



Total-QA

Future of Software Testing

## [CSS Tips]white-space-hyphen-minus selenium

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In this tutorial we will discuss about the identifying the Selenium Locator for the Css (*Cascading Style Sheets*) in the following scenario's

- *white spaces in an Web Element attribute value*
- *hyphen-minus (-) in an Web Element attribute value*
- *Attribute Selector*
- *Type Selector*

## HTML Source Code for a Text-box having spaces for attribute id value:

Represents an element with the attribute whose value is a white space-separated list of words, one of which is exactly "val".

```
id="pass word".
```

## Syntax:

```
[att~=val]
```



## Examples:

```
[id~=pass]
```

```
[id~=word]
```



**Login Page**

[Sign In](#) to modify your account details.

Login Username:

Password:

Submit Reset

Top Window Highlight CSS: (X) [id~=word]

```
<tr id="item1">
  <tr id="item2">
    <td>Password:</td>
    <td>
      <input id="pass word" class="textboxcolor1" name="password" type="password"/>
    </td>
  </tr>
</tr>
```

*Selenium Locators-Css white space*

## HTML Source Code for a Text-box having hyphen-minus for attribute id value:

```
id="pass-word" .
```

## Syntax:


Represents an element with the attribute, its value either being exactly "val" or beginning with "val" immediately followed by "-"

```
[att|=val]
```

## Examples:

```
[id|=pass]
```





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Password:

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Top Window Highlight CSS: (X) [id|=pass|]

```

<table name="cart" border="1" align="center">
  <tbody>
    <tr id="item1">
    <tr id="item2">
      <td>Password:</td>
      <td><input id="pass-word" class="textboxcolor1" name="password" type="password"/></td>
    </tr>
  </tbody>
</table>
  
```

*Css attribute value having hyphen-minus special character*

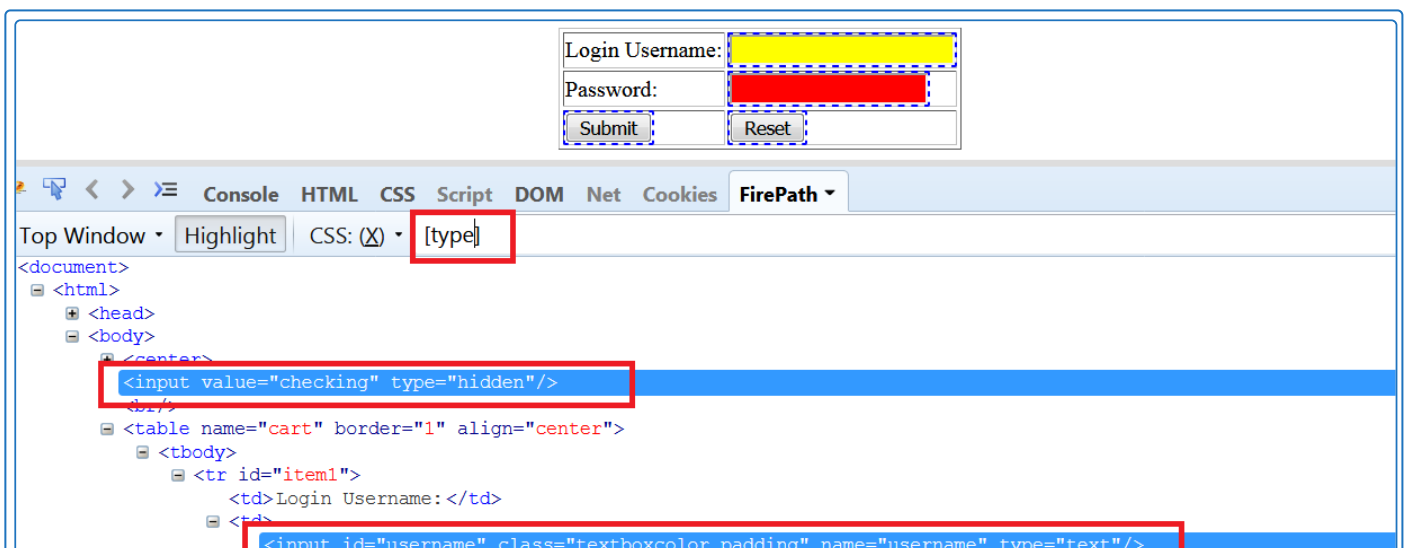
## Attribute Selector:

Match when the element sets the "att" attribute, whatever the value of the attribute.

## Example:

[id] - Selects all the Elements having 'id' attribute.

[type]- Selects all the Elements having 'type' attribute.



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Password:

Submit Reset

Top Window Highlight CSS: (X) [type]

```

<document>
  <html>
    <head>
    <body>
      <center>
        <input value="checking" type="hidden"/>
      </center>
      <table name="cart" border="1" align="center">
        <tbody>
          <tr id="item1">
            <td>Login Username:</td>
            <td><input id="username" class="textboxcolor padding" name="username" type="text"/></td>
          </tr>
        </tbody>
      </table>
    </body>
  </html>
</document>
  
```

*Css Locator - identify all the elements having type as attribute*

## Type Selector:



Matches every instance of element Type.

## Example:

h1 – Selects all the elements having h1 as tag-name.

input- Selects all the elements having input as tag-name.



The screenshot shows a Selenium IDE interface. At the top, there's a form with a 'Password:' label, a redacted password field, and 'Submit' and 'Reset' buttons. Below the form, the 'FirePath' tab is active, showing a CSS selector 'input' in the 'CSS: (X)' field. The DOM tree on the left shows the following structure:

```
<document>
  <html>
    <head>
    <body>
      <center>
        <input value="checking" type="hidden"/>
      </center>
      <table name="cart" border="1" align="center">
        <tbody>
          <tr id="item1">
            <td>Login Username:</td>
            <td><input id="username" class="textboxcolor padding" name="username" type="text"/></td>
          </tr>
        </tbody>
      </table>
    </body>
  </html>
</document>
```

Two nodes are highlighted with red boxes: the hidden input and the text input. Below the DOM tree, it says '5 matching nodes'. At the bottom, it says 'Type Selector in CSS'.

## Conclusion:

In this topic we have discussed about Handling CSS attribute values from Selenium Web-driver perspective which are having **white spaces** and **special characters hyphen-minus (-)**.

📁 Selenium 📌 Attribute Selector, Css, hyphen-minus, Locator, Type Selector, white-space

### Related posts...

- » Automating SVG and Interactive Charts in Selenium-JavascriptExecutor
- » The Difference Between :nth-child and :nth-of-type CssSelector
- » CSS Quiz for Beginners & Interview Questions

