

9th April

How to read common values from the properties file

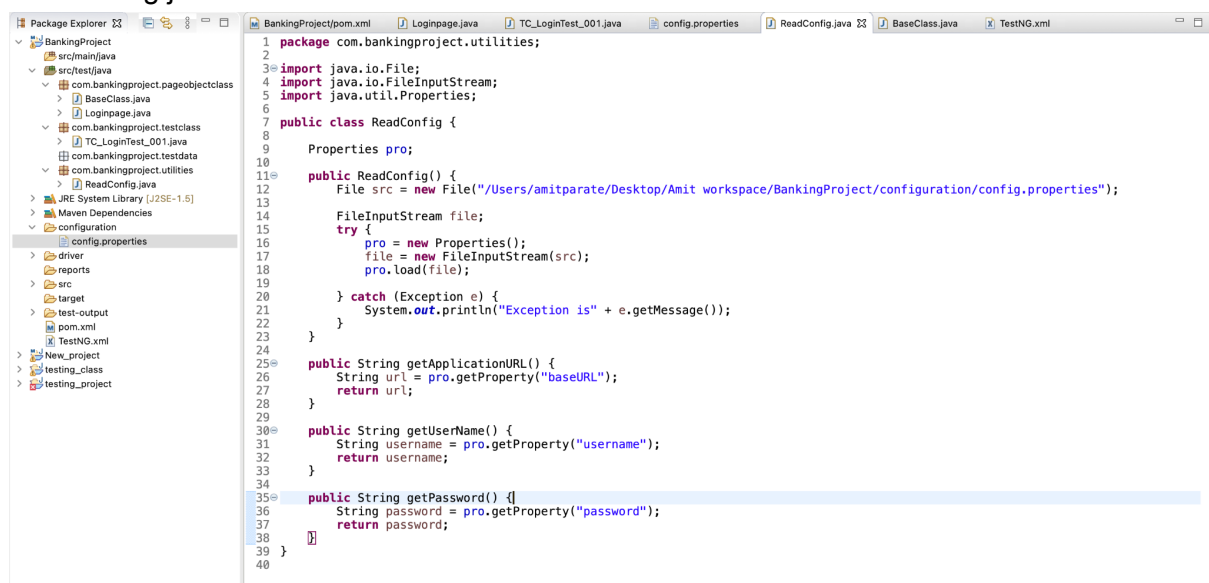
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- To keep all the variables in the folder, we create file named as configure.properties inside configuration folder.
- To read this file we required to create ReadConfig.java class in utility package
- ReadConfig.java class is the utility class which helps in reading the config file from the base class.
- Add the variables and its value inside the config.properties file without any access modifiers, double quote and semicolon.
- Read config class is similar to POM class
- First we need to read the variables and then load.

