Cheatography

CSS Selectors for Selenium WebDriver Cheat Sheet

by Janesh via cheatography.com/56285/cs/14924/

CSS Selector Reference

Selector	Example	Description
#id	#txtUs-ername	Select element with id="txtUserna-me"
.class	..button	Select element with class="button"
element1 element2	form input	Select <input> element inside <fo-rm> element
element1>-element2	form>input	Select <input> element where parent is a <form> element
element1+-element2	span+input	Select <input> element placed immediately after element
[attribute='-value']	[name='tx-tUsername']	Select elements with name="txtU-sername"
element[attr-ibute='va-lue']	input[nam-e='txtUse-rname']	Select <input> element with attribute name="txtUsername"
element[attr-ibute^='v-alue']	input[nam-e^='txtUser']	Select <input> element with attribute name starts with value "txtUser"
element[attr-ibute$='v-alue']	input[nam-e$='name']	Select <input> element with attribute name ends with value "name"

CSS Selector Reference (cont)

element[attribute~-='value']	input[-nam-e~='Use-r']	Select <input> element with attribute name containing the value "User"
element[attribute1-='value1'][attribute2-='value2']	input[name='txtUsername']input[id='txtUser-name']	
element:nth-of--type(N)	form:n-th-of--type(4)	Select fourth <input> element inside <form>
:nth-child(N)	form:n-th-chi-ld(4)	Select fourth element withing <form>
:visited	a:visited	Select visited links

References

W3Schools:CSS Selector Reference

Pragmatic Test Labs:Mastering CSS

Sauce Labs: Selenium Tips: CSS Selectors

CSS in Action in Tests

```
driver.findElement(By.cssSelector(".button")).click()
//With page objects
  @Fi ndB c$s = ".bu tto n"
  Web Element btnLogin;
```

Convert XPath into CSS

You can convert XPath into CSS using cssify contributed by Santiago Suarez Ordoñez

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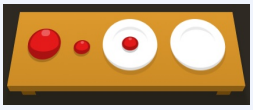
CSS



Sample HTML

```
<form id="frmLogin" method="post" >
                <div id=" div Use rna me"
class= " tex tIn put Con tai ner ">
                        <input name="t xtU ser -
nam e" id=" txt Use rna me" type="t ext ">
<span class= " for m-h int " style= " dis play:
none;"> Use rna me< /sp an>
                </d iv>
                <div id=" div Pas swo rd"
class= " tex tIn put Con tai ner ">
                        <input name="t xtP ass -
wor d" id=" txt Pas swo rd" type="p ass wor d">
<span class= " for m-h int " style= " dis play:
none;"> Pas swo rd< /sp an>
                </d iv>
                <div id=" div Log inB utt on">
                        <input type="s ubm it"
name="S ubm it" class= " but ton " value= " LOG -
IN">
                </d iv>
</f orm>
```

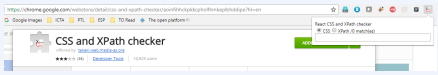
CSS Diner



Game for practicing CSS selectors with fun CSS Diner

CSS Selector tester :W3Schools

CSS Checker



It is important to ensure you use valid CSS in Selenium test scripts and the verification should be done before using in Selenium scripts. You can use a plugin like CSS Checker.

About Pragmatic

Pragmatic Test Labs is a software testing and testing related training provider based in **Sri Lanka**.

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