INTRODUCTION TO THE INTERNET

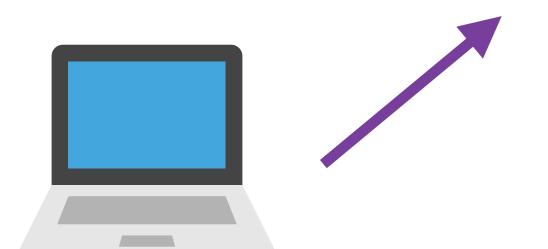


THE INTERNET - ONE BIG NETWORK

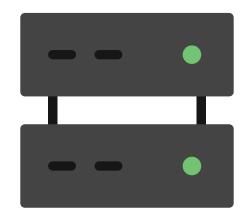


Your Computer

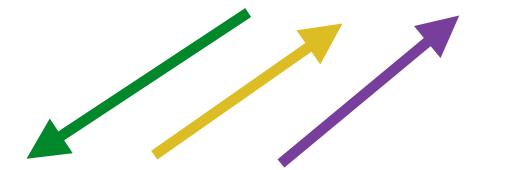
The Internet - a Wire Deep Underground That Everyone Connects to

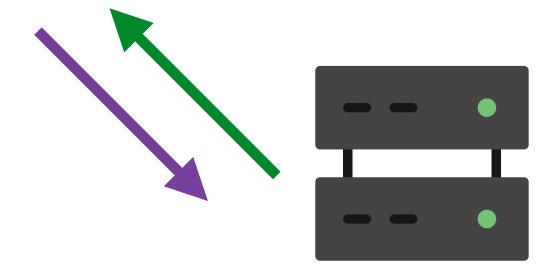


Mom's Computer



Google's Server





UCSB's Server



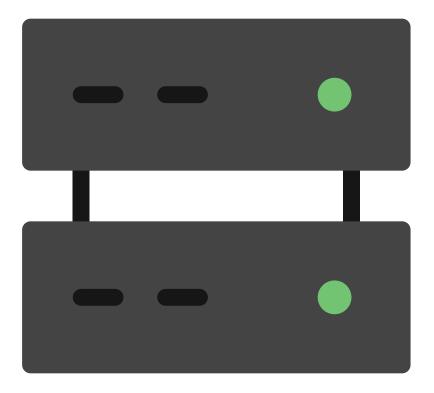
CLIENT VS SERVER



ip address: 68.108.254.12

Your Computer Does not allow incoming connections

The Internet - a Wire Deep Underground That Everyone Connects to



ip address: 172.217.5.78

Google's Server

Server

Allows incoming connections

DOMAIN NAMES / DNS

Open browser and enter google.com

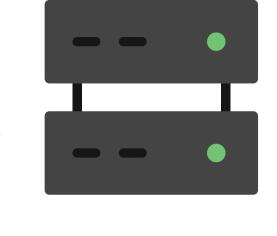


$\leftarrow \rightarrow$	C	G	google.com
Apps		G	google.com

google.com

Your internet provider (COX for example) stores information regarding every domain and the ip address they point to. We call this a DNS (aka a Phonebook)

	ALL BAREL BAR	NamesandNumbers.com
522-7481 788-3933 788-9263	River Valley BATES Paul 118 Willow Rd BATES Steve 105 Audubon Pl BATES VICKY - INTERIOR MOTIVES PO Box 1 BATHUM Roy 235 Spur Ln BATHUM Roy 235 Spur Ln BATHUM Roy 235 Spur Ln BATHUM Roy 235 Spur Ln	Hailey 788-1206 Hailey 788-6222 820Sun Valley 788-5950 Ketchum 726-0722 See West Adam 726-7494
788-9933 578-0595 788-8979 788-2515	BATTERSBY Patricia 116 Ritchie Dr BAUER Charlotte 621 Northstar Dr	Hailey 788-4279
20-5661 28-7219 38-2317	BAUER Charlotte 621 NorthBaller BAUER CHARLOTTE LINDBERG Radiance Skin Care Studio BAUER Matt 3340 Woodside Blvd BAUER Bich	Halley 578-2214





A DNS Holds basic info

172.217.5.78

google.com	172.217.5.78
yahoo.com	72.30.35.10
ucsb.edu	23.185.0.2

Enter 172.217.5.78 in your browser, where do you think you will go?

