedReporter passed=0 failed=0 skipped=0: 0 ms
F:\Selenium\SampleTestNG>
```

\Open the TestNG Report

```
start "" ".\test-output\index.html"
```

Now TestNG report will display from the browser, here we can see the configurations and Passed, failed and skipped cases with exception details.

XSLT Report in Selenium Webdriver

XSLT stands for XML Style-sheet language for transformation, It provide very rich formatting report using TestNG framework.

To generate XSLT report in Selenium be ready with below precondition.

Precondition-

1- Ant should be installed.

2- We should have at least some test case should be executed by TestNG (i.e. -output directory should be available in home directory).

Now let us see how to invoke build.xml from command line step by step:

Step 1: Go to command Prompt and enter the following command to check the Ant is available in your system.

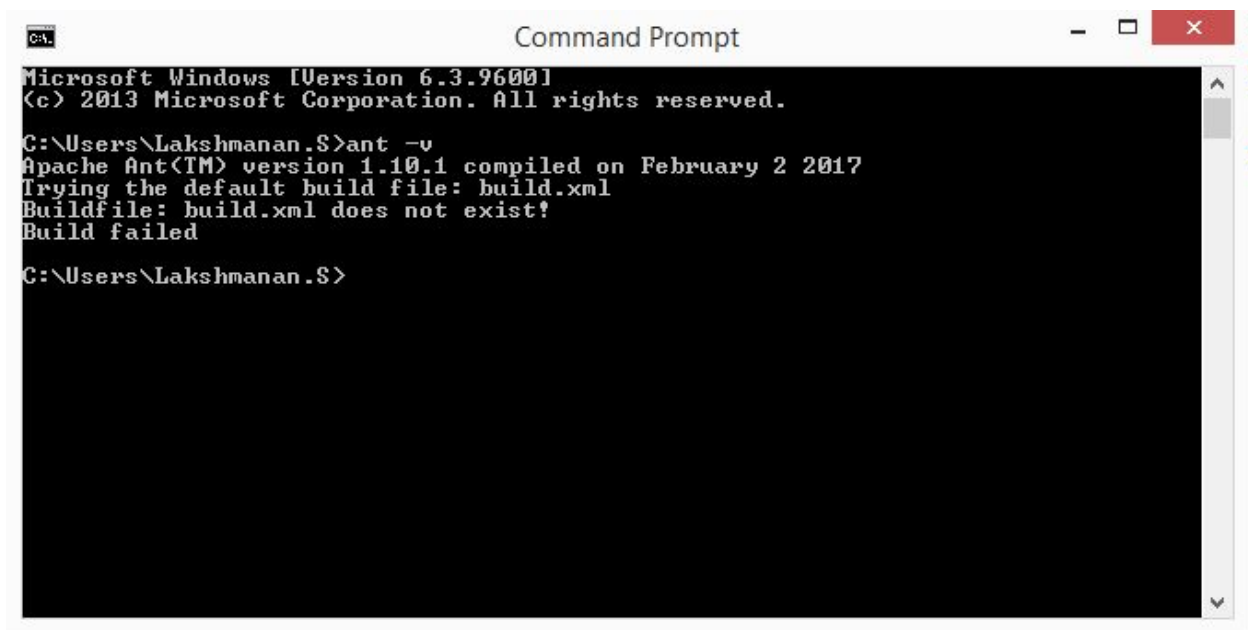
\Navigate into the Project Folder

`cd F:\Selenium\SampleTestNG`

\Check the Ant version

`Ant -v`

After executing above command, it should check the Ant version and the below is the screenshot after executing the command



```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\Lakshmanan.S>ant -v
Apache Ant(TM) version 1.10.1 compiled on February 2 2017
Trying the default build file: build.xml
Buildfile: build.xml does not exist!
Build failed

