**Global Data in Selenium:**

Global data is stored separately in a .properties file and we will use this for retrieving global data like url, username, password etc.

We use Properties class in java to retrieve the data.

**Java Program:**

package testpackage;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.util.Properties;

import org.testng.Assert;

import org.testng.annotations.BeforeSuite;

import org.testng.annotations.DataProvider;

import org.testng.annotations.Test;

public class hltest1 {

@BeforeSuite

public void Login() throws IOException {

Properties prop = new Properties();

FileInputStream fip = new FileInputStream("src/globaldata/data.properties");

prop.load(fip);

System.out.println(prop.getProperty("username"));

System.out.println(prop.getProperty("password"));

System.out.println(prop.getProperty("url"));

}

@Test

public void hlt1() {

System.out.println("hlt1");

}

}

TextNG File:

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

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

<suite name=*"Suite"*>

<test name=*"Test"*>

<classes>

<class name=*"testpackage.hltest1"*/>

</classes>

</test>

</suite>

Data.properties file:

username=padalasubbu

password=vinayaka123

url=http://www.mymail.com

browser=firefox

**2nd Program:**

**Data.properties file:**

username=padalasubbu81@gmail.com

password=vinayaka123

url=http://www.gmail.com

browser=firefox

**gltest.java file: This is the super class**

**package** testpackage;

**import** java.io.FileInputStream;

**import** java.io.FileNotFoundException;

**import** java.io.IOException;

**import** java.util.Properties;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.firefox.FirefoxDriver;

**import** org.testng.Assert;

**import** org.testng.annotations.BeforeSuite;

**import** org.testng.annotations.DataProvider;

**import** org.testng.annotations.Test;

**public** **class** gltest {

WebDriver driver;

Properties prop;

FileInputStream fip;

@BeforeSuite

**public** **void** Login() **throws** IOException {

prop = **new** Properties();

fip = **new** FileInputStream("src/globaldata/data.properties");

prop.load(fip);

String browsertoinvoke = prop.getProperty("browser");

**if**(browsertoinvoke.equalsIgnoreCase("firefox"))

{

System.*setProperty*("webdriver.gecko.driver","./Gecko/geckodriver.exe");

driver = **new** FirefoxDriver();

}

**if**(browsertoinvoke.equalsIgnoreCase("chrome"))

{

System.*setProperty*("webdriver.firefox.driver","./Chrome/chromedriver.exe");

driver = **new** FirefoxDriver();

}

**if**(browsertoinvoke.equalsIgnoreCase("id"))

{

System.*setProperty*("webdriver.ie.driver","./Chrome/ie.exe");

driver = **new** FirefoxDriver();

}

}

}

**Login.java – This is child class**

**package** testpackage;

**import** org.openqa.selenium.By;

**import** org.testng.annotations.Test;

**public** **class** login **extends** gltest{

@Test

**public** **void** logingmail(){

String browsertoinvoke = prop.getProperty("url");

String uname = prop.getProperty("username");

String pwd = prop.getProperty("passsword");

System.***out***.println("invoking "+browsertoinvoke);

driver.get(browsertoinvoke);

//driver.findElement(By.xpath("//div[@class='gmail-nav\_\_nav-links-wrap']/a[2]")).click();

driver.findElement(By.*xpath*("//input[@id='identifierId']")).sendKeys(uname);

driver.findElement(By.*xpath*("//div[@id='identifierNext']/content/span")).click();

driver.findElement(By.*xpath*("//input[@name='password']")).sendKeys(pwd);

}

}