

Test rail Integration document with Selenium Java framework

Table of Contents

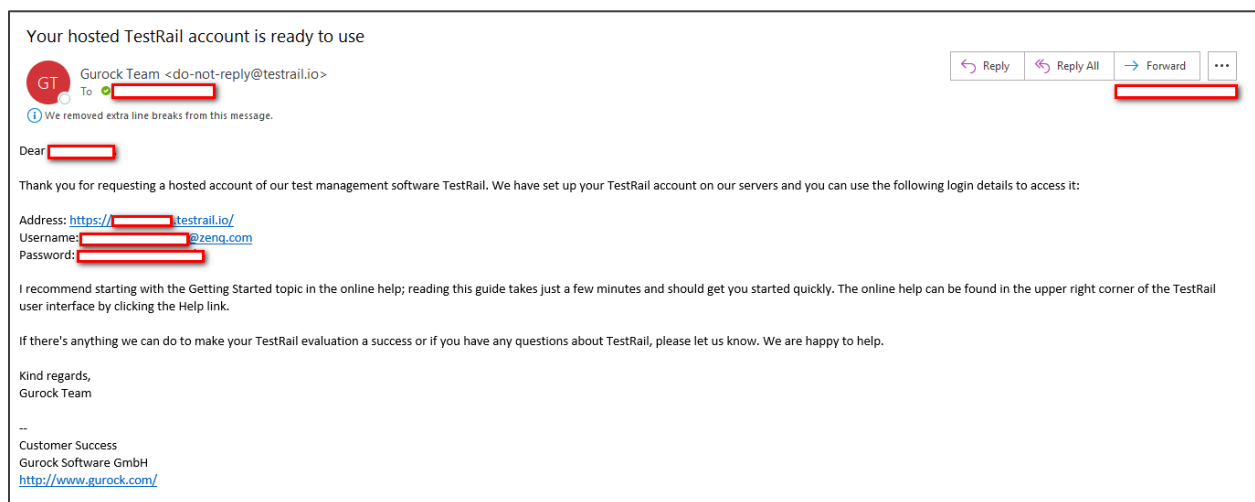
Test rail Integration document with Selenium Java framework.....	1
1. Overview	3
2. Preconditions and Steps To Create Project in Test Rail	3
3. Enable API in the administration area in Test Rail	5
4. Changes needed in Sys.properties file	7
5. Changes needed in test suite	8
6. Update results to test rail using MileStoneID and RunID	9
6.1 Update results to test rail with new milestone and test run	9
6.2 Update results to test rail with existed milestone and with new test run	12
6.3 Update results to test rail with existed milestone and test run	14
7. Code for customization of test rail API methods and integration of test results to test rail.....	16
7.1 Implementation code for customizing test rail API methods	16
7.2 Integration code for updating test results to test rail	20

1. Overview

This document provides explanation about how to integrate the results of your selenium tests with corresponding test in Test rail test management tool

2. Preconditions and Steps To Create Project in Test Rail

1. One should create a Testrail account at "https://www.gurock.com/testrail/" (if already exists, please use it)
2. After creating an account the Testrail details are generated and sent to our registered email account as below:



3. Before integrating test cases follow the steps as below:
 - Create a project in Testrail tool

TestRail QA

DASHBOARD

Add Project

PROJECT ACCESS DEFECTS REFERENCES

Name *

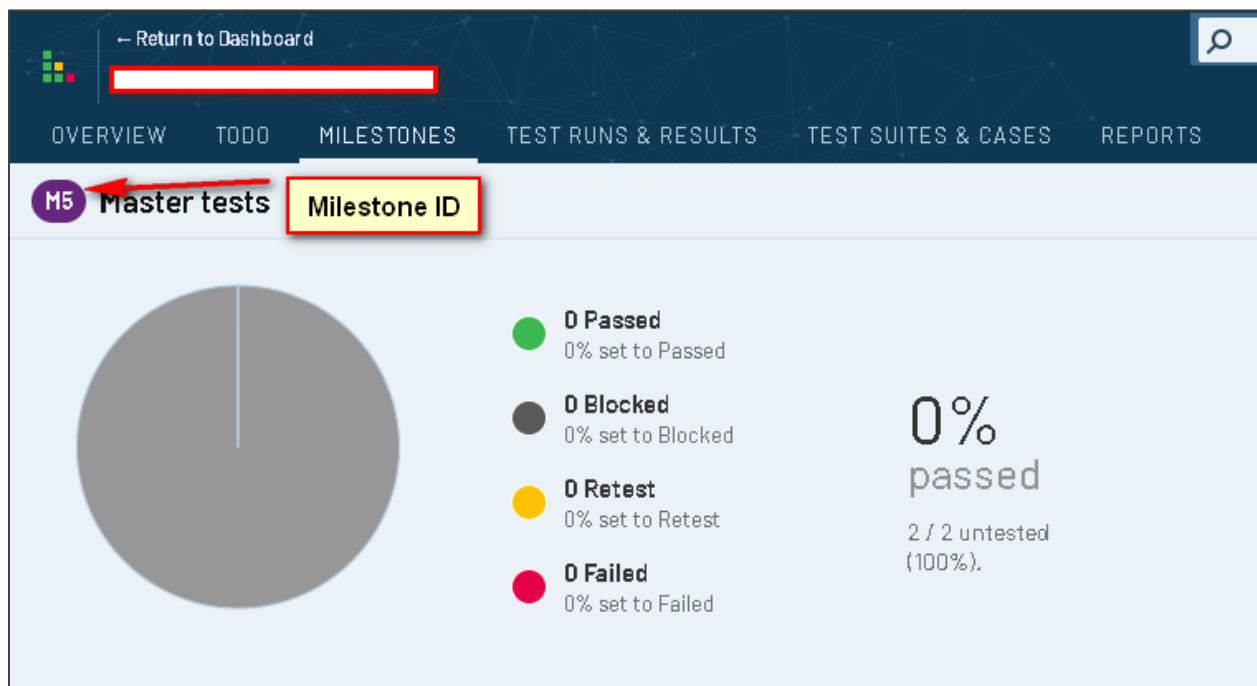
Ex: New Widget, Intranet or Payroll Software

