Cheatography

Selenium webdriver js for cucumber js Cheat Sheet

by Mpie (mpie) via cheatography.com/29519/cs/8677/

Fetching a Page

Method	Example
get()	this.driver.get('http://www.google.com');

Getting text values

```
var element = this.driver.findElement(this.driver.By.id('elementID'));
element.getText().then(text => console.log('Text is '));
```

Finders

Method	Example	Purpose
findElement(by)	this.driver.findElement({id: 'MyId'});	Finds the first element located by the provided method.
findElements(by)	this.driver.findElements({id: 'MyId'});	Finds all elements located by the provided method.

Moving Between Windows and Frames

Method	Example	Purpose
window()	this.driver.switchTo().window('windowName');	moving between named windows
frame()	this.driver.switchTo().frame('frameName');	moving between named frames

Locating UI Elements

Method	Example	Shorthand
id()	this.driver.findElement(this.driver.By.id('MyId'));	this.driver.findElement({id: 'MyId'});
className()	this.driver.findElement(this.driver.By.className('MyClassName'));	this.driver.findElement({className: 'MyClassName'});
tagName()	this.driver.findElement(this.driver.By.tagName('img'));	this.driver.findElement({tagName: 'img'});
name()	this.driver.findElement(this.driver.By.name('username'));	this.driver.findElement({name: 'username'});
linkText()	this.driver.findElement(this.driver.By.linkText('click here!'));	this.driver.findElement({linkText: 'click here!'});
partialLinkText()	this.driver.findElement(this.driver.By.partialLinkText('here'));	this.driver.findElement({partialLinkText: 'here'});
css()	this.driver.findElement(this.driver.By.css('#food span.dairy.aged'));	this.driver.findElement({css: '#food span.dairy.aged'});
xpath()	this.driver.findElement(this.driver.By.xpath('//input'));	this.driver.findElement({xpath: '//input'});

always use lowercase in your xpath

By **Mpie** (mpie)
cheatography.com/mpie/

Published 25th July, 2016.
Last updated 26th July, 2016.

Sponsored by **Readable.com**
Measure your website readability!
https://readable.com

WebElement Methods

Method	Example	Purpose
clear()	this.driver.findElement({id: 'submit'}).clear();	Clears all of the contents if the element is a text entity.
click()	this.driver.findElement({id: 'submit'}).click();	Simulates a mouse click on the element.
getAttribute()	this.driver.findElement({id: 'submit'}).getA-ttribute('name');	Returns the value associated with the provided attribute name (if present) or null (if not present).
getTagName()	this.driver.findElement({id: 'submit'}).getT-agName();	Returns the tag name for this element.
getText()	this.driver.findElement({id: 'submit'}).getT-ext();	Returns the visible text contained within this element (including subele-ments) if not hidden via CSS.
getValue()	this.driver.findElement({id: 'submit'}).getV-alue();	Gets the value of the element's “value” attribute.
isEnabled()	this.driver.findElement({id: 'submit'}).isEn-abled();	Returns true for input elements that are currently enabled; otherwise false.
isSelected()	this.driver.findElement({id: 'submit'}).isSe-lected();	Returns true if the element (radio buttons, options within a select, and checkboxes) is currently selected; otherwise false.
sendKeys(CharSe-quence… keysToSend)	this.driver.findElement({id: 'submit'}).send-Keys(this.webdriver.Key.ENTER);	Simulates typing into an element.
setSelected()	this.driver.findElement({id: 'submit'}).setS-elected();	Select an element (radio buttons, options within a select, and checkb-oxes).
submit()	{id: 'submit'}).submit();	Submits the same block if the element is a form (or contained within a form). Blocks until new page is loaded.
toggle()	this.driver.findElement({id: 'submit'}).togg-le();	Toggles the state of a checkbox element.

Sponsored by **Readable.com**
Measure your website readability!
https://readable.com