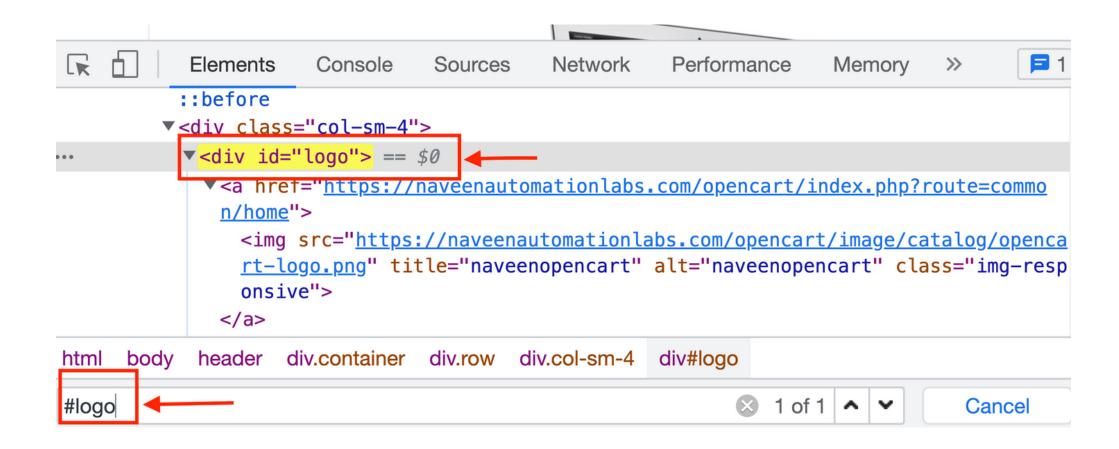
Locator Strategies in Cypress: CSS Cheat Sheet

cypress

Anshita Bhasin

ID: Quickly locate elements by their unique identifier

In case of fixed Id in DOM, use #IdValue



Example: cy.get('#logo')

Class Name: Target elements based on their class name

In case of class in DOM, use .class

```
Performance
                                                                                        5 1
           Elements
                      Console
                                 Sources
                                            Network
                                                                      Memory
            </div>
          </div>
        ▼<div class="col-sm-5">
          ▼<div id="search" class="input-group"> == $0
              <input type="text" name="search" value placeholder="Search" class="form-co</pre>
              ntrol input-lg">
            ▶ <span class="input-group-btn"> ··· </span>
            </div>
          </div>
     body header div.container div.row div.col-sm-5
                                                     div#search.input-group
.input-group
                                                             Cancel
```

Example: cy.get('.input-group')

Tag Name: Select elements using their HTML tag name

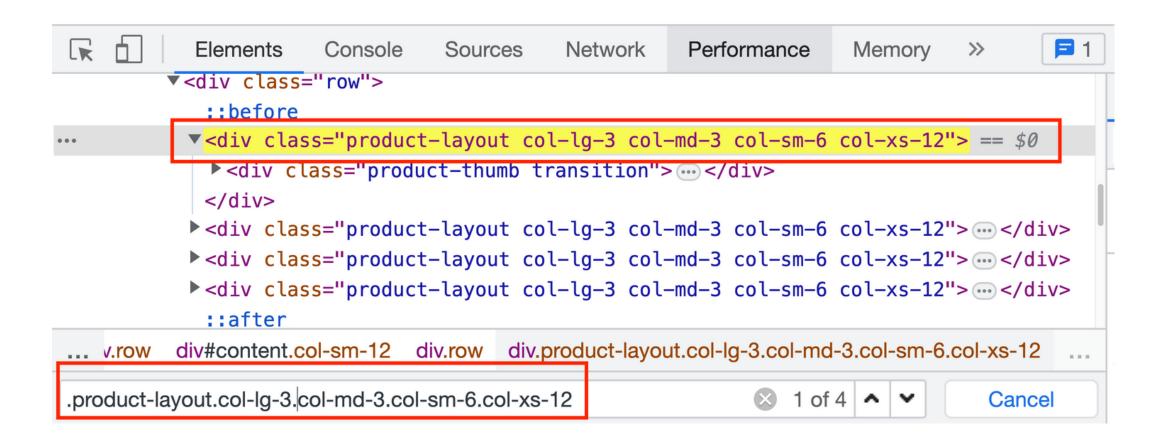
In case of HTML tag, use [attributeName=attributeValue]

```
Elements
                       Console
                                            Network
                                                       Performance
                                                                      Memory
                                 Sources
                 UIV CLOSS- COPLIUM > .... 
              ▼<div class="button-group">
                ▼<button type="button" onclick="cart.add('43');"> == $0
                  <i class="fa fa-shopping-cart"> ... </i>
                   <span class="hidden-xs hidden-sm hidden-md">Add to Cart/span>
                  </button>
                ▶ <button type="button" data-toggle="tooltip" title onclick="wishlist.ad |
                  d('43');" data-original-title="Add to Wish List"> ... </button>
                ▶ <button type="button" data-toggle="tooltip" title onclick="compare.add
   ıt.col-lg-3.col-md-3.col-sm-6.col-xs-12 div.product-thumb.transition div.button-group
                                                                                  button
[onclick="cart.add('43');"]
                                                                 1 of 1
                                                                                   Cancel
```