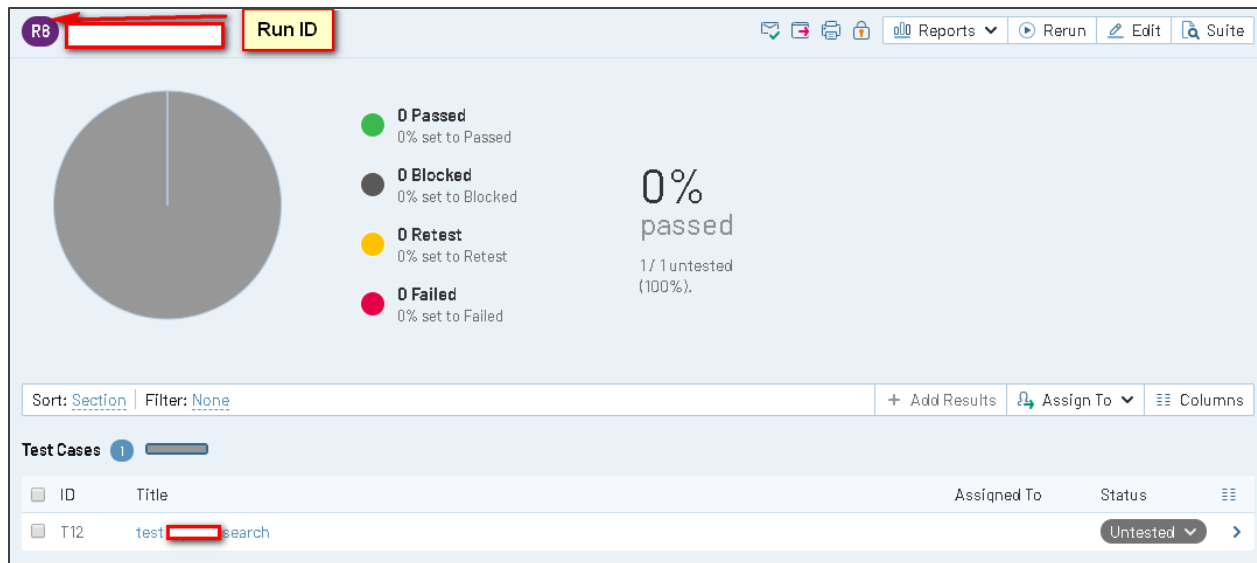
Announcement

You can post an announcement to the project overview page. This could include links to the project's issue tracker or knowledge base, for example.

☐ Show the announcement on the overview page

- Add Milestone and Testrun in the project before adding the test cases





4. Create test case in tool. After Creating Testcase, TestCaseID will be generated as below screenshot-



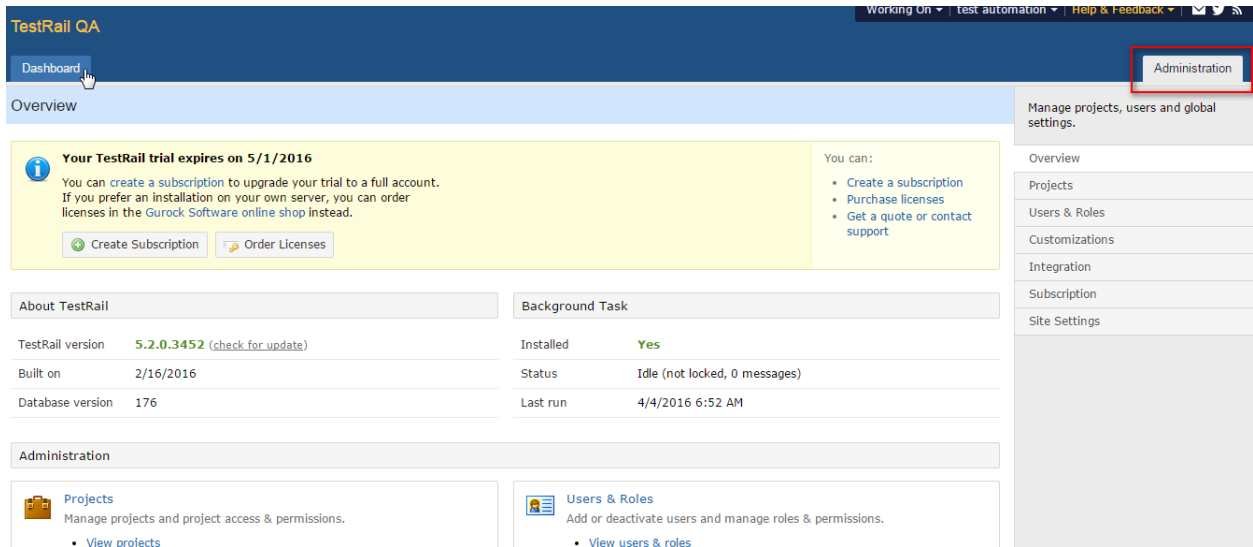
Below changes are needed in selenium framework for updating results in test rail.

3. Enable API in the administration area in Test Rail

User should enable API in the administration area in Test Rail under “Administration > Site Settings > API” before using test rail API in the framework. It can be used to integrate with test automation tools, for UI customizations or for the initial import of projects, test cases, etc.

