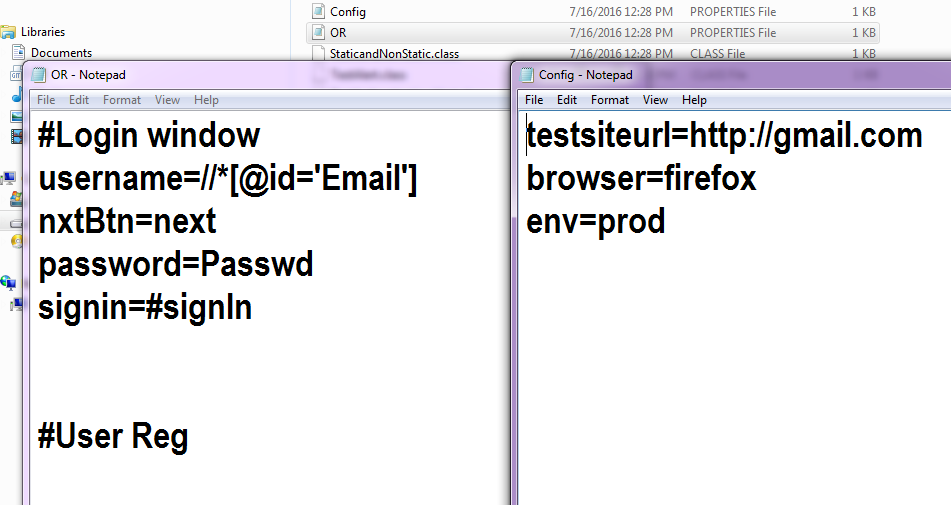
why properties files.

Let's say we have property file like "OR.properties", it means Object Repository properties. The idea to have such file to put locators of all web elements, which we want to locate while automating the website.

Refer (OR.properties; config.properties; TestProperties.java)



**How to have centerlized place of collection of web elements, that we want to locate and configuration kind of part**

For doing this create file (Right click on project => file => type (elements.properties {for collection of locating web element along with xpath} ; config.properties {for collection of configuration settings like page url, browser type, enviornment settings})

**how config.properties look alike**

testsiteurl=http://gmail.com

browser=firefox

env=prod

**how elements properties looks alike**

#Login window

username=//\*[@id='Email']

nxtBtn=next

password=Passwd

signin=#signIn

#User Reg

#Compose Email

**How to read properties file**

**How to capture entire page screen shot and store into some file.**

***import java.io.File;***

***import java.io.FileInputStream;***

***import java.io.IOException;***

***import java.util.Properties;***

***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.chrome.ChromeDriver;***

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

***import org.openqa.selenium.ie.InternetExplorerDriver;***

***public class TestProperties {***

***public static WebDriver driver;***

***public static void captureScreenshot(String path) throws IOException{***

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

***FileUtils.copyFile(scrFile, new File(path));***

***}***

***public static void main(String[] args) throws IOException {***

***Properties OR = new Properties();***

***Properties Config = new Properties();***

***System.out.println(System.getProperty("user.dir")); //will print working directory path***

***FileInputStream fis = new FileInputStream(System.getProperty("user.dir")+"\\src\\OR.properties");***

***OR.load(fis);***

***fis = new FileInputStream(System.getProperty("user.dir")+"\\src\\Config.properties");***

***Config.load(fis);***

***System.out.println(OR.getProperty("username"));***

***System.out.println(Config.getProperty("testsiteurl"));***

***if(Config.getProperty("browser").equals("firefox")){***

***driver = new FirefoxDriver();***

***}else if(Config.getProperty("browser").equals("ie")){***

***driver = new InternetExplorerDriver();***

***}if(Config.getProperty("browser").equals("chrome")){***

***driver = new ChromeDriver();***

***}***

***driver.get(Config.getProperty("testsiteurl"));***

***driver.findElement(By.xpath(OR.getProperty("username"))).sendKeys("rajanitclasses@gmail.com");***

***driver.findElement(By.id(OR.getProperty("nxtBtn"))).click();***

***captureScreenshot("f:\\screenshot\\newscreenshot.jpg");***

***}***

***}***