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all listings

span. small sel tgl\_button first\_b

//span[@title=’ All Listings’]

//span[@class=’ small sel tgl\_button first\_b’ and text()=’All Listings’]

//\*[contains(@class,’small’) and text()=’All Listings’]

Auction

a.small cbx btn btn-s btn-ter tab tgl\_button center\_b

//a[@title=’Auction’]

//a[@class=’ small cbx btn btn-s btn-ter tab tgl\_button center\_b’ and text()=’Auction’]

//\*[contains(@class,’small’) and text()=’Auction’]

Buyit

1. small cbx btn btn-s btn-ter tab tgl\_button last\_b

//a[@text=’Buy It’]

//a[@class=’ small cbx btn btn-s btn-ter tab tgl\_button last\_b’ and text()=’Buy It’]

//\*[contains(@class,’small’) and text()=’Buy It’]

//\*[contains(@class,’small’) and text()=’#{x}’]

//\*[contains(@class,’small’) and text()=’#{Buy It}’]

All xpaths in one method that can click on any link

U pass variable in one method

//\*[contains(@class,’nav’)]

Create a method in rrb file

Then/”click([“”]) link on the home page/do

//xpath//

Element.click

End

In feature file

Scenario: add

Contains or startwith,endwith

Find the list items for all the irritating things in September.

//div[@class="september"]/div[2]/ul/li ……….second div can change each time, html can change

0r

**IMPORTANT Xpath brainteasers**

**http://practicalsqa.net/xpath-brainteasers-and-exercises/**

# 1) Nested Selectors

Find the list items for all the irritating things in September.

**//div[@class="september"]/div[@class=”irritating”]/ul/li**

2)Get the link for all cars that priced $25,000

2) **//div[span[@class='price' and text()='$25,000']]/a**

3)Get the link for all Fords with the year greater then 1950

3) **//div[span[@class='year' and text()>'1950']and span[@class='make' and text()='Ford']]/a**

4) Get the link for all Fords made in 1958.

4**)//div[span[@class='year' and text()='1958']]/a**

# 5) Find number of patients admitted to Good Health Clinic

Number of patients admitted to "Good Health Clinic"

5**)//providerorganization/id/name[text()="Good Health Clinic"**

6) Find family name of the patient born on 17 Dec 1955?

6**)//patient[administrativegendercode[birthtime[@value="19551217"]]]/name/family**

7) Find the rate where loantype is "30-Year Fixed Rate" and subtype is "B"

7**)//rate[loantype[text()="30-Year Fixed Rate"] and subtype[text()="B"]]**

But it is supposed to be

7**)//rate[loantype[text()="30-Year Fixed Rate"] and subtype[text()="B"]]/rate**

8) Get the value of mathcolor where colorvalue is 10.

8**)//colors/color[colorvalue[text()="10"]]/mathcolor/text()**

**Advanced Xpath:**

# 1) Querying Subchildren

Find the values of id if their sub-node meta contains 123456.

**//meta[@value="123456"]/ancestor::produit/@id**

The above xpath meaning going to grandparent produit and getting value of attribute id

# 2) Finding By Count

Find the h1s for every div with three list elements in it.

**//div[ul[count(li)=3]]/child::h1**

The above xpath says in div tag(where div tag is parent) check for ul tag and in that ul tag if there are 3 li tags then go to child h1 and select it

A) based on string length of text

Selects all sibling nodes which has text that is non empty tag

**//node[@id="1"]/following-sibling::node[string-length(text())> 0]**

Selects all sibling nodes which does not have text that is empty tag

**//node[@id="1"]/following-sibling::node[string-length(text())=0]**

# 3) Finding Siblings

Q. I am positioned in the node[@id='1']. I need an Xpath to match all the elements until the next not empty node (here node[@id='2'])

**//node[@id='1']/following-sibling::node[following::node[@id='2']]**

# 4) Finding Text

Find the XPath for "match text"

**//tbody/descendant::a[contains(text(),"match text")]/text()**

# 5) Find Percentage

For year 2016 return the Percentage.

**//effectivedate[contains(text(),"2016")]/following-sibling::percentage**

Go to toysrus in google-age-big kids

$x(“//div[@class=’prodloop\_cont’][.//span[text()=’5’]]”)

$x(“//div[@class=’prodloop\_cont’][.//span[text()=’5’]][.//li[text()=’ship to home’]]//a[@class=’prodtitle’]”)

In Mozilla, u can check whether its valid xpath or not

Open firebug, go to console write the xpath with below syntax and enter

$x("//\*[contains(@class,'small') and text()='Buy It Now']")

Xpath from satday class:

“(//input[@type=’submit’ and @value=’buy now with one click’][last()]”…it will click on first or last element

How to count elements

Elements=//span[@class=’a-icon-alt’][starts-with(text(),’4’) or starts-with(text(),’5’)]…it will give all 4 star and 5 star ratings and to count them

Elements.count

In ruby u can use puts to print them

Puts elements.count

Xpath with conditions:

If user is logged in we will look for hello person name

If user is logged out we will look for sign in element

Element=driver.findelements xpath=” ….”//u have to give elements so it does not return no element

found exception but it will return empty array

If element>0 do

Element[0].click

Element=xpath for sign out

Element.click

Else

End

Then /^ example of simple condition$/ do

Element=$driver.find-elements :xpath => “//

If element.count>0

Element[0].click

Element=$driver.find\_element :xpath => “//span

Element.click

End //this end for if

End// this end for do method