Recap of x path topic in starting of video lec 4.

What is x pah

What are types of x path

What is absolute path

What is relative path

What are different methods or manipulation of x path you learned.

End x path is not available in version 2, it was available in x path version 1.

Advanced x path has a big family , it has child, sbilings, parent, ancestor.

Preceding-sibling, following-sibling, parent is container like div.

How we know the siblings, they are present in one node.

Any thing above parent node will be ancestor.

When there is no method available lik parent , child, ancestor then you will go for Index

(//img[@class=’email’])[2]

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What is CSS selector.?????(cascading styling sheet(aabshaar, barish ka pani neechy girta howa, jharna))

It is another way of locating elements.

All the design in coding like , fonts, space, fonts, colour is done by css language but we are studying css selector not css language.

In relative x path there is text() method to identify but in css text method is not available.

Syntax projects website link.

<https://syntaxprojects.com/index.php>

CSS syntax for class.

This is element example <label class="\_58mt" for="u\_4\_4\_3B">Female</label>

CSS syntax for class; label.\_58mt 🡨---- here dot (. ) mean class attribute

CSS syntax for ID.

Tagname#IDvalue

button#loginbutton 🡨------ here # sign mean ID locator.

this is contains method in CSS

input[type \*='text']

CSS this is starts -with method in css.

input[attribute ^='starting attribute value']

CSS ends-with method

input[attribute $='ending attribute value']

img[src$=svg]

disadvantages of CSS locator;

1. We don’t have text method, starts with and end with are used when attribute has values and you ca use partial part of text by starts and ends method..
2. Wo can not go forward and backward in css selector as we will do in x path .
3. In CSS selector we can not use those attributes whose values have spaces int them. Because css selector is not written inside single quotes, which become like a container. But SCC is in parts each value is considered as part.
4. Class=num 43f-34 fn 34fr/>
5. Don’t select the attribute whose value is large. Use shorter values only.

syntax hrm link

<http://hrm.syntaxtechs.net/humanresources/symfony/web/index.php/auth/validateCredentials>

input#user-message

//button[text()='Show Message']

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Web Elements commands;

Methods are action which we can perform on elements or some time we can get state of element this is called command.

**What is mean by state of element ?**

State is the physical property of a button or a link or text box or check box which is appearing on webpage.

Facebook login button what is state of this button.

isEnabled -------------- this return Boolean value

isDisplayed -------------- this return bolean value

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Check box on any webpage give us selected and unselected action to perform so there is method for this

Is Selected method --------------- this return Boolean value

if I want to put any-thing in text box but if this text box already has text in it then we will do clear method

clear method -------------------- return no-thing mean it is void method

click metho --- return void

submit method -----------return void

both are used mostly.

Submit mean you submit action to processing on it by webserver

click mean you want to go over an-other page, link or website.

Get text method ---------------------- is used to get text from the element return string value

Get attribute ------------- retrun string