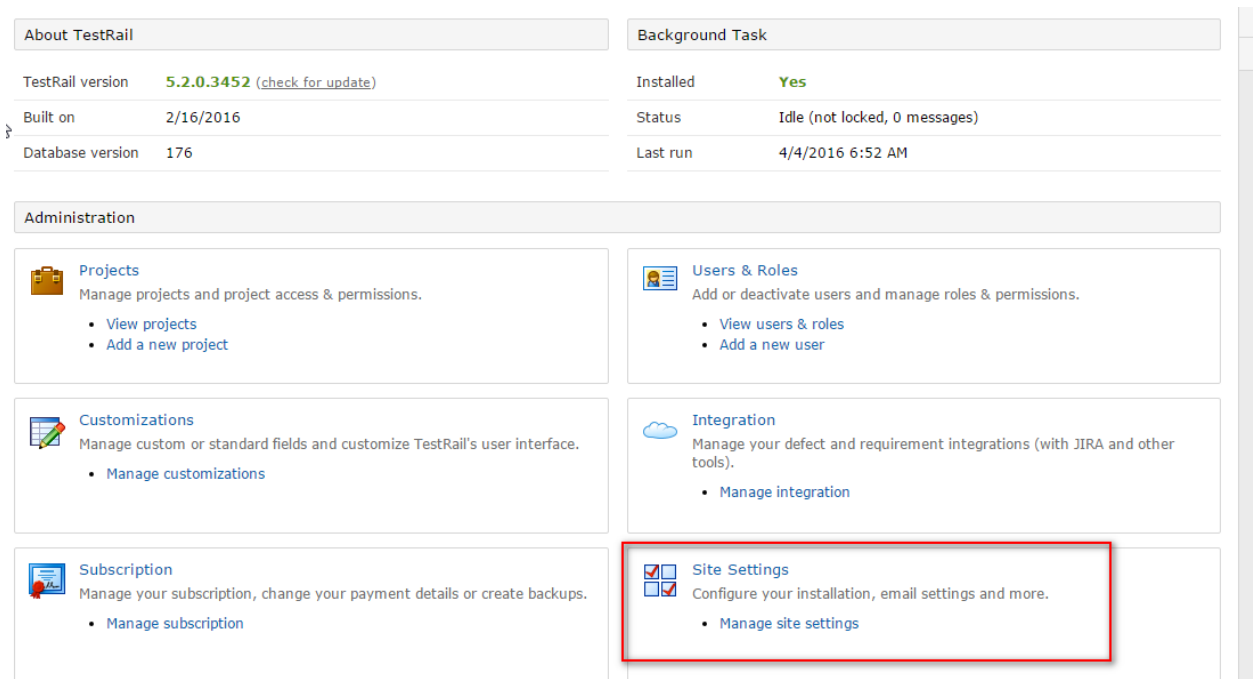
Please look into below screenshots for more details about how to enable API in Test Rail UI

1. Login into Test Rail account. Click on “Administration” tab in Test rail.



The screenshot shows the TestRail QA dashboard. The top navigation bar has a blue header with the TestRail logo and a navigation menu. The 'Administration' tab is highlighted with a red box. Below the navigation bar, there's a sidebar on the right with a list of menu items: Overview, Projects, Users & Roles, Customizations, Integration, Subscription, and Site Settings. The main content area is divided into several sections. At the top, there's a yellow banner about the trial expiration. Below that, there's a section for 'About TestRail' and 'Background Task'. The 'Administration' section is expanded, showing 'Projects' and 'Users & Roles' with their respective descriptions and links.

2. Click on “Manage site settings” link under “Site Settings”



The screenshot shows the TestRail Administration page. The 'Administration' section is expanded, showing 'Projects', 'Users & Roles', 'Customizations', 'Integration', 'Subscription', and 'Site Settings'. The 'Site Settings' section is highlighted with a red box, and the 'Manage site settings' link is also highlighted with a red box.

3. Click on “API” tab under “Site Settings” page

Site Settings

Application Email Login Security User Interface **API**

Installation Name *

TestRail QA

The name of this TestRail installation. The installation name is displayed on the login screen and the dashboard.

Default Language *

English

Determines the default language of the user interface. Users can override their language under My Settings.

Default Locale *

English (United States)

Determines how dates and numbers are formatted by default. Users can override their locale under My Settings.

Default Time Zone *

Use server time zone

Determines the default time zone for dates and times. Users can override their time zone under My Settings.

4. Check the “Enable API” checkbox under “API” tab

Application Email Login Security User Interface **API**

☒ **Enable API**

TestRail's API can be used to integrate with test automation tools, for UI customizations or for the initial import of projects, test cases, etc. [Learn more](#)

☐ **Enable session authentication for API**

Session authentication works by using the session cookie for authenticating API requests. This is useful when calling API methods from [UI scripts](#) (in the context of the current user).

☒ Save Settings ☐ Cancel

4. Changes needed in Sys.properties file

Set appropriate values for below properties in ‘/ConfigFiles/Sys.properties’ file of project.

- ✓ Set ‘true’ if you want to add results to test rail, otherwise set as false.

```
# Set true or false, To update test results to TestRail
UpdateResultsToTestRail = true
```

- ✓ Set valid test rail account details for below properties.

```
# Testrail account details
# Testrail account URL
TestrailServerUrl = https://[redacted].testrail.net
# Testrail account user name
TestrailUsername = [redacted]
# Testrail account password
TestrailPassword = [redacted]
```

- ✓ Set test rail configuration details for below properties

```
# Testrail Configuration details
# Name of the project in test rail consists of test suites
ProjectName = [redacted]
# Existed milestone id, if it is blank new milestone will be created
MilestoneID =
# Existed run id, if it is blank new test run will be created
RunID =
```

5. Changes needed in test suite

Add Test rail test case id in “@UseAsTestRailId” annotation above selenium test method name in test suite. Please see below example for more details.

Open test rail account in web browser manually, find test case id for this test method under test cases tab.

Here 'C1' is the test case id for test case **tc001_addItemToCartAndPurchaseItem**. You should add 'caseId = 1' in "@UseAsTestRailId" annotation above test method in test suite. i.e. **@UseAsTestRailId(caseId = 1)**.

```
/**
 * Purpose- This method contains the logic for 'Add Item To Cart And
 * Purchase Item' Functionality in Opencart Application
 */
@Test(groups = "regression")
@UseAsTestRailId(caseId = 1)
public void tc001_addItemToCartAndPurchaseItem() {
    // Verifies the Open cart application landing page
    orangeHRMLogin.verifyOpenCartLandingPage();
    // Click on 'My Account' link in the landing page
    //openCartLandingPage.clickOnMyAccountLink();
    orangeHRMLogin.enterDetails(openCartTestData.emailAddress, openCartTestData.password);
    // Click on 'Login' link under 'My Account' link
    orangeHRMLogin.clickOnLoginLink();
    orangeHRMLogin.verifyLoginPage();
    boolean activeValue=orangeHRMHome.verifyActiveText( tabName: "Dashboard");
    if(activeValue){
    }
    else{
        Assert.assertTrue(activeValue);
    }
}
```

In the same way you need to add test case id for every test method in your selenium test suite for which you want test result integration with test rail.

6. Update results to test rail using MileStoneID and RunID

6.1 Update results to test rail with new milestone and test run

In this case **new milestone** will be created with **new test run**. Milestone name created with current date and time. Test run name created with suite name. All existed test cases will be added to this test run. Test results for executed scripts will be updated to test run.

Please see below example for more details.