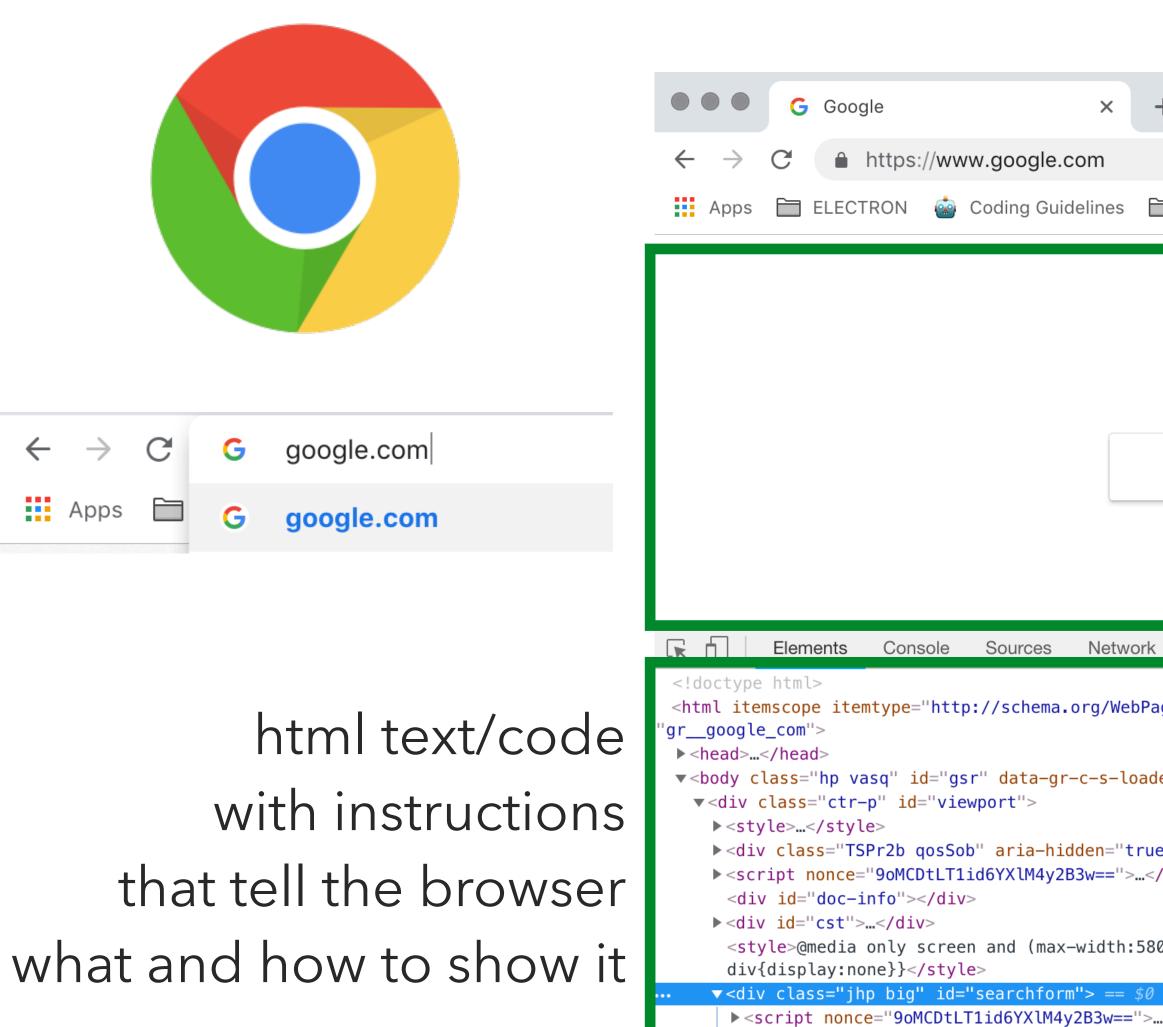




DOMAIN N

google.com

Open browser and enter google.com

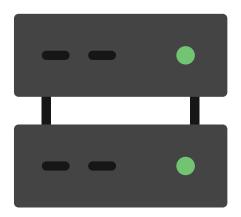


JAME	ES/DNS	
	172.217.5.78 html	Google's Ser
+ COX D		
G	bogle	Rendered b the browser
Goog Performance Memory	Application Security Audits	
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e"> /script>	<pre>element.style { } div#searchform.jhp { margin-top: 0; } .hp #searchform {</pre>	
0px){#gb	<pre>position: absolute; top: 311px; } div#searchform {</pre>	
.	<pre>min-width: 980px;</pre>	





SERVER = ACCESS TO FILES IN A FOLDER



Google's Server

Basically a request from the browser gives you access to a folder inside the Google "Server" which is just a computer /server/website/



/server/website/**index.html** By default a browser/server will look for index.html as starting page



/server/website/logo.png

LET'S MAKE A SERVER, HOW HARD COULD IT BE?



