Dynamic xpaths

Using contains method

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13 | Syntax    //tagname[contains(@attribute,’value1’)]    //input[contains(@id,’’)]    //input[contains(@name,’’)]    //a[contains(@href,’’)]    //img[contains(@src,’’)]    //div[contains(@id,’’)] |

And so on.

Using starts-with method

//tagname[starts-with(@attribute-name,’’)]

//id[starts-with(@id,’’)]

//a[starts-with(@href=’’)]

//img[starts-with(@src=’’)]

//div[starts-with(@id=’’)]

//input[starts-with(@id=’’)]

//button[starts-with(@id,’’)]

And so on.

Using Following node

Xpath/following::again-ur-regular-path

//input[@id=’’]/following::input[1]

//a[@href=’’]/following::a[1]

//img[@src=’’]/following::img[1]

Using preceding node

Xpath/preceding::again-ur-regular-path

//input[@id=’’]/ preceding::input[1]

//a[@href=’’]/ preceding::a[1]

//img[@src=’’]/ preceding::img[1]

*Xpath functions:*

Attribute which starts with:

driver.findElement(By.xpath(“//input[starts-with(@class,‘tbl\_')]"));

Attribute contains text:

driverfindElement(By.xpath(“//input[contains(@id:userNames)]"));

Match value to any attribute:

driver.findElement(By.xpath("//input[@\*=username']"));

Text()-XPath

Locate element by matching exact text value

driver.findElement(By.xpath(“//td/span[text()=‘Some Text']"));

OR

driver.findElement(By.xpath(“//td/span[.= ‘Some Text']"));

See if Element contains specified text

driver.findElement(By.xpath(//td[contains(text(), 'Some Text')]"));