1. Set MileStoneID and RunID properties values as blank

```
# Testrail Configuration details
ProjectName = 
# Existed milestone id, if it is blank new milestone will be created
MilestoneID =
# Existed run id, if it is blank new test run will be created
RunID =
```

2. Add this test suite to TestNG.xml file.

```
<test name="RunTests_On_Firefox_Mac">
  <parameter name="browser-Type" value="chrome"/>
  <parameter name="browser-Version" value="7"/>
  <parameter name="OS-Name" value="mac"/>
  <parameter name="OS-Version" value="7"/>
  <parameter name="Session" value="Testing"/>
  <classes>
    <class name="com.testsuite."/>
  </classes>
</test>
```

3. Double click on 'Run Tests.bat' file from project folder to kick-off the automated tests setup.

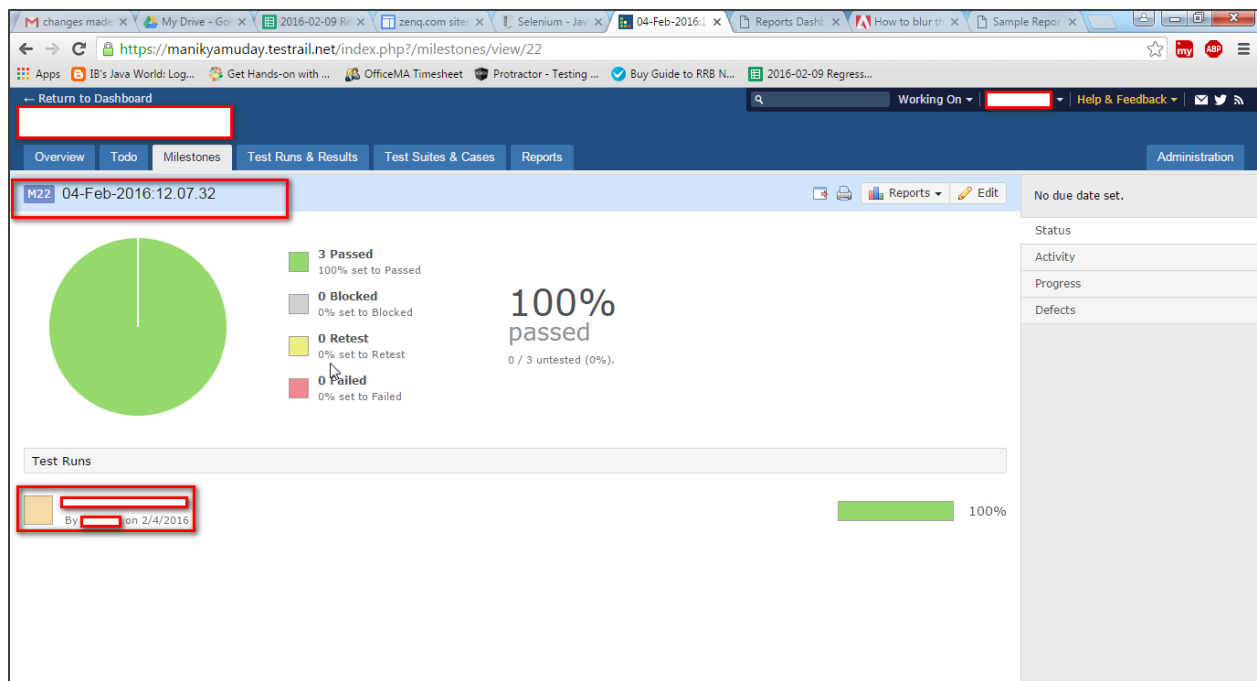
4. New Milestone will be created with new test run before script execution of test suite. Please see below screenshots for more details.

The screenshot shows the TestRail web interface. At the top, there's a navigation bar with tabs: Overview, Todo, Milestones (selected), Test Runs & Results, Test Suites & Cases, and Reports. Below the tabs, the 'Milestones' section is displayed. It lists four milestones. The first three have a 100% completion status (green bar), and the fourth, which is highlighted with a red box, has a 0% completion status (grey bar). The highlighted milestone is '04-Feb-2016:12.07.32' and notes 'There is 1 test run active.' On the right side, there's a summary: '4 active and 0 completed miles in this project.' and an 'Add Milestone' button.

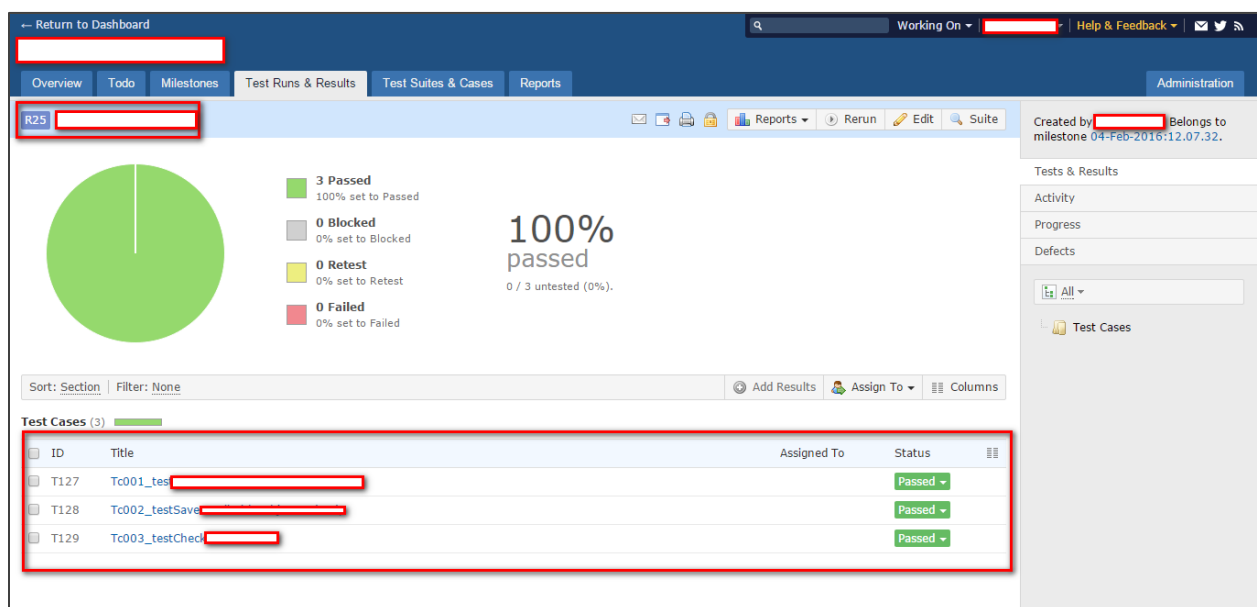
Milestone is created with current date and time as shown in above screenshot.

ii. New milestone created with mile stone id as shown in below screenshot(Mile StoneID will be followed by 'M'). New test run is added to mile stone.