/Users/agrublev/website



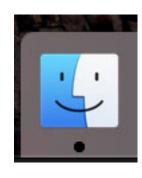
/Users/agrublev/website/index.html

npm install -g localtunnel python -m SimpleHTTPServer 8052 lt --port 8052



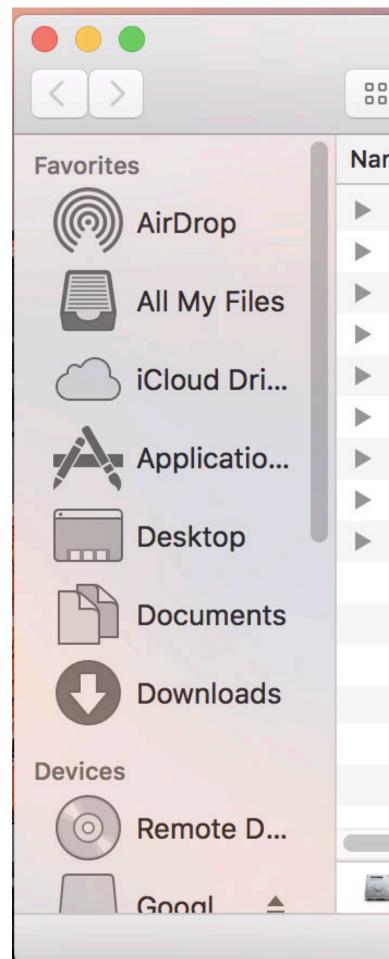


INTRODUCTION TO OSX



Finder Application

- Where your files and folders live
- User Folder
- Drive/Users/yourusername
 - Desktop
 - Downloads
 - Screenshots if used script
 - Projects create folder



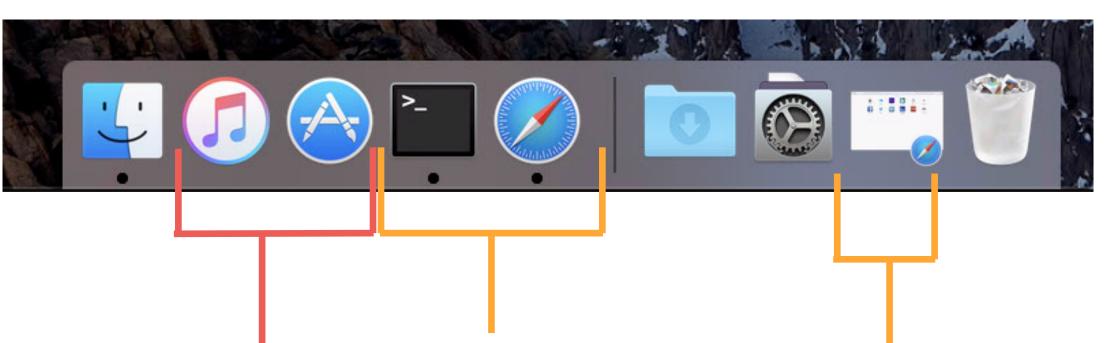
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ame	^ Date	e Modified	Size
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Documents	Tod	lay, 4:36 PM	
Downloads	Tod	lay, 4:36 PM	
💼 Library	Tod	lay, 4:54 PM	
Movies	Tod	lay, 4:36 PM	
Music	Tod	lay, 4:36 PM	
Pictures	Tod	lay, 4:36 PM	
Public	Tod	lay, 4:36 PM	
Screenshots	Tod	lay, 4:53 PM	
setup.sh	Tod	lay, 4:51 PM	16 KB
setup.sh.save	Tod	lay, 4:52 PM	2 KB
setup.sh.save.1	Tod	lay, 4:52 PM	16 KB

