

Pre-requisites - Selenium jars should be added to the project.

This is covered in the earlier session on this series. Lecture 5 - How to write first Selenium script (java) - 5 Easy Steps

Today we will learn :

1. What is HtmlUnit Driver
2. How to run test with HtmlUnit Driver

```
HtmlUnitDriver driver = new HtmlUnitDriver();  
driver.get("http://seleniumhq.org/");
```

3. How to emulate other browsers

```
HtmlUnitDriver driver = new HtmlUnitDriver  
( BrowserVersion.CHROME );
```

Helpful Tips:

How to confirm and validate that your test ran on some specific browser

```
WebClient webClient = (WebClient) get(driver, "webClient");
```

```
private static Object get(Object object, String field) throws  
Exception {  
    Field f = object.getClass().getDeclaredField(field);  
    f.setAccessible(true);  
    return f.get(object);  
}
```

Interview Section:

Q. What is HtmlUnit Driver technically in Selenium library.

References:

HtmlUnit Browser - <https://en.wikipedia.org/wiki/HtmlUnit>
HtmlUnit Driver - <https://github.com/SeleniumHQ/selenium/wiki/HtmlUnitDriver>

HtmlUnitDriver documentation - <http://seleniumhq.github.io/htmlunit-driver/org/openqa/selenium/htmlunit/HtmlUnitDriver.html#HtmlUnitDriver-com.gargoylesoftware.htmlunit.BrowserVersion->

Webdriver documentation - <http://seleniumhq.github.io/selenium/docs/>

api/java/