Under Test Runs testrun is created as below screenshot.



iii. Click on created folder under test run, you can see Run ID as shown in below screenshot (RunID followed by 'R'). After completion of scripts execution, results for all test methods in suite file are added to tests as passed.



6.2 Update results to test rail with existed milestone and with new test run

In this case **new test run** will be created under **existed milestone**. Test run name created with suite name. All existed test cases will be added to this test run. Test results for executed scripts will be updated to test run.

Please see below example for more details.

1. Set existed milestone id for MileStoneID and blank for RunID in '/ConfigFiles/Sys.properties' file.

```
# Testrail Configuration details
ProjectName = 
# Existed milestone id, if it is blank new milestone will be created
MileStoneID = 
# Existed run id, if it is blank new test run will be created
RunID =
```

Repeat 2, 3 from section 5.1

2. New test run will be created under Milestone id (MileStoneId as given in step 1 of section 6.2) before execution of test suite. Please see below screenshots for more details.

- i. See existed milestone with id (MileStoneId as given in step 1 of section 6.2). No test runs are available in this milestone.

The screenshot displays the TestRail web application interface. At the top, there is a navigation bar with a search icon, a 'Working On' dropdown menu, and links for 'Help & Feedback', email, and social media. Below the navigation bar is a tabbed interface with 'Overview', 'Todo', 'Milestones', 'Test Runs & Results', 'Test Suites & Cases', 'Reports', and 'Administration'. The 'Milestones' tab is active, showing a list of milestones. The first milestone, 'M20 04-Feb-2016:10.14.38', is highlighted with a red box. To the right of the milestone list, there are icons for 'Reports' and 'Edit', and a 'No due date set.' message. Below the milestone list, there is a pie chart showing the test results for the selected milestone. The chart is divided into four segments: '0 Passed' (0% set to Passed), '0 Blocked' (0% set to Blocked), '0 Retest' (0% set to Retest), and '0 Failed' (0% set to Failed). The overall status is '0% passed' with '0 / 0 untested (0%)'. Below the pie chart, there is a section titled 'Test Runs' with a message: 'There aren't any tests in this milestone.'

ii. After Execution is completed, Go to test rail account and click on milestone id (MileStoneId as given in step 1 of section 6.2). You can see new test run has been created with Executed className

← Return to Dashboard

Working On: [Redacted] | Help & Feedback

Overview | Todo | Milestones | Test Runs & Results | Test Suites & Cases | Reports | Administration

M20 04-Feb-2016 10:14:38

3 Passed
100% set to Passed

0 Blocked
0% set to Blocked

0 Retest
0% set to Retest

0 Failed
0% set to Failed

100% passed
0 / 3 untested (0%).

Test Runs

By [Redacted] on 2/4/2016

100%

No due date set.

Status

Activity

Progress

Defects

iii. Click on new test run created. Here is the new test run id (RunID followed by R). Observe that results for all test methods in suite file are added to newly created test run i.e. passed

← Return to Dashboard

Working On: [Redacted] | Help & Feedback

Overview | Todo | Milestones | Test Runs & Results | Test Suites & Cases | Reports | Administration

R26

3 Passed
100% set to Passed

0 Blocked
0% set to Blocked

0 Retest
0% set to Retest

0 Failed
0% set to Failed

100% passed
0 / 3 untested (0%).

Sort: Section | Filter: None

Add Results | Assign To | Columns

Test Cases (3)

ID	Title	Assigned To	Status
T130	Tc001_testSending [Redacted]		Passed
T131	Tc002_testSave [Redacted]		Passed
T132	Tc003_testCheck [Redacted]		Passed

Created by [Redacted] Belongs to milestone 04-Feb-2016:10:14:38.

Tests & Results

Activity

Progress

Defects

Test Cases

6.3 Update results to test rail with existed milestone and test run

In this case neither milestone nor test run will be created. Adding Test results for executed scripts will be updated to test run using **existed milestone and test run**.

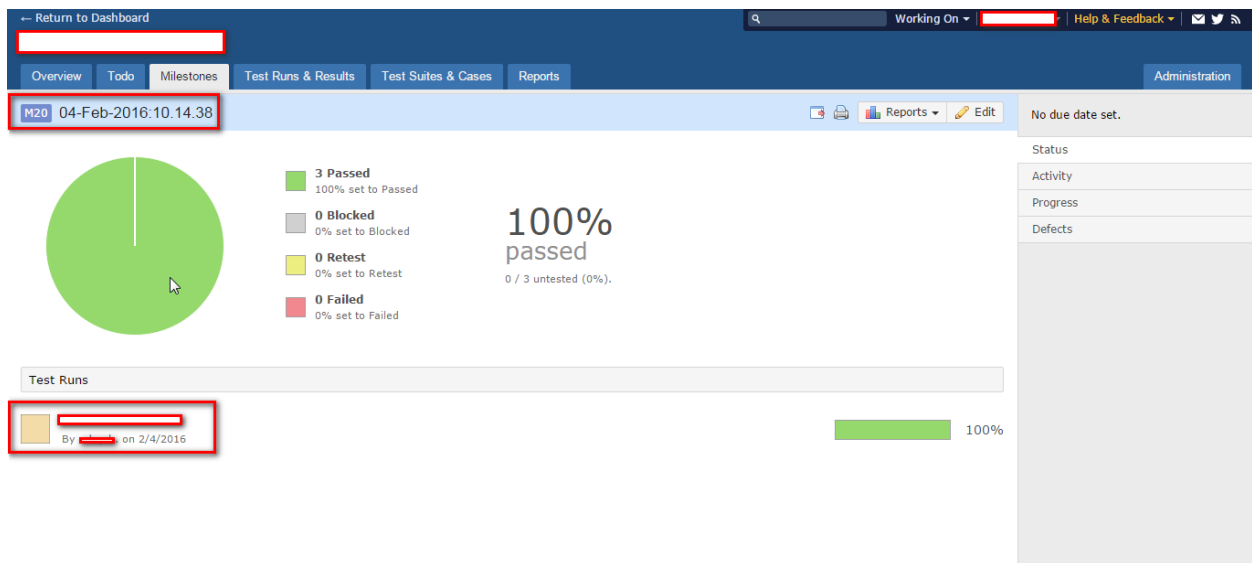
1. Set existed milestone id for MileStoneID and RunID in '/ConfigFiles/Sys.properties' file.

```
# Testrail Configuration details
ProjectName = 
# Existed milestone id, if it is blank new milestone will be created
MileStoneID = 
# Existed run id, if it is blank new test run will be created
RunID = 
```

