

Basic Commands

Launch CypressIO `npx cypress open`

Launch URL `cy.visit(url)`

Launch URL with prefix Update baseUrl in **cypress.json** (as a prefix) and use `cy.visit(url)`

Make HTTP Request `cy.request(url)`

Element Interactions

Click Event `.click()`

Double Click Event `.dblclick()`

Right Click Event `.rightclick()`

Input on Text Box Fields `.type(text)`

Clear Event `.clear()`

Check on Checkboxes `.check()`

Uncheck on Checkboxes `.uncheck()`

Select from Dropdowns `.select(value)`

Mouse-Down `.trigger('mousedown')`

Mouse-Up `.trigger('mouseup')`

Mouse-Leave `.trigger('mouseleave')`

Mouse-Move `.trigger('mousemove')`

Mouse-Over `.trigger('mouseover')`

Focus on an object `.focus()`

Debug on a click event `.debug().click()`

Force Click `.click({ force: true })`

Installaton of cypress-test-techniques

Basic Tools Needed Nodejs (version 10 or above),Gitbash, Visual Studio Code (or any IDE)

Step1 `npm install`

Step2 `npm link`

Step3 `npm link cypress-cucumber-preprocessor`

Step4 `npm install through`

Extensions

Cypress Image Snapshot <https://www.npmjs.com/package/cypress-image-snapshot>

Percy (Visual Testing & Review) <https://docs.percy.io/docs/cypress>

`cypress-skip-and-only-ui` <https://www.npmjs.com/package/cypress-skip-and-only-ui>

`cypress-watch-and-reload` <https://www.npmjs.com/package/cypress-watch-and-reload>

`cypress-testing-library` <https://www.npmjs.com/package/@testing-library/cypress>

`cypress-file-upload` <https://www.npmjs.com/package/cypress-file-upload>

Cypress Reportportal <https://github.com/reportportal/agent-js-cypress>

Cypress Drag and Drop <https://github.com/4teamwork/cypress-drag-drop>

Cypress iframe <https://gitlab.com/kgroat/cypress-iframe>

Cypress Xpath <https://github.com/cypress-io/cypress-xpath>

Cypress Lighthouse Audit <https://github.com/mfrachet/cypress-audit>

Cypress Dark (Theme) <https://github.com/bahmutov/cypress-dark>

Cypress Docker <https://github.com/cypress-io/cypress-docker-images>

Cypress Mochawesome Reporter <https://github.com/LironEr/cypress-mochawesome-reporter>

Cypress Terminal Report <https://github.com/archfz/cypress-terminal-report>

Cypress Visual Regression <https://github.com/mjhea0/cypress-visual-regression>



By **Narayanan Palani**
(Narayanan Palani)
cheatography.com/narayanan-palani/

Published 10th May, 2020.
Last updated 17th February, 2021.
Page 1 of 2.

Sponsored by **Readable.com**
Measure your website readability!
<https://readable.com>

Locator Strategy

CSS Selectors	cy.get-(selector)
Xpath (cypress.xpath extension to be installed from https://github.com/cypress-io/cypress-xpath)	cy.xpath(selector)

Variable and Aliases

Variable	const,let,var
Aliases	.as('nameTheAliases')
Run commands before each test	beforeEach()

Errors

Error name	This is the type of the error (e.g. AssertionError, CypressError)
Error Message	This generally tells you what went wrong. It can vary in length. Some are short like in the example, while some are long, and may tell you exactly how to fix the error.
Learn More	Some error messages contain a Learn more link that will take you to relevant Cypress documentation.
View Stack Trace	Clicking this toggles the visibility of the stack trace. Stack traces vary in length.
Print to console button	Click this to print the full error to your DevTools console. This will usually allow you to click on lines in the stack trace and open files in your DevTools

Learn

Cypress Documentation	https://docs.cypress.io/guides/overview/why-cypress.html
Cypress Test Techniques	https://engineers-hub.teachable.com/p/cypressio
Cypress Book	https://www.routledge.com/Automated-Software-Testing-with-Cypress/Palani/p/book/9780367699543

Record and Playback

Cypress Recorder	https://chrome.google.com/webstore/detail/cypress-recorder/glcapdcacdfkokcmicllhcjgeodacab
Cypress Scenario Recorder	https://chrome.google.com/webstore/detail/cypress-scenario-recorder/fmpgoobcionmfneadjapdabmjfkm-fekb?hl=en

Browser support

Cypress 4.0.0 or above	Google Chrome, Canary, Mozilla Firefox, Microsoft Edge(Chromium Based), Electron
Cypress 3.8.3 or below	Google Chrome and Electron

Framework Repositories

Cypress Test Techniques	https://github.com/narayananpalani/cypress-test-techniques
Cypress Testing Library	https://github.com/testing-library/cypress-testing-library
Cypress Axe (Accessibility)	https://github.com/avanslaars/cypress-axe
Cypress Code Coverage	https://github.com/cypress-io/code-coverage
Cypress Example API Testing	https://github.com/cypress-io/cypress-example-api-testing
Cypress Lighthouse Audit	https://github.com/mfrachet/cypress-audit



By **Narayanan Palani**

(Narayanan Palani)

cheatography.com/narayanan-palani/

Published 10th May, 2020.

Last updated 17th February, 2021.

Page 2 of 2.

Sponsored by **Readable.com**

Measure your website readability!

<https://readable.com>