**CODE TO RUN PARALLEL TESTING**

package example1.example1;

import java.io.File;

import java.util.concurrent.TimeUnit;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.By;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebDriverException;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.openqa.selenium.ie.InternetExplorerDriver;

import org.testng.Assert;

import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Parameters;

import org.testng.annotations.Test;

public class parallelseleniumcode {

private WebDriver driver;

String baseURL = "http://www.google.com/";

@Parameters({ "browser" })

@BeforeTest

public void openBrowser(String browser) {

try {

if (browser.equalsIgnoreCase("Firefo")) {

System.setProperty("webdriver.gecko.driver", "D:\\firefoxdriver.exe");

driver = new FirefoxDriver();

}

if (browser.equalsIgnoreCase("chrome")) {

System.setProperty("webdriver.chrome.driver","D:\\chromedriver.exe");

driver = new ChromeDriver();

} else if (browser.equalsIgnoreCase("IE")) {

System.setProperty("webdriver.ie.driver","D:\\IEDriverServer.exe");

driver = new InternetExplorerDriver();

}

} catch (WebDriverException e) {

System.out.println(e.getMessage());

}

}

@Test

public void login\_TestCase() throws Throwable {

driver.navigate().to(baseURL);

driver.manage().window().maximize();

WebElement element = driver.findElement(By.name("q"));

// Enter something to search for

element.sendKeys("Cheese!");

// Now submit the form. WebDriver will find the form for us from the element

element.submit();

Thread.sleep(1000);

getscreenshot();

//do something

}

@Test

public void search\_TestCase() {

driver.navigate().to(baseURL);

driver.manage().window().maximize();

//do something

// Check the title of the page

System.out.println("Page title is: " + driver.getTitle());

}

@AfterTest

public void closeBrowser() {

driver.quit();

}

public void getscreenshot() throws Exception

{

File scrFile = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);

//The below method will save the screen shot in d drive with name "screenshot.png"

FileUtils.copyFile(scrFile, new File("D:\\paralleltest"+System.currentTimeMillis()+".png"));

//FileUtils.copyFile(src, new File("C:/selenium/"+System.currentTimeMillis()+".png"));

}

}

**XML FILE**

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

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

<suite name=*"Parallel test suite"* parallel=*"tests"*>

<test name=*"Firefox Test"*>

<parameter name=*"browser"* value=*"Firefox"*/>

<classes>

<class name=*"example1.example1.parallelseleniumcode"*/>

</classes>

</test>

<test name=*"Chrome Test"*>

<parameter name=*"browser"* value=*"chrome"*/>

<classes>

<class name=*"example1.example1.parallelseleniumcode"*/>

</classes>

</test>

<test name=*"Internet Explorer Test"*>

<parameter name=*"browser"* value=*"IE"*/>

<classes>

<class name=*"example1.example1.parallelseleniumcode"*/>

</classes>

</test>

</suite>