

for drag and drop install this -

```
npm install --save-dev @4tw/cypress-drag-drop
```

Before Cypress is loaded (usually in your `commands.js`) put the following line:

```
require('@4tw/cypress-drag-drop')
```

[commands.js](#) file -

```
41
42  //for iframes
43  import 'cypress-iframe';
44  // or
45  require('cypress-iframe');
46
47  //for drag and drop events.
48  require('@4tw/cypress-drag-drop')
```

```
1 import 'cypress-iframe'
2 require ('@4tw/cypress-drag-drop')
3
4 describe("Mouse Operations", () => {
5
6     it('MouseHover', () => {
7
8         cy.visit("https://demo.opencart.com/");
9
10        cy.get("body > main:nth-child(3) > div:nth-child(1) >
11 nav:nth-child(1) > div:nth-child(3) > ul:nth-child(1) > li:nth-child(1)
12 > div:nth-child(2) > div:nth-child(1) > ul:nth-child(1)
13 > li:nth-child(2) > a:nth-child(1)")
14         .should('not.be.visible');
15
16         //use trigger for mouse actions and then pass action name
17         cy.get('.nav > :nth-child(1) > .dropdown-toggle')
18         .trigger('mouseover').click();
19
20         cy.get("body > main:nth-child(3) > div:nth-child(1)
21 > nav:nth-child(1) > div:nth-child(3) > ul:nth-child(1)
22 > li:nth-child(1) > div:nth-child(2) > div:nth-child(1)
23 > ul:nth-child(1) > li:nth-child(2) > a:nth-child(1)")
24         .should('be.visible');
25
26
27     });
28 }
```

```

1  it('Right click', () => {
2      cy.visit("http://swisnl.github.io/jquery-contextMenu/demo.html");
3
4      //right click and check if copy option is seen
5
6      //Approach1
7      /*cy.get('.context-menu-one.btn.btn-neutral').trigger('contextmenu');
8      cy.get('.context-menu-icon-copy > span').should('be.visible');
9      */
10
11     //Approach2
12     cy.get('.context-menu-one.btn.btn-neutral').rightclick();
13     cy.get('.context-menu-icon-copy > span').should('be.visible');
14
15 });

```

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```

1  it('Double click', () => {
2
3      cy.visit("https://www.w3schools.com/tags/tryit.asp?filename=tryhtml5_ev_ondblclick3");
4      cy.frameLoaded('#iframeResult'); //Load the frame
5
6      //locate the element and double click.
7      //then capture the text is same as what we want.
8      //Approach1 - trigger()
9      //cy.iframe('#iframeResult').find("button[ondblclick='myFunction()']").trigger('dblclick');
10     //cy.iframe('#iframeResult').find('#field2').should('have.value', 'Hello World!');
11
12     //Approach2 - dblclick()
13     cy.iframe('#iframeResult').find("button[ondblclick='myFunction()']").dblclick();
14     cy.iframe('#iframeResult').find('#field2').should('have.value', 'Hello World!');
15 });

```

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```
1 //install plugin and add in dependencies or in individual spec file.
2 it('Drag and Drop using plugin', () => {
3     cy.visit("http://www.dhtmlgoodies.com/scripts/drag-drop-custom/demo-drag-drop-3.html")
4
5     //source element locator.
6     cy.get('#box6').should('be.visible')
7
8     //target element locator.
9     cy.get('#box106').should('be.visible')
10
11     cy.wait(3000);
12     //drag box6 into box 106 using drag method
13     //use force method if element not getting identified or hidden.
14     cy.get('#box6').drag('#box106',{force:true});
15 });
16
```

```
1 it.only('Scrolling Page', () => {
2
3     cy.visit('https://www.countries-ofthe-world.com/flags-of-the-world.html')
4
5     //India flag
6     //scroll till india and click.
7     //we can scroll slowly using duration.
8     //validate after scroll.
9     cy.get(':nth-child(1) > tbody > :nth-child(86)
10 > :nth-child(1) > img').scrollIntoView({duration:2000});
11     cy.get(':nth-child(1) > tbody > :nth-child(86)
12 > :nth-child(1) > img').should('be.visible')
13
14     //algeria flag.
15     cy.get(':nth-child(1) > tbody > :nth-child(4)
16 > :nth-child(1) > img').scrollIntoView({duration:2000});
17     cy.get(':nth-child(1) > tbody > :nth-child(4)
18 > :nth-child(1) > img').should('be.visible');
19
20     //scroll till we go to the footer elements.
21     cy.get('#footer').scrollIntoView();
22
23 });
24
25
26
27 });
```