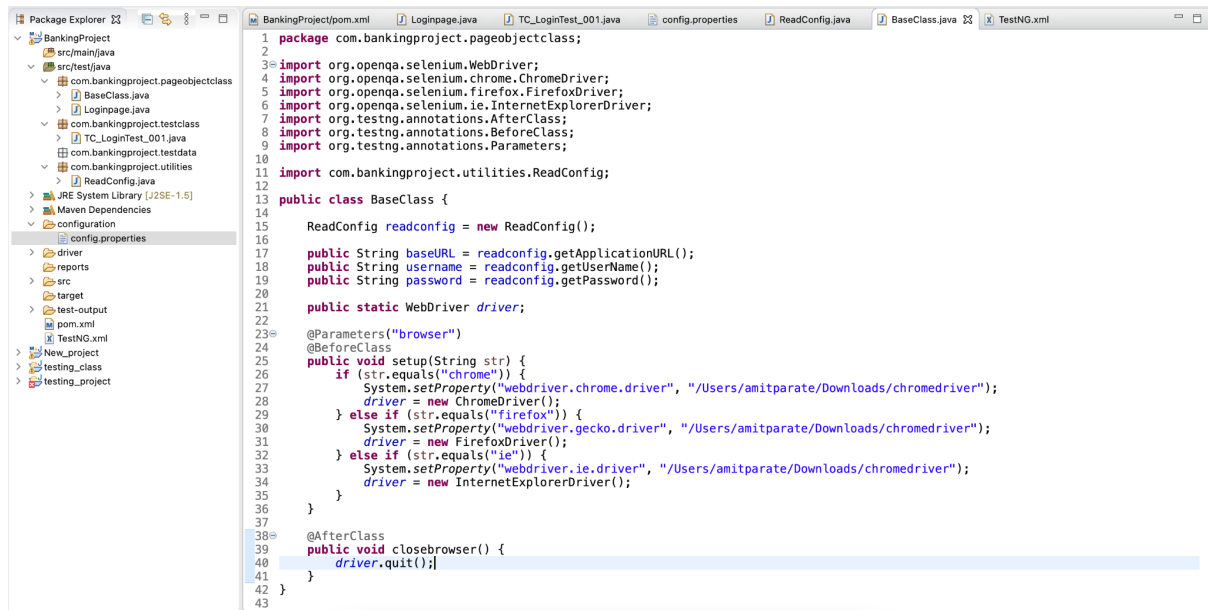
Config.properties file >>



ReadConfig.java >>



Changes in base class >>




```
1 package com.bankingproject.pageobjectclass;
2
3 import org.openqa.selenium.WebDriver;
4 import org.openqa.selenium.chrome.ChromeDriver;
5 import org.openqa.selenium.firefox.FirefoxDriver;
6 import org.openqa.selenium.ie.InternetExplorerDriver;
7 import org.testng.annotations.AfterClass;
8 import org.testng.annotations.BeforeClass;
9 import org.testng.annotations.Parameters;
10
11 import com.bankingproject.utilities.ReadConfig;
12
13 public class BaseClass {
14
15     ReadConfig readconfig = new ReadConfig();
16
17     public String baseUrl = readconfig.getApplicationURL();
18     public String username = readconfig.getUserName();
19     public String password = readconfig.getPassword();
20
21     public static WebDriver driver;
22
23     @Parameters("browser")
24     @BeforeClass
25     public void setup(String str) {
26         if (str.equals("chrome")) {
27             System.setProperty("webdriver.chrome.driver", "/Users/ amitparate/Downloads/chromedriver");
28             driver = new ChromeDriver();
29         } else if (str.equals("firefox")) {
30             System.setProperty("webdriver.gecko.driver", "/Users/ amitparate/Downloads/chromedriver");
31             driver = new FirefoxDriver();
32         } else if (str.equals("ie")) {
33             System.setProperty("webdriver.ie.driver", "/Users/ amitparate/Downloads/chromedriver");
34             driver = new InternetExplorerDriver();
35         }
36     }
37
38     @AfterClass
39     public void closebrowser() {
40         driver.quit();
41     }
42 }
43
```

How to run the test cases on multiple browser

=====

- For this we required testng.xml file
- From testng.xml file we need to pass browser as parameter either it can be chrome, firefox or internet explorer.
- Based on parameter we pass the setup method will launch the browser and the all methods are going to run on the browser.
- Browser property we set into the baseclass, so by using @parameters annotation we need to set the different parameter for different browsers.
- We use if else ladder statement for the multiple browser.
- Create the xml file , go to file > new > Other > xml file > rename > TestNG.xml

TestNG.xml file >>



```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd" >
3
4 <suite name="BankingProject">
5
6     <test name="BankingTest">
7
8         <parameter name="browser" value="firefox" />
9         <classes>
10             <class name="com.bankingproject.testclass.TC_LoginTest_001" />
11             <class name="com.bankingproject.testclass.TC_LoginTest_002" />
12         </classes>
13     </test>
14 </suite>
15
```