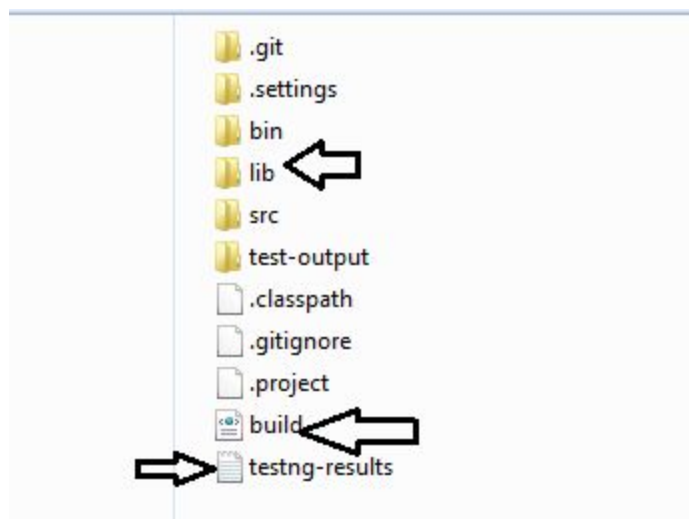
C:\Users\Lakshmanan.S>
```

Step 1- [Download XSLT from my Google driver account.](#)

Step 2- Unzip XSLT Folder and copy all the files and paste into project home directory.

Refer below screen-shot

Name	Date modified	Type	Size
.git	6/1/2014 2:07 AM	File folder	
.settings	6/1/2014 1:49 AM	File folder	
bin	6/1/2014 2:36 PM	File folder	
src	6/1/2014 1:57 AM	File folder	
.classpath	6/1/2014 1:49 AM	CLASSPATH File	1 KB
.gitignore	6/1/2014 1:57 AM	GITIGNORE File	1 KB
.project	6/1/2014 1:49 AM	PROJECT File	1 KB



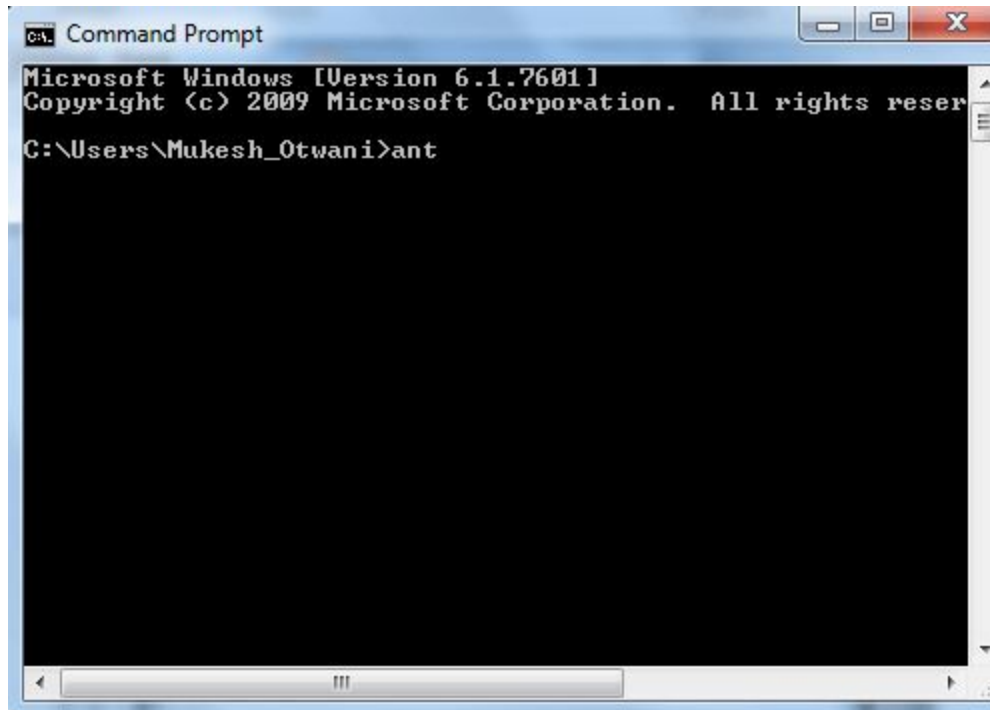
Step 3- Now execute build.xml file using Ant – for running build.xml file. Open command prompt and go till project home directory and type ant and hit enter.

\Navigate into the Project Folder

cd F:\Selenium\SampleTestNG

\Execute the Ant Build

ant



