

How to perform crossbrowser testing?

1. Use Browserstack site to run your test on different browser and UI configurations.

2. Create maven project

3. use

```
MutableCapabilities caps = new MutableCapabilities();
```

```
WebDriver driver = new RemoteWebDriver(new URL ("https://hub.browserstack.com/wd/hub"), caps);
```

```
driver.get("http://www.saucedemo.com");
```

4. capabilities means different configurations. here caps are just dummy actual capabilities we send through .yaml file

5. Create one browserstack.yaml file at project level.

6. go to browserstack documents at Update the browserstack.yaml config file copy code and paste in your yaml file

7. like below two dependency is there in SDK section. To run browserstack.yaml we need to add these in our pom.xml

8. Also add below plugin in plugin section of pom.xml which is also just below of above code.

9. Now run TestNG class

10. Refresh browserstack/selenium /java/testNG you will get result

Note:

1. Dependency for step 7

```
<dependency>
```

```
  <groupId>com.browserstack</groupId>
```

```
  <artifactId>browserstack-java-sdk</artifactId>
```

```
  <version>LATEST</version>
```

```
  <scope>compile</scope>
```

```
</dependency>
```

```
<argLine>
```

```
  -javaagent:${com.browserstack:browserstack-java-sdk:jar}
```

```
</argLine>
```

2. Plugin for step 8

```
<plugin>
```

```
  <artifactId>maven-dependency-plugin</artifactId>
```

```
  <executions>
```

```
    <execution>
```

```
      <id>getClasspathFileNames</id>
```

```
      <goals>
```

```
        <goal>properties</goal>
```

```
      </goals>
```

```
    </execution>
```

```
  </executions>
```

```
</plugin>
```

```
<plugin>
```

```
  <groupId>org.apache.maven.plugins</groupId>
```

```
  <artifactId>maven-surefire-plugin</artifactId>
```

```
  <version>3.0.0-M5</version>
```

```
  <configuration>
```

```
    <suiteXmlFiles>
```

```
      <suiteXmlFile>config/sample-local-test.testng.xml</suiteXmlFile>
```

```
    </suiteXmlFiles>
```

```
    <argLine>
```

```
      -javaagent:${com.browserstack:browserstack-java-sdk:jar}
```

```
    </argLine>
```

```
  </configuration>
```

```
</plugin>
```

