Selenium Sudhakar

[Java](#) [SQL](#) [Agile_Scrum](#) [CUCUMBER](#) [GuideWIre](#)

Browser	Selenium Grid	Day_013_InvocationCount	TestNG Annotations	Day_018_Waits
Get_vs_Navigate	Selenium Limitations	Day_005_TestNG_DataProvider_Lab1	TestNG_Parameters1	Day_019_Frames
Day_004_Dropdown	Selenium Featues	Day_006_TestNG_DataProvider_Lab2	Day_014_015_Parallel_Methods_Test	Day_020_Multiple_Windows
OR1_applicationProperties	Selenium Challanges	Day_007_Browser_Compatability_Tes	Day_016_ParallelClasses	Day_021_Java_Script_Executer
OR1_Excel	Web Table	Day_025_ExcelUtil_Apache_POI	Day_017_Multiple_Suites	Day_022_Action_class
Xpath_vs_cssSelector	Capcha	Proxy Setting	Day_032_TestNG_Groups	Day_027_Alerts
cssSelector	Assertions	Dimesions	Day_034_TestNG_Listeners	Day_026_TakeScreenShot
Day_024_Advanced_Xpaths	Page Object Model	Keyword Driven	TestNG_Priority	Day_023_Robot_Class
Day_41_Exceptions	Page Factory Model	Interfaces	dependsOnMethods	Day_025_ExcelUtil_Apache_POI
Web Element Border	Web Element Color	Classes in Selenium	BrokenLinks	Emailable Report
Locators in Selenium	FindElement vs Find Elements	Number of Hyperlinks	Extent Report1	SSL Certificate
Page Load Strategy	Relative Locators	Selenium Suite	Chrome Options	Preserve Order
Maven Life Cycle - Pom.xml	HeadLess Browser	is Displayed - is Enabled - is Selected	Navigate_Get	Quit_Close
			Tell me about your self	HeadLess Browser
is Displayed - is Enabled - is Selected	Navigate_Get	Quit_Close		

application.Properties

```java
import java.io.FileInputStream;
import java.util.Properties;

public class TC03_xpath3
{
    static WebDriver driver;

    @Test
    public void Test2() throws Exception {

        Properties obj=new Properties();
        FileInputStream fis=new FileInputStream(System.getProperty("user.dir")+"//TestData//application.properties");
        obj.load(fis);

        driver = TestBrowser.OpenChromeBrowser();
        String TestURL = "https://opensource-demo.orangehrmlive.com/";
        driver.get(TestURL);

        String str=obj.getProperty("UserName");
        System.out.println("xpath is : "+str);

        findElement(By.xpath(obj.getProperty("UserName"))).sendKeys("Admin");
        findElement(By.xpath(obj.getProperty("Password"))).sendKeys("admin123");
        findElement(By.xpath(obj.getProperty("Loginbutton"))).click();

        findElement(By.xpath(obj.getProperty("Admin"))).click();
        findElement(By.xpath(obj.getProperty("Nationality"))).click();
    }
}
```

application.properties

Package Explorer
- test-output
- TestData
  - application.properties
- TestReport
- circute.json
- debug.log

```
1 UserName=//*[@id='txtUsername']
2 Password=//*[@id='txtPassword']
3 Loginbutton=//*[@id='btnLogin']
4 Admin=//*[@id='menu_admin_viewAdminModule']/b
5 Nationality=//*[@id='menu_admin_nationality']
```

We can able to store Object Repository Xpaths,CSSSelectors in Key=Value pairs by using Application Properties file

If you change the value in properties file, we don't need to recompile the java class. So, it makes the application easy to manage.

Object Repository 1:

```
application.properties ⊠
1 UserName=//*[@id='txtUsername']
2 Password=//*[@id='txtPassword']
3 LoginButton=//*[@id='btnLogin']
```

```
findElement(By.xpath(obj.getProperty("UserName")));
findElement(By.xpath(obj.getProperty("Password")));
findElement(By.xpath(obj.getProperty("LoginButton")));
```

```java
// Load the properties File
Properties obj = new Properties();

FileInputStream objfile = new
FileInputStream(System.getProperty("user.dir")+"\\application.properties");

obj.load(objfile);
```

```java
package propertiesfile;
import java.io.FileOutputStream;
import java.io.IOException;
import java.util.Properties;
public class PropertyFileWriting {
    public static void main(String args[]) {
        Properties prop = new Properties();
        try {
            // set the properties value
            prop.setProperty("Gujarat", "Gandhinagar");
            prop.setProperty("Maharashtra", "Mumbai");
            prop.setProperty("Madhya_Pradesh", "Indore");
            prop.setProperty("Rajasthan", "Jaipur");
            prop.setProperty("Punjab", "mkyong");
            prop.setProperty("Uttar_Pradesh", "Lucknow");
            // save properties to project root folder
            prop.store(new FileOutputStream("capitals.properties"), null);
        } catch (IOException ex) {
            ex.printStackTrace();
        }

    }
}
```