```
Command Prompt
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Mukesh_Otwani>ant
```



```
automation
C:\Users\Mukesh_Otwani\Desktop\Learn-automation>ant
Buildfile: C:\Users\Mukesh_Otwani\Desktop\Learn-automation\build.xml
BUILD SUCCESSFUL
Total time: 46 seconds
```

Step 4- Once build is successful then write `ant generateReport` and hit enter.

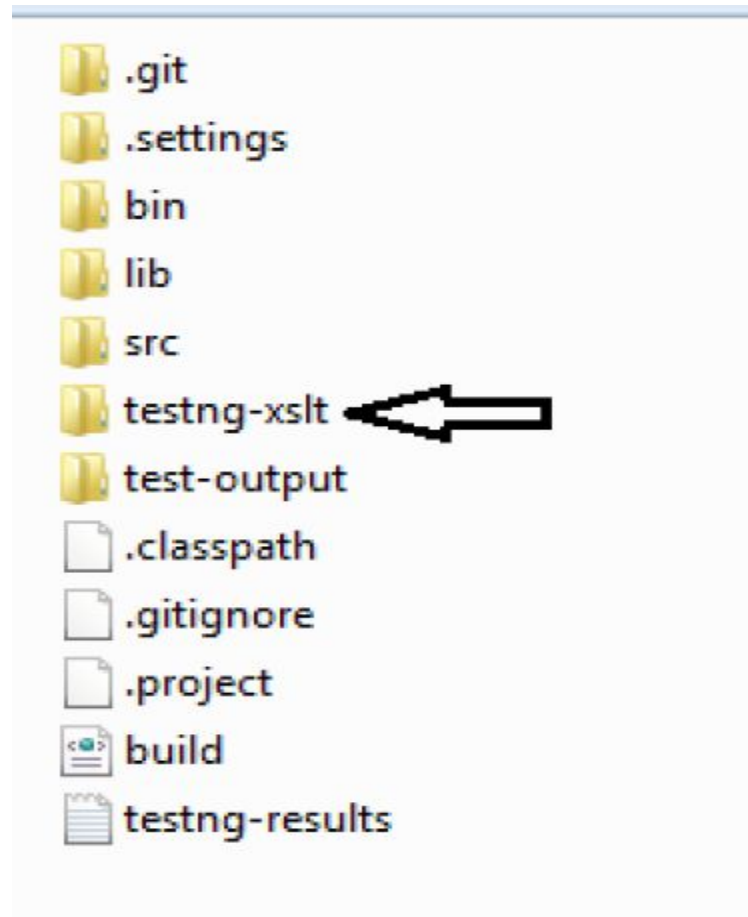


```
C:\Users\Mukesh_Otwani\Desktop\Learn-automation>ant generateReport
```



```
BUILD SUCCESSFUL
Total time: 1 minute 35 seconds
```

Step 5- After build is successful navigate to project directory and you will get testng-xslt folder



Inside testng-xslt you will get index.html (this is the main report) open in Firefox or in Chrome browser which support JavaScript

Name	Date modified	Type	Size
Default suite	6/3/2014 12:28 AM	Firefox HTML Doc...	8 KB
Default suite_Default test	6/3/2014 12:28 AM	Firefox HTML Doc...	8 KB
Default suite_groups	6/3/2014 12:28 AM	Firefox HTML Doc...	2 KB
index	6/3/2014 12:28 AM	Firefox HTML Doc...	1 KB
main	6/3/2014 12:28 AM	JScript Script File	7 KB
navigation	6/3/2014 12:28 AM	Firefox HTML Doc...	3 KB
overview	6/3/2014 12:28 AM	Firefox HTML Doc...	4 KB
overview-chart	6/3/2014 12:28 AM	SVG Document	2 KB
reporterOutput	6/3/2014 12:28 AM	Firefox HTML Doc...	1 KB
style	6/3/2014 12:28 AM	Cascading Style S...	3 KB

.FVS1

Below Screenshots are Extended TestNG XSLT Report from the index.html file.

