Cheatography

Cypressio Cheat Sheet

by Narayanan Palani (Narayanan Palani) via cheatography.com/32112/cs/22731/

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

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Locator Strategy

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

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, Cypres-sError)
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 Docume-ntation	https://docs.cypress.io/guides/overview/why-cypr-ess.html
Cypress Test Techniques	https://engineers-hub.teachable.com/p/cypressio
Cypress Book	https://www.routledge.com/Automated-Software-Tes-ting-with-Cypress/Palani/p/book/9780367699543

Record and Playback

Cypress Recorder	https://chrome.google.com/webstore/detail/cypress-r-ecorder/glcapdcacdfkokcmiclIhcjigeodacab
Cypress Scenario Recorder	https://chrome.google.com/webstore/detail/cypress-s-cenario-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/cypr-ess-test-techniques
Cypress Testing Library	https://github.com/testing-library/cypress-te-sting-library
Cypress Axe (Acces-sibility)	https://github.com/avanslaars/cypress-axe
Cypress Code Coverage	https://github.com/cypress-io/code-c-overage
Cypress Example API Testing	https://github.com/cypress-io/cypress-e-xample-api-testing
Cypress Lighthouse Audit	https://github.com/mfrachet/cypress-audit

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