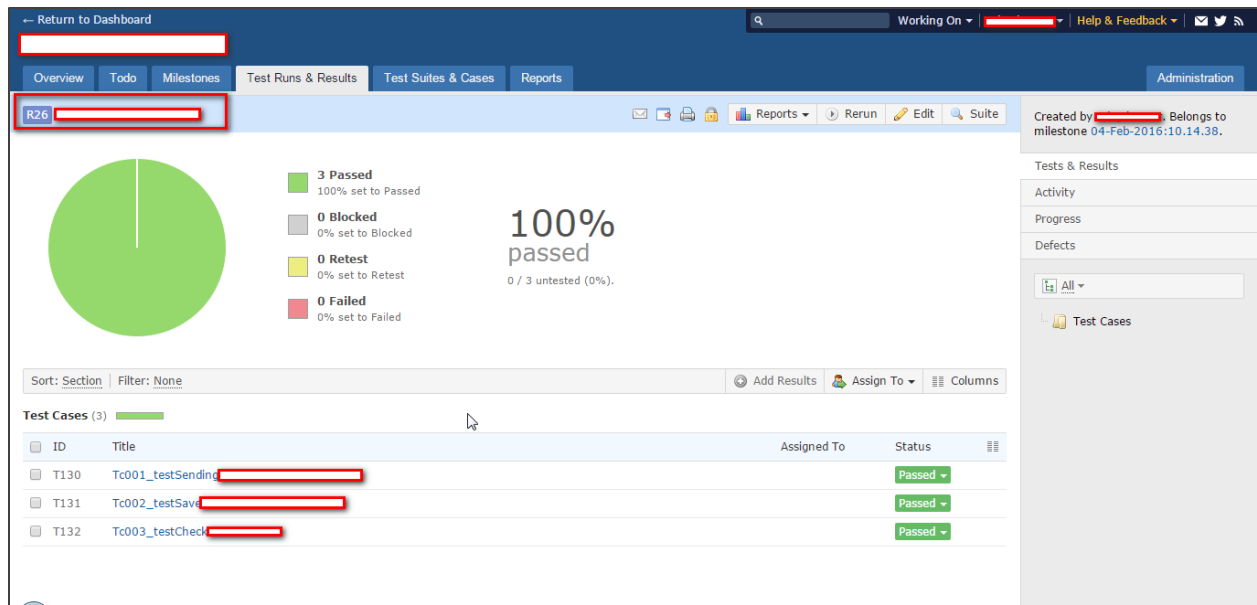
Repeat 2, 3 from section 5.1

2. Using existed milestone and test runs for adding results into testrail.

- i. See existed milestone with id (MileStoneID given in sys.properties) and with existed test run



- ii. Click on existed test run (Available under Test Runs). Here in the existing test run id, observe that results for all test methods in suite file are added to existed test run i.e. passed



Here results are updated and displayed as passed and override the previous results. If you want to see previous test run results, click on individual test case

← Return to Dashboard

Working On: [Redacted] | Help & Feedback

Overview | Todo | Milestones | **Test Runs & Results** | Test Suites & Cases | Reports | Administration

T130 Tc001_test [Redacted]

View Case | Edit Case

Add Result

Add Comment or File

This test is unassigned. [Assign test](#)

Progress

Start Progress

Type: Other | Priority: Medium | Estimate: None | References: None

No additional details available.

Results & Comments | History & Context | Defects

Add a comment ..

Passed	2/4/2016 8:05 AM [Redacted] Edit	testcase passed
Passed	2/4/2016 7:49 AM [Redacted] Edit	testcase passed

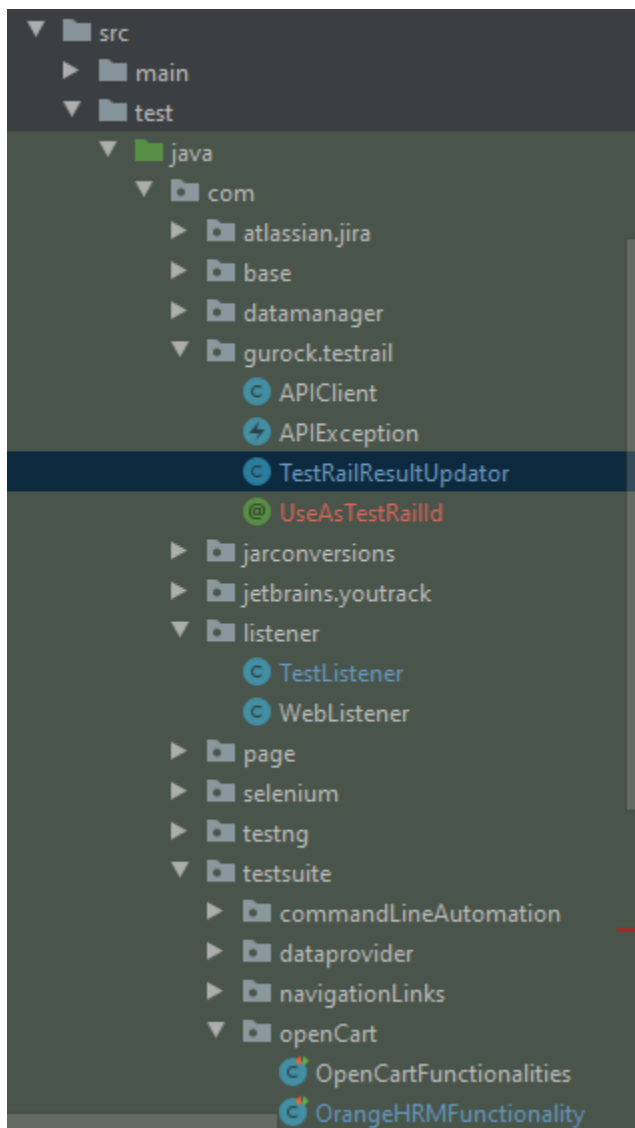
Add Result | Assign To

7. Code for customization of test rail API methods and integration of test results to test rail

This section provides information about location of test rail API code, implementation of customized methods using test rail API and integration code for updating test results into test rail in selenium java framework.

