

11th April

## How to use extent report in selenium framework

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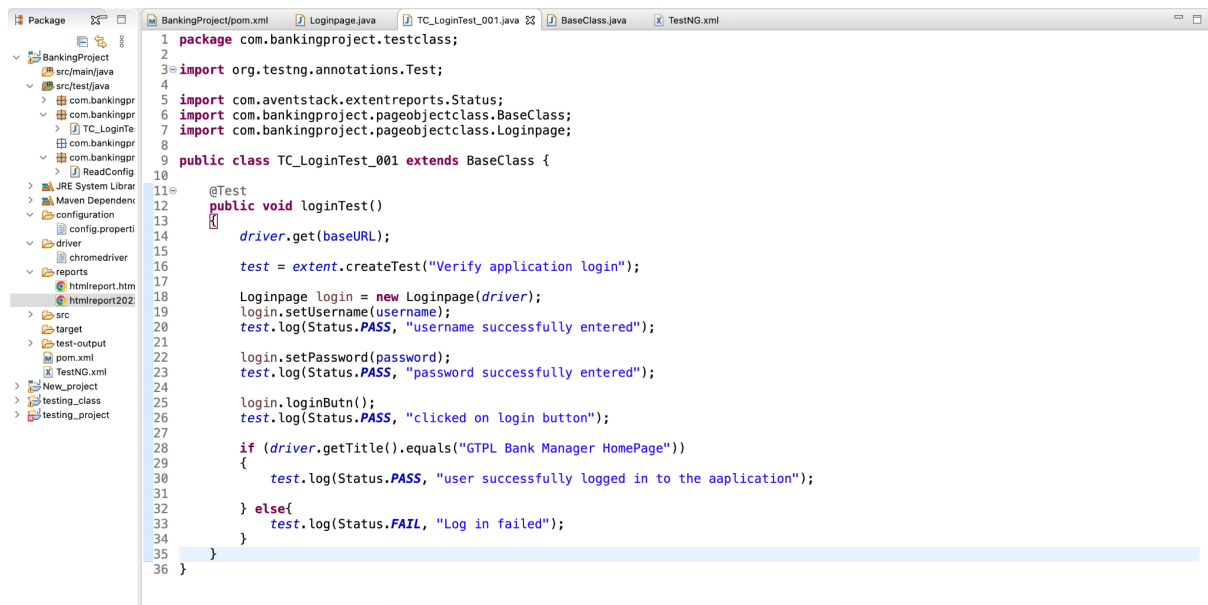
- We need to add extent report dependencies into pom.xml file from below link  
<https://mvnrepository.com/artifact/com.aventstack/extentreports/5.0.9>

### Changes in base class >>



```
26 public String baseUrl = readconfig.getApplicationURL();
27 public String username = readconfig.getUserName();
28 public String password = readconfig.getPassword();
29
30 public static ExtentSparkReporter sparkreport;
31 public static ExtentReports extent;
32 public static ExtentTest test;
33
34 @BeforeSuite
35 public void setReport() {
36     sparkreport = new ExtentSparkReporter("/Users/ amitparate/Desktop/ Amit workspace/ BankingProject/ reports/ htmlreport" + LocalDateTime.now().toString().replace(":", "-") + ".html");
37     extent = new ExtentReports();
38     extent.attachReporter(sparkreport);
39     extent.setSystemInfo("Operating System", "Windows");
40     extent.setSystemInfo("Environment", "QA");
41     sparkreport.config().setReportName("Integration Test Execution");
42     sparkreport.config().setDocumentTitle("QA Automation Testing Report");
43     sparkreport.config().setTheme(Theme.STANDARD);
44 }
45
46 @Parameters({"browser"})
47 @BeforeClass
48 public void setup(String str) {
49     if (str.equals("chrome")) {
50         System.setProperty("webdriver.chrome.driver", "/Users/ amitparate/ Documents/ chromedriver");
51         driver = new ChromeDriver();
52     } else if (str.equals("firefox")) {
53         System.setProperty("webdriver.gecko.driver", "/Users/ amitparate/ Documents/ geckodriver");
54         driver = new FirefoxDriver();
55     }
56 }
57
58 @AfterClass
59 public void closebrowser() {
60     driver.quit();
61 }
62
63 @AfterSuite
64 public void endReport() {
65     extent.flush();
66 }
67 }
68 }
```

### Changes in test class >>



```
1 package com.bankingproject.testclass;
2
3 import org.testng.annotations.Test;
4
5 import com.aventstack.extentreports.Status;
6 import com.bankingproject.pageobjectclass.BaseClass;
7 import com.bankingproject.pageobjectclass.Loginpage;
8
9 public class TC_LoginTest_001 extends BaseClass {
10
11     @Test
12     public void loginTest() {
13
14         driver.get(baseUrl);
15
16         test = extent.createTest("Verify application login");
17
18         Loginpage login = new Loginpage(driver);
19         login.setUsername(username);
20         test.log(Status.PASS, "username successfully entered");
21
22         login.setPassword(password);
23         test.log(Status.PASS, "password successfully entered");
24
25         login.loginBtn();
26         test.log(Status.PASS, "clicked on login button");
27
28         if (driver.getTitle().equals("GTPL Bank Manager HomePage")) {
29             test.log(Status.PASS, "user successfully logged in to the application");
30         } else {
31             test.log(Status.FAIL, "Log in failed");
32         }
33     }
34 }
35
36 }
```

Note > link to download gecko driver >> <https://github.com/mozilla/geckodriver/releases>