



Cypress Introduction Cheat Sheet

Find Elements

```
// Get Element (returns Cypress Chainer object)
cy.get('#cssSelector')
```

```
// Find elements off parent element
cy.get('#cssSelector').find('#anotherSelector')
```

```
// Return the first element from array of elements
cy.get('nav list').first()
```

```
// Iterate through array of elements
cy.get('nav list').each(() => {...})
```

```
// Create alias for element
cy.get('table').find('tr').as('rows')
cy.get('@rows').first().click()
```

```
// Get the element that contains the passed text
cy.get('button').contains('Click me')
```

Interacting with the DOM

```
// Click an element
cy.get('button').contains('Login').click()
cy.get('button').contains('Login').dblclick()
cy.get('button').contains('Login').rightclick()
```

```
// Select an option from a dropdown
cy.get('dropdownselector').select('user-1')
```

```
// Trigger an event
cy.get('alink').trigger('mousedown')
```

Interacting with the DOM Continued

```
// Enter or clear text in an input or text field
cy.get('textfield').type('stringtotype')
cy.get('textfield').clear()
```

```
// Interact with a checkbox
cy.get('checkboxToUse').check()
cy.get('checkboxToUse').uncheck()
```

```
// Focus on an element in the DOM
cy.get('textfield').focus()
```

```
// Blur a focused element
cy.get('textfield').blur()
```

```
// Force an action even if element may not be actionable
cy.get('button').click({ force: true })
```

Then

```
// Use the subject yielded from the previous action
cy.get('.nav').then(($nav => {})
```

```
cy.get('button').then((element) => {
  assert.include(element.text().toLowerCase(), 'login')
})
```

```
cy.wrap(1).then((num) => {
  cy.wrap(num).should('equal', 1)
}).should('equal', 1)
```

```
cy.get('.brand').then(function(logoElement){
  cy.log(logoElement.text())
})
```

Window/Browser Interaction

```
// Simulate Back and Forward in browser
cy.go('back')
cy.go('forward')
```

```
// Navigate to URL
cy.visit('https://www.google.co.uk')
```

```
// Refresh the page
cy.reload()
```

```
// Scroll the window
//x and y coordinates to scroll to
cy.scrollTo(x, y)
```

```
// Clear cookies
cy.clearCookies()
```

```
// Take a screenshot, full page or of an element
cy.screenshot()
```

Assertions using Should

```
// Check the state
cy.get('checkboxelement').should('be.checked')
```

```
// Check if exists
cy.get('#loading').should('not.exist')
```

```
// Check if visible
cy.get('button').should('be.visible')
```

```
// Check if enabled
cy.get('checkbox').should('be.enabled')
```

```
// Check value
cy.get('textarea').should('have.value', 'value is correct')
```

```
// Check length
cy.get('li.selected').should('have.length', 3)
```