7.1 Implementation code for customizing test rail API methods

Test rail API code exists inside package '**com.gurock.testrail**' and consists of files shown in below screenshot.



1. APIClient.Java

This file contains code of Test Rail API binding for Java. It provides the basic functionality to authenticate API requests, provides seamless JSON and UTF-8 encoding/decoding and has generic support for read and write requests. Download the API from this link <http://docs.gurock.com/testrail-api2/start>

2. APIException.Java

This file contains code for exception of type TestRailAPIException may be thrown in case of an error (connection issues, failed authentication, missing API arguments, etc.) and your code should be prepared to handle this.

3. TestRailResultUpdater.Java

This file contains implementation of customized code i.e. to get testCaseID from test case name, get projects, get cases, create milestones, add test runs, and add test results to test rail using test rail API method. Please see some of the implemented methods shown in below screenshots.

```

public String returnTestId(ITestResult result)
{
    String TestID=null;
    IClass obj = result.getTestClass();
    Class newobj = obj.getRealClass();
    Method[] testMethods = null;
    Method testMethod=null;
    try {
        testMethods=newobj.getMethods();
        for(Method method:testMethods){
            if(method.getName().equalsIgnoreCase(result.getName())){
                testMethod=method;
                break;
            }
        }
    } catch (Exception e) {
        e.printStackTrace();
    }
    if (testMethod.isAnnotationPresent(UseAsTestRailId.class))
    {
        UseAsTestRailId useAsTestName = testMethod.getAnnotation(UseAsTestRailId.class);
        // Get the TestCase ID for TestRail
        TestID = Integer.toString(useAsTestName.caseId());
    }
    return TestID;
}

```

Externally added files can be added to Git
View Files Always Add Don't Ask Again

```

public void addResultToTestRail(int status, int case_id)
{
    Map<String, Object> data=new HashMap<String, Object>();
    //1=Passed, 5=Failed, 6=Skipped
    if(status==1){
        data.put("status_id", 1);
        data.put("comment", "testcase passed");
    }else if(status==2){
        data.put("status_id", 2);
        data.put("comment", "testcase blocked");
    }else if(status==5){
        data.put("status_id", 5);
        data.put("comment", "testcase failed");
    }else if(status==6){
        data.put("status_id", 6);
        data.put("comment", "testcase skipped");
    }
    try {
        boolean flag = false;
        JSONObject response;
        for(String runID : runIds){
            if(getCaseIdsForRun(runID).contains(String.valueOf(case_id))){
                response = (JSONObject)client.sendPost("add_result_for_case/"+runID+"/"+case_id, data);
                if(response.get("id")!=null){
                    log.info("Result Added Successfully into TestRail for case ID : "+case_id);
                    flag = true;
                }
                if(!flag){
                    log.error("Failed to add the result into TestRail");
                }
            }
        }
    }
    catch (IOException | APIException e) {
        log.error("Failed to add result to testrail, Here is the issue: " + e.getMessage());
    }
}

```

```

public String createMilestone(String strProjectId, String strMilestoneName){//
    Map<String, String> data=new HashMap<String, String>();
    data.put("name", strMilestoneName);
    JSONObject response=null;
    try {
        response = (JSONObject)client.sendPost("add_milestone/"+strProjectId,data);
    } catch (IOException | APIException e) {
        log.error(e.getMessage());
    }
    String milestone_id= response.get("id").toString();
    return milestone_id;
}

/**
 * Purpose - To get Suites with given project id
 * @param strProjectId - pass id of the project
 * @return list of suites
 */
public List<String> getSuits(String strProjectId){
    List<String> suites=new ArrayList<String>();
    JSONArray response=null;
    try {
        response = (JSONArray)client.sendGet("get_suites/"+strProjectId);
    } catch (IOException | APIException e) {
        log.error(e.getMessage());
    }
    for(int i=0;i<response.size();i++){
        JSONObject suite=(JSONObject) response.get(i);
        suites.add(suite.get("id")+SEPERATOR+suite.get("name").toString());
    }
    return suites;
}
}

```

Note: This file is useful for any future enhancements like e.g. delete milestones through code.

UseAsTestRailId.Java:

This file creates annotation which can be used above Test case and which accepts the TestCaseld as parameter.

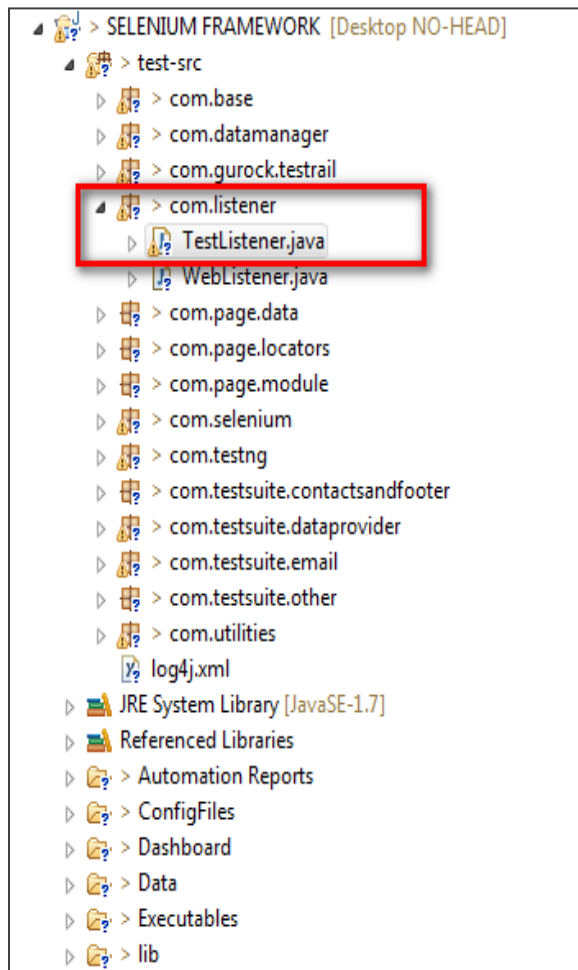
```

@Retention(RetentionPolicy.RUNTIME)
@Target(ElementType.METHOD)
public @interface UseAsTestRailId
{
    int caseId() default 0;
    String[] tags() default "";
}

```

7.2 Integration code for updating test results to test rail

Integration code for updating test results to test rail is implemented in '**TestListener.java**' file. Please see location of file is shown in below screenshot.