Example: cy.get('[onclick="cart.add('43');"]')

Multiple Classes: Select elements using their class names

In case of multiple classes in DOM, use .class1.class2.class3



Example: cy.get('.product-layout.col-lg-3.col-md-3.col-sm-6.col-xs-12').first()

Nth Value: Select elements using operator ">"

To traverse to a specific DOM element, use >

```
Elements
                     Console
                                          Network
                                                    Performance
                                Sources
                                                                  Memory
        ▼<div class="col-sm-3">
          ▼<div id="cart" class="btn-group btn-block">
            ▼<button type="button" data-toggle="dropdown" data-loading-text="Loadin
             q..." class="btn btn-inverse btn-block btn-lq dropdown-toggle">
              ▶ <i class="fa fa-shopping-cart">...</i> ··· == $0
               <span id="cart-total">0 item(s) - $0.00</span>
             </button>
            ▶  ··· 
           </div>
                  button.btn.btn-inverse.btn-block.btn-lg.dropdown-toggle i.fa.fa-shopping-cart
... group.btn-block
div>button>i.fa.fa-shopping-cart
                                                             1 of 5
                                                                              Cancel
```

Example: cy.get('div>button>i.fa.fa-shopping-cart').first()

Fixed Start Value: Select elements using operator ^

When the starting text is fixed, use operator ^

```
Elements
                       Console
                                             Network
                                                        Performance
                                                                                         5 1
                                  Sources
                                                                      Memory
                </div>
              ▶ <div class="caption"> ··· </div>
              ▼<div class="button-group">
                ▼<button type="button" onclick="cart.add('43');"> == $0
                  <i class="fa fa-shopping-cart"> ... </i>
                    <span class="hidden-xs hidden-sm hidden-md">Add to Cart/span>
                  </button>
                ▶ <button type="button" data-toggle="tooltip" title onclick="wishlist.ad
                  d('43');" data-original-title="Add to Wish List"> • </button>
... t.col-lg-3.col-md-3.col-sm-6.col-xs-12 div.product-thumb.transition div.button-group
                                                                                  button
[onclick^="cart.add"]
                                                                 1 of 4
                                                                                   Cancel
```

Example: cy.get('[onclick^="cart.add"]')

Fixed End Value: Select elements using operator \$

When the ending text is fixed, use operator \$

```
Performance
                                                                       Memory
           Elements
                                             Network
                                                                                         5 1
                       Console
                                  Sources
                                                                                 >>
                ▼<button type="button" onclick="cart.add('43');"> == $0
                  i class="fa fa-shopping-cart"> 
                    <span class="hidden-xs hidden-sm hidden-md">Add to Cart/span>
                  </button>
                ▶ <button type="button" data-toggle="tooltip" title onclick="wishlist.ad
                  d('43');" data-original-title="Add to Wish List"> ... </button>
                ▶ <button type="button" data-toggle="tooltip" title onclick="compare.add
                  ('43');" data-original-title="Compare this Product"> ••• </button>
  <u>st.col-lg-3.col-md-3.col-sm-6.col-xs-12</u> div.product-thumb.transition div.button-group
                                                                                  button
[onclick$=".add('43');"]
                                                                 1 of 3
                                                                                   Cancel
```

Example: cy.get('[onclick\$=".add('43');"]')

For a more detailed understanding of css locators strategy in Cypress, please refer to the video link provided below.

Video: https://youtu.be/z9btR_KSraY



Anshita Bhasin