Steps to generate test report in HTML

1. Make sure we have the latest code and the build is successful
2. Change in **pom.xml**

* Make sure the following dependency is added

<dependency>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-surefire-report-plugin</artifactId>

<version>2.19.1</version>

<type>maven-plugin</type>

</dependency>

* Add the following plugin which will help in converting the surefire xml files to HTML

<build>

<plugins>

<plugin>

<!-- Extended Maven antrun plugin -->

<!-- https://maven-antrun-extended-plugin.dev.java.net/ -->

<groupId>org.jvnet.maven-antrun-extended-plugin</groupId>

<artifactId>maven-antrun-extended-plugin</artifactId>

<executions>

<execution>

<id>test-reports</id>

<phase>test</phase>

<configuration>

<tasks>

<junitreport todir=*"target/surefire-reports"*>

<fileset dir=*"target/surefire-reports"*>

<include name=*"\*\*/\*.xml"*/>

</fileset>

<report format=*"WB\_TestReport"* todir=*"target/surefire-reports"*/>

</junitreport>

</tasks>

</configuration>

<goals>

<goal>run</goal>

</goals>

</execution>

</executions>

<dependencies>

<dependency>

<groupId>org.apache.ant</groupId>

<artifactId>ant-junit</artifactId>

<version>1.8.0</version>

</dependency>

<dependency>

<groupId>org.apache.ant</groupId>

<artifactId>ant-trax</artifactId>

<version>1.8.0</version>

</dependency>

</dependencies>

</plugin>

</plugins>

</build>

* Add the following reporting plugin

<reporting>

<plugins>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-surefire-report-plugin</artifactId>

<version>2.19.1</version>

<configuration>

<outputName>WB Test Results</outputName>

<includes>

<include><!-The test Suite name or specific class name for which the report to be generated. Eg: WB\_RunDesktopParityTest.java--> </include>

</includes>

</configuration>

</plugin>

</plugins>

</reporting>

1. Build the project
2. Open a command prompt and move to the folder of the modified pom file
3. Run the following command

mvn test

Example:

where “-s <….settings.xml> is optional and required only when your default maven settings is different. In this accounts project has a different settings that default.

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1. Once report gets generated successfully, you should be able to see the report in the following path,

**<Projectfolder>/target/surefire-reports/**

1. **Sample Test suite**

*package com.wellsfargo.accounts.suite;*

*//import org.easetech.easytest.annotation.Report;*

*import org.junit.runner.RunWith;*

*import org.junit.runners.Suite;*

*import com.wellsfargo.accounts.im.InterruptiveMessageServiceTest;*

*import com.wellsfargo.accounts.im.rules.autoconvert.AutoConvertDeliveryPreferenceImRuleTest;*

*import com.wellsfargo.accounts.im.rules.creditcard.CreditCardSplashImRuleTest;*

*import com.wellsfargo.accounts.im.rules.emailbounce.EmailBounceImRuleTest;*

*import com.wellsfargo.accounts.im.rules.osda.OSDA2ImRuleTest;*

*import com.wellsfargo.accounts.im.rules.rollout.DesktopRolloutImRuleTest;*

*import com.wellsfargo.accounts.inquiry.creditcard.CreditCardModelBuilder;*

*import com.wellsfargo.accounts.inquiry.creditcard.CreditCardModelBuilderTest;*

*import com.wellsfargo.accounts.inquiry.retailsalescard.RetailSalesCardModelBuilderTest;*

*import com.wellsfargo.accounts.inquiry.rules.RetirementLinkRulesTest;*

*import com.wellsfargo.accounts.modifyacctlistncknms.rules.NickNameEligibleAccountsRulesForDesktopAndTabletTest;*

*import com.wellsfargo.accounts.modifyacctlistncknms.rules.NickNameEligibleAccountsRulesForPhoneTest;*

*import com.wellsfargo.accounts.start.LandingControllerTest;*

*/\*\**

*\* Test Suite to run all WB Test suites for Desktop Rollout and Parity WB Tests*

*\* @author Karthiga Baskaran(u476998)*

*\**

*\*/*

*//specify a runner class: Suite.class*

*@RunWith(Suite.class)*

*//@Report(outputFormats={Report.EXPORT\_FORMAT.PDF, Report.EXPORT\_FORMAT.XLS}, reportTypes={Report.REPORT\_TYPE.DEFAULT, Report.REPORT\_TYPE.METHOD\_DURATION}, outputLocation="classpath:org/easetech/easytest/reports")*

*//specify an array of test classes*

*@Suite.SuiteClasses({*

*LandingControllerTest.class,*

*InterruptiveMessageServiceTest.class,*

*EmailBounceImRuleTest.class,*

*CreditCardSplashImRuleTest.class,*

*AutoConvertDeliveryPreferenceImRuleTest.class,*

*OSDA2ImRuleTest.class,*

*NickNameEligibleAccountsRulesForDesktopAndTabletTest.class,*

*DesktopRolloutImRuleTest.class,*

*RetirementLinkRulesTest.class,*

*CreditCardModelBuilderTest.class,*

*RetailSalesCardModelBuilderTest.class,*

*NickNameEligibleAccountsRulesForPhoneTest.class}*

*)*

*public class WB\_RunDesktopParityTest {*

*//Do Nothing*

*}*