**TextNG XML:**

Create different class files for different things like text boxes, textarea, Checkboxes and Radio buttons. I have created the following classes each contain different methods (tests).

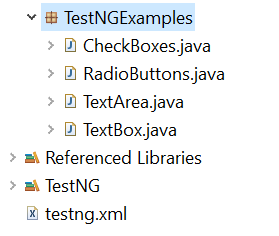
* TextBox.java – 4 methods (tests)
* TextArea.java – 2 methods (tests)
* CheckBoxes.java – 2 methods (tests)
* RadioButtons.java – 5 methods (tests)

Now if you want to run all these tests, you have to right click on each of these run them as “TestNG run”. If you have 100s of test cases, you can’t do this. This is where we will use TestNG XML to run whatever test cases we want without manually running them one by one.

For creating a TestNG xml, right click on the project and convert it to TestNG project.

Right Click -> TestNG -> Convert to TestNG

It will create a TestNG folder and a TestNG xml file as testing.xml.



You can change the name of the file as FullTest.xml.

TestNG XML File:

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">

<suite name=*"Suite"*>

<test thread-count=*"5"* name=*"Test"*>

<classes>

<class name=*"TestNGExamples.RadioButtons"*/>

<class name=*"TestNGExamples.CheckBoxes"*/>

<class name=*"TestNGExamples.TextArea"*/>

<class name=*"TestNGExamples.TextBox"*/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

Suite is the Test Suite name. For example, you are working in an insurance company. You will develop different test cases to test different applications. All these tests come under insurance so you can name the suite as “insurance”.

Under insurance you will have different types. For example, you will have home insurance, auto (vehicle) insurance, health insurance, property insurance etc. You can have all of these as different tests.

Under each test you have classes which are the actual java files you have developed.

Ex:

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">

<suite name=*"insurance"*>

<test thread-count=*"5"* name=*"LifeInsurance"*>

<classes>

<class name=*"LifeInsTests.CreatingNew"*/>

<class name=*" LifeInsTests.ModifyingExisting"*/>

</classes>

</test> <!-- Test -->

<test thread-count=*"5"* name=*"AutoInsurance"*>

<classes>

<class name=*"AutoInsTests.CNOneDriverOneVehcile"*/>

<class name=*"AutoInsTests.CNTwoDriverOneVehcile"*/>

<class name=*"AutoInsTests.CNOneDriverTwoVehcile"*/>

<class name=*"AutoInsTests.CNTwoDriverTwoVehcile"*/>

<class name=*"AutoInsTests.CNTwoDriverThreeVehcile"*/>

<class name=*"AutoInsTests.CNThreeDriverOneVehcile"*/>

</classes>

</test> <!-- Test -->

<test thread-count=*"5"* name=*"HomeInsurance"*>

<classes>

<class name=*"HomeInsTests.ApartmentInsurance"*/>

<class name=*"HomeInsTests.IndividualHouseInsurance"*/>

<class name=*"HomeInsTests.BurglaryCoverage"*/>

<class name=*"TestNGExamples.EarthquakeCoverage"*/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

Or you can create a test suite for only one kind of insurance.

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">

<suite name=*"AutoInsurance"*>

<test thread-count=*"5"* name=*"AutoInsurance\_NewApp"*>

<classes>

<class name=*"AutoInsTests.CNOneDriverOneVehcile"*/>

<class name=*"AutoInsTests.CNTwoDriverOneVehcile"*/>

<class name=*"AutoInsTests.CNOneDriverTwoVehcile"*/>

<class name=*"AutoInsTests.CNTwoDriverTwoVehcile"*/>

<class name=*"AutoInsTests.CNTwoDriverThreeVehcile"*/>

<class name=*"AutoInsTests.CNThreeDriverOneVehcile"*/>

</classes>

</test> <!-- Test -->

<test thread-count=*"5"* name=*"AutoInsurance\_ModifyApp"*>

<classes>

<class name=*"LifeInsTests.CreatingNew"*/>

<class name=*" LifeInsTests.ModifyingExisting"*/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

I have modified the TestNG file created as below.

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">

<suite name=*"BasicSuite"*>

<test thread-count=*"5"* name=*"TextBoxTest"*>

<classes>

<class name=*"TestNGExamples.TextBox"*/>

</classes>

</test> <!-- Test -->

<test thread-count=*"5"* name=*"TextAreaTest"*>

<classes>

<class name=*"TestNGExamples.TextArea"*/>

</classes>

</test> <!-- Test -->

<test thread-count=*"5"* name=*"CheckBoxesTest"*>

<classes>

<class name=*"TestNGExamples.CheckBoxes"*/>

</classes>

</test> <!-- Test -->

<test thread-count=*"5"* name=*"RadioButtonsTest"*>

<classes>

<class name=*"TestNGExamples.RadioButtons"*/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

You can run the above and check the results.