Seleniumworks

Wednesday, 28 August 2013

Page Scroll using Selenium WebDriver

Scroll Down:

```
import org.openqa.selenium.JavascriptExecutor;
WebDriver driver = new FirefoxDriver();
JavascriptExecutor jse = (JavascriptExecutor)driver;
jse.executeScript("scroll(0, 250)"); //y value '250' can be altered
```

Scroll up:

```
JavascriptExecutor jse = (JavascriptExecutor)driver;
jse.executeScript("scroll(250, 0)"); //x value '250' can be altered
```
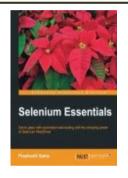
Scroll bottom of the Page:

```
JavascriptExecutor jse = (JavascriptExecutor)driver;
jse.executeScript("window.scrollTo(0,Math.max(document.documentElement.scrollHeight,document.body.scrollHeight,document.documentElement.clientHeight));");
```
(or)
```
Actions actions = new Actions(driver);
actions.keyDown(Keys.CONTROL).sendKeys(Keys.END).perform();
```

Full scroll to bottom in slow motion:

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```java
for (int second = 0;; second++) {
    if(second >=60){
        break;
    }
    ((JavascriptExecutor) driver).executeScript("window.scrollBy(0,400)", ""); //y value '400' can be altered
    Thread.sleep(3000);
}
```
(or)
```java
JavascriptExecutor jse = (JavascriptExecutor)driver;
for (int second = 0;; second++) {
    if(second >=60){
        break;
    }
    jse.executeScript("window.scrollBy(0,800)", ""); //y value '800' can be altered
    Thread.sleep(3000);
}
```

Scroll automatically to your WebElement:

```java
Point hoverItem =driver.findElement(By.xpath("Value")).getLocation();
((JavascriptExecutor)driver).executeScript("return window.title;");
Thread.sleep(6000);
((JavascriptExecutor)driver).executeScript("window.scrollBy(0,"+(hoverItem.getY())+");");
// Adjust your page view by making changes right over here (hoverItem.getY()-400)
```
(or)
```java
((JavascriptExecutor)driver).executeScript("arguments[0].scrollIntoView();",
driver.findElement(By.xpath("Value')]")));
```
(or)
```java
WebElement element = driver.findElement(By.xpath("Value"));
Coordinates coordinate = ((Locatable)element).getCoordinates();
coordinate.onPage();
coordinate.inViewPort();
```

Posted by Prashanth sams at 01:43

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