MyDrive > 📃 Users > 🏫 studentexample1

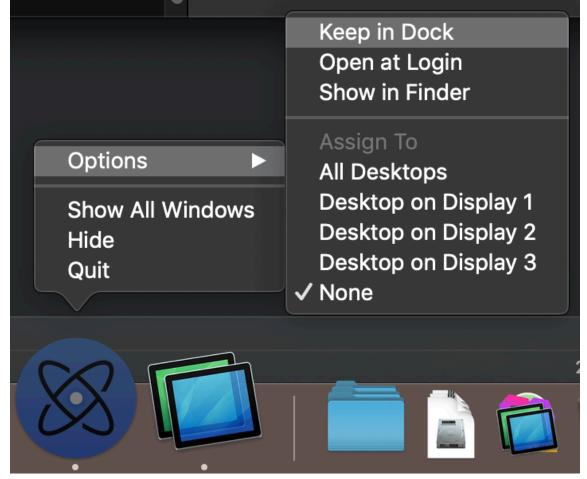
12 items, 235.29 GB available







Pinned Applications





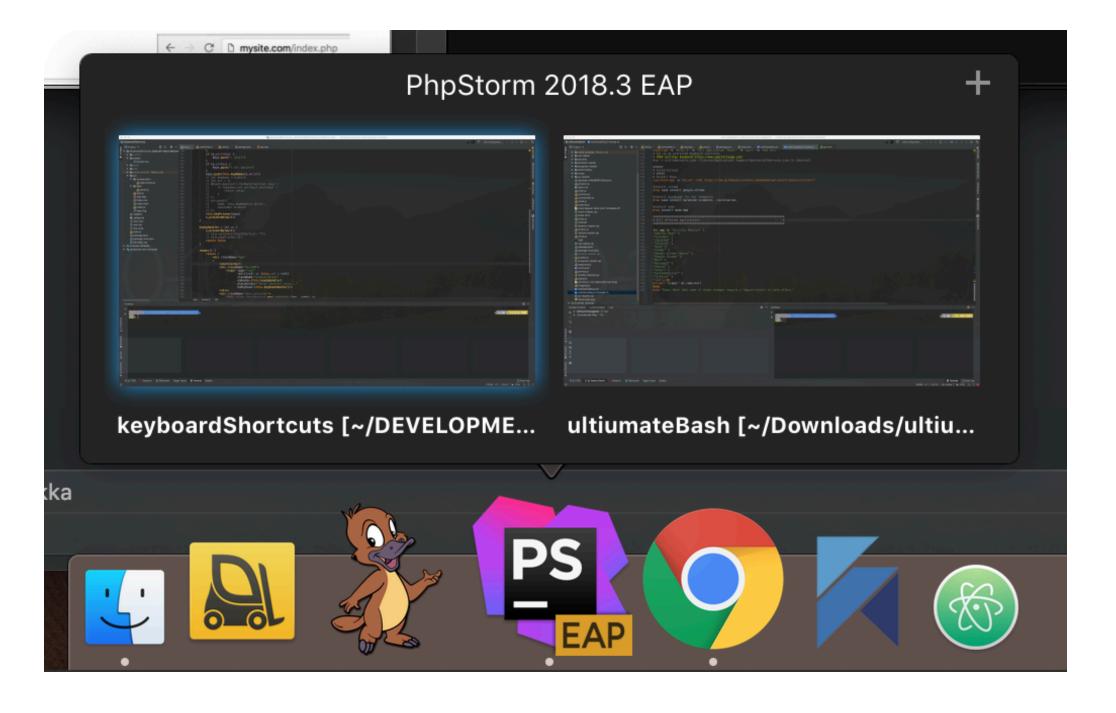
Opened Apps

Minimized Apps





(HIGHLY) SUGGESTED APPLICATIONS http://x.co/hyperdock \$9.95



(HIGHLY) SUGGESTED APPLICATIONS http://x.co/pastebot \$9.99

	=
Clipboard 132	
ASTEBOARDS	
Code Snippets	https://c2.staticflickr.com/8
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		IMG
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		IMG
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story_1.png" alt="History Interface" />		TXT
		IMG
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SHORTCUT TRAINING Download <u>http://x.co/myshortcut</u> Homework by next week is to send a screenshot of completed quiz