Creating milestones and runs before starting execution of test method. This is implemented in **onStart()** method. Please see below screenshot for more detail.

```
@Override
public void onStart(ISuite iSuite) {
    for(File file : UtilityMethods.fileList(DASHBOARD_DIR, ".properties")){
        file.delete();
    }
    File dir=new File(DASHBOARD_DIR);
    if(!dir.exists())
    {
        dir.mkdir();
    }
    createFile(Thread.currentThread().getId());
    ConfigManager suiteFile=new ConfigManager(getFilePath(Thread.currentThread().getId()));
    suiteFile.writeToDashboard("TOTAL_TEST_SCRIPTS", String.valueOf(iSuite.getAllMethods().size()));
    suiteFile.writeToDashboard("SUITE_NAME", iSuite.getName());
    if(!milestoneCreated){
        testRailResultUpdater.createMilestoneAndAddRuns();
        milestoneCreated = true;
    }
}
```

After test method executed, if test is passed **onTestSuccess ()** method will be called and result will be updated as passed to test rail for this test case by getting testcaseId.

```
public void onTestSuccess(ITestResult result) {
    System.out.println();
    depend.writeProperty(result.getName(), sData: "Pass");
    System.setProperty("org.uncommons.reporting.escape-output", "false");
    ITestContext context = result.getTestContext();
    WebDriver driver = (WebDriver) context.getAttribute(s: "driver");
    log.info("#####");
    log.info("SUCCESS -----" + result.getName() + " has passed-----");
    log.info("#####");
    noOfTestsPassed = ++noOfTestsPassed;
    String browserDetails = (String) ((JavascriptExecutor) driver).executeScript(s: "return navigator.userAgent;");
    //String id = getCaseId(result.getName());
    String id = testRailResultUpdater.returnTestId(result);
    updateToTestRail(id, result.getName(), testStatus: 1, UtilityMethods.getBrowserName(browserDetails));
    Reporter.setCurrentTestResult(result);
    String dateAndTime = ScreenCapture.stopVideoCapture(result.getName());
    String sTestName = getTestCaseName(result);
    String sTimeTaken = Long.toString((result.getEndMillis() - result.getStartMillis()) / 1000);
    sTimeTaken = getTimeInMins(sTimeTaken);
    updateRuntimeReport(result, Thread.currentThread().getId(), sTestName, PASSED, sErrorMessage: "", sAbsolutePath: sTimeTaken);
    // UtilityMethods.verifyPopUp();
    String sValue = new ConfigManager().getProperty("VideoCapture");
    sModeOfExecution = new ConfigManager().getProperty("ModeOfExecution");
    String sVideoPath = "";
    if (sValue.equalsIgnoreCase( anotherString: "true") && sModeOfExecution.equalsIgnoreCase( anotherString: "linear")) {
        sVideoPath = testCaseVideoPath + result.getName() + dateAndTime;
    }
}
```

In the same way, failed result will be updated to test rail when test case failed by getting testcaseId. Please see code implemented in **onTestFailure()** method.

```

public void onTestFailure(ITestResult result) {
    String sTestName = getTestCaseName(result);
    depend.writeProperty(result.getName(), sData: "Fail");
    failures.writePropertyForFailures(result.getMethod().getXmlTest().getName(), result.getName(), c: "fail");
    log.error("xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx\n");
    log.error("ERROR -----" + result.getName() + " has failed-----");
    log.error("xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx\n");
    ITestContext context = result.getTestContext();
    WebDriver driver = (WebDriver) context.getAttribute(s: "driver");
    System.setProperty("org.uncommons.reporting.escape-output", "false");
    Reporter.setCurrentTestResult(result);
    // update results to testrail
    String browserDetails = (String) ((JavascriptExecutor) driver).executeScript(s: "return navigator.userAgent;");
    //String id = getCaseId(result.getName());
    String id = testRailResultUpdater.returnTestId(result);
    updateToTestRail(id, result.getName(), testStatus: 5, UtilityMethods.getBrowserName(browserDetails),
        result.getThrowable().getMessage());
    String screenshotName = ScreenCapture.saveScreenshot(driver);
    String screenshot = System.getProperty("user.dir") + fileSeparator + "Automation Reports" + fileSeparator
        + "LatestResults" + fileSeparator + "Screenshots" + fileSeparator + screenshotName;
    Throwable errorMessage = result.getThrowable();
    String sErrorMessage;
    try {
        sErrorMessage = result.getThrowable().getMessage();
    }
}

```

If any test is skipped due to configuration failed then test result will be updated as skipped in test rail by getting testcaselid. Please see below code in **onTestSkipped()** method.

```

public void onTestSkipped(ITestResult result) {
    log.warn("xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx\n");
    log.warn("WARN -----" + result.getName() + " has skipped-----");
    log.warn("xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx\n");
    String sTimeTaken = Long.toString(i: (result.getEndMillis() - result.getStartMillis()) / 1000);
    sTimeTaken = getTimeInMins(sTimeTaken);
    String sTestName = getTestCaseName(result);
    if(sTimeTaken==null){
        updateRuntimeReport(result, Thread.currentThread().getId(), sTestName, SKIPPED,
            sErrorMessage: "-----", sAbsolutImagePath: "null", executionTime: "NA");
    }else{
        updateRuntimeReport(result, Thread.currentThread().getId(), sTestName, SKIPPED,
            result.getThrowable().getMessage(), sAbsolutImagePath: "null", sTimeTaken);
    }

    /* updateRuntimeReport(result, Thread.currentThread().getId(), SKIPPED); */
    depend.writeProperty(result.getName(), sData: "Skip");

    // ***** comment below code if you are using TestNG dependency
    // methods
    ITestContext context = result.getTestContext();
    WebDriver driver = (WebDriver) context.getAttribute(s: "driver");
    String browserDetails = (String) ((JavascriptExecutor) driver).executeScript(s: "return navigator.userAgent;");
    String id = testRailResultUpdater.returnTestId(result);
    updateToTestRail(id, result.getName(), testStatus: 2, UtilityMethods.getBrowserName(browserDetails));
    reporter.setCurrentTestResult(result);
}

```

