

## 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 <b>cypress.json</b> (as a prefix) and use cy.visit(url)	
Make HTTP Request	cy.request(url)	

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('mouseleave')  Mouse-Leave .trigger('mouseleave')  Mouse-Move .trigger('mouseover')  Focus on an object .focus()  Debug on a click event .debug().click()  Force Click .click({ force: true })		
Double Click Eventdblclick()  Right Click Eventrightclick()  Input on Text Box Fieldstype(text)  Clear Eventclear()  Check on Checkboxescheck()  Uncheck on Checkboxesuncheck()  Select from Dropdownsselect(value)  Mouse-Downtrigger('mousedown')  Mouse-Uptrigger('mouseleave')  Mouse-Leavetrigger('mouseleave')  Mouse-Movetrigger('mouseover')  Mouse-Overtrigger('mouseover')  Focus on an objectfocus()  Debug on a click eventdebug().click()	Element Interactions	
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()	Click Event	.click()
Input on Text Box Fields  Clear Event  Check on Checkboxes  .check()  Uncheck on Checkboxes  .uncheck()  Select from Dropdowns  .select(value)  Mouse-Down  .trigger('mousedown')  Mouse-Up  .trigger('mouseleave')  Mouse-Leave  .trigger('mouseleave')  Mouse-Move  .trigger('mousewove')  Mouse-Over  .trigger('mouseover')  Focus on an object  .focus()  Debug on a click event  .clear()  .trigger('mousedown')  .trigger('mousewove')  .trigger('mousewove')  .trigger('mouseover')	Double Click Event	.dblclick()
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()	Right Click Event	.rightclick()
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()	Input on Text Box Fields	.type(text)
Uncheck on Checkboxes  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  .uncheck()  .select(value)  .trigger('mousedown')  .trigger('mouseve')  .trigger('mouseover')  .debug().click()	Clear Event	.clear()
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()	Check on Checkboxes	.check()
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()	Uncheck on Checkboxes	.uncheck()
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()	Select from Dropdowns	.select(value)
Mouse-Leave .trigger('mouseleave')  Mouse-Move .trigger('mousemove')  Mouse-Over .trigger('mouseover')  Focus on an object .focus()  Debug on a click event .debug().click()	Mouse-Down	.trigger('mousedown')
Mouse-Move .trigger('mousemove')  Mouse-Over .trigger('mouseover')  Focus on an object .focus()  Debug on a click event .debug().click()	Mouse-Up	.trigger('mouseup')
Mouse-Over .trigger('mouseover')  Focus on an object .focus()  Debug on a click event .debug().click()	Mouse-Leave	.trigger('mouseleave')
Focus on an object .focus()  Debug on a click event .debug().click()	Mouse-Move	.trigger('mousemove')
Debug on a click event .debug().click()	Mouse-Over	.trigger('mouseover')
	Focus on an object	.focus()
Force Click .click({ force: true })	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-i-mage-snapshot
Percy (Visual Testing & Review)	https://docs.percy.io/docs/cypress

Extensions (cont)	
cypress-skip-and-o- nly-ui	https://www.npmjs.com/package/cypress-s-kip-and-only-ui
cypress-watch-a- nd-reload	https://www.npmjs.com/package/cypress-w-atch-and-reload
cypress-testing-li- brary	https://www.npmjs.com/package/@testing-lib-rary/cypress
cypress-file-upload	https://www.npmjs.com/package/cypress-file-upload

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, 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



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Learn	
Cypress Documentation	https://docs.cypress.io/guides/overview/why-cypress.html
Cypress Test Techniques	https://www.udemy.com/course/cypressio
Test Automation Engine- ering	https://www.udemy.com/course/istqb-advanced/

Record and Playback		
Cypress	https://chrome.google.com/webstore/detail/cypress-recorde-	
Recorder	r/glcapdcacdfkokcmicllhcjigeodacab	
Cypress	https://chrome.google.com/webstore/detail/cypress-scenario-	
Scenario	recorder/fmpgoobcionmfneadjapdabmjfkmfekb?hl=en	
Recorder		

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-testinglibrary
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



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