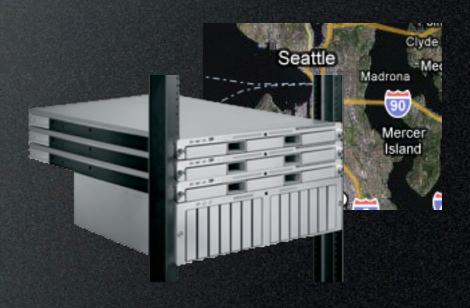
client/server and the internet

the most efficient kitten image distribution system the world has ever known







client





client

173.236.167.147





client

http://ipw.patternleaf.com/omg-cute-kitten.jpg



173.236.167.147

http server



client

http://ipw.patternleaf.com/omg-cute-kitten.jpg



173.236.167.147

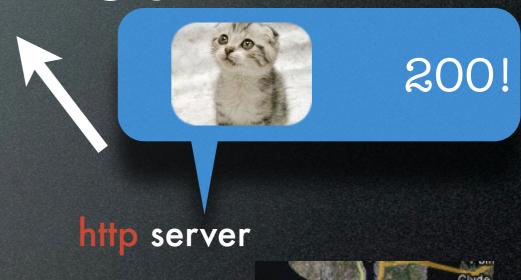
http server





client













client

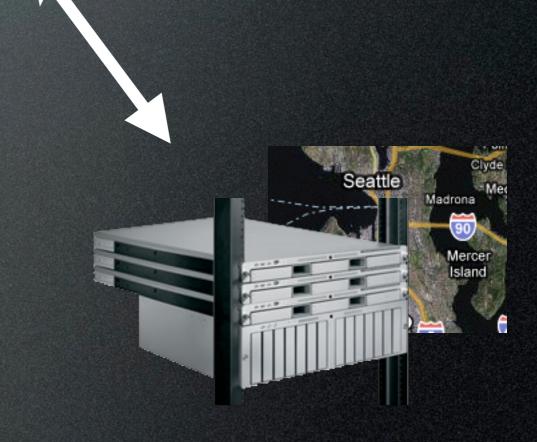












server

protocol layers

the internet

Your Web App

Application

Data Policy

Raw Data

Physical







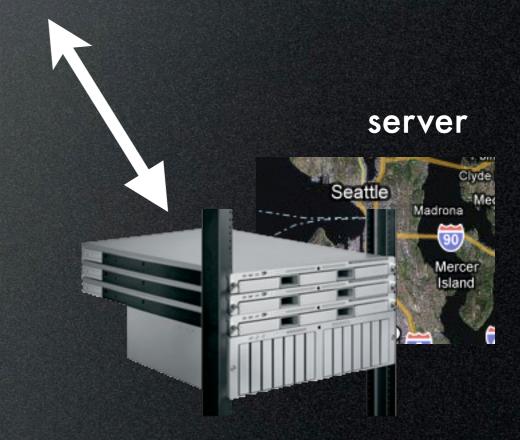


server

tocol stack

Your Web App	html, javascript, css, jpg, png	styling, markup, scripts, images, media
Application	http, ftp, ssh, smtp	web, file transfer, secure shell, email
Data Policy	tcp, udp	is data guaranteed to be complete and in order?
Raw Data	ip	move packets from one place to another; no assurance of integrity
Physical	ethernet, wifi	device-to-device hardware

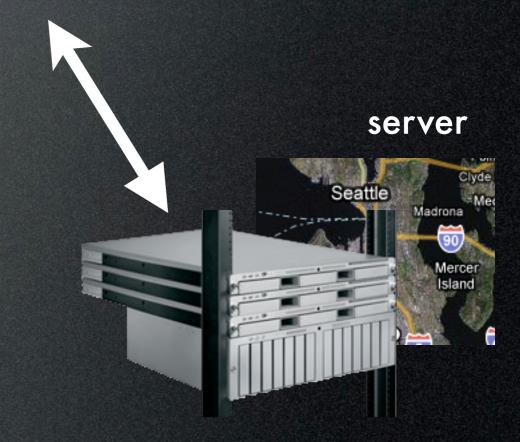




rotocol sack

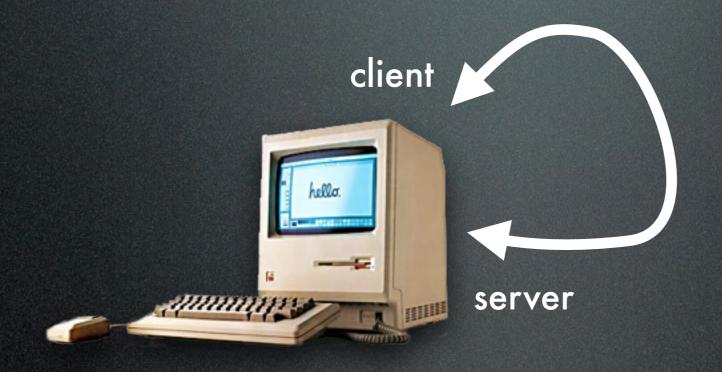
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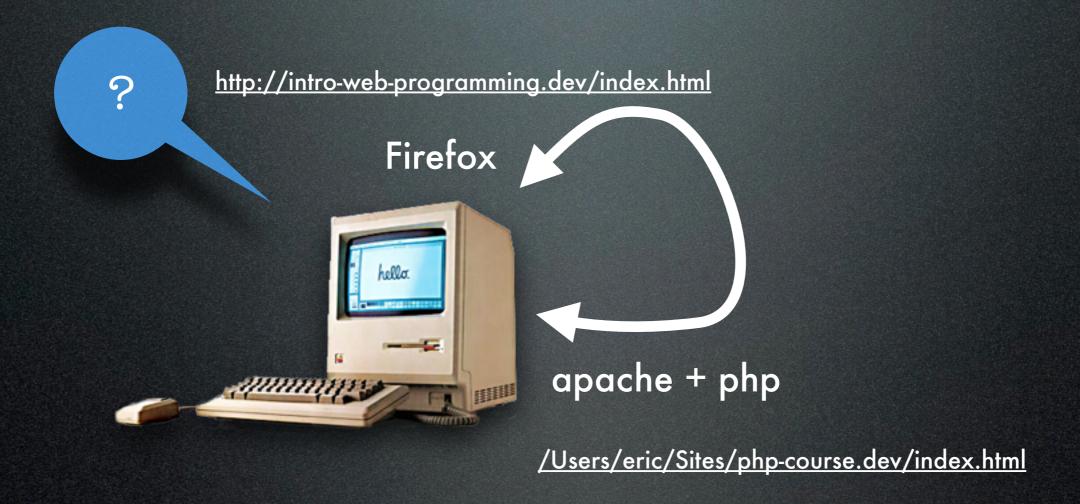




Protocol	Servers	Clients
	apache	Safari, Chrome, Firefox, lynx, cURL
HTTP	IIS	
	lighttpd	
	Pure-FTPd	Flow, Interarchy, Safari, Chrome, Finder
FTP	FileZilla	
	CrushFTP	
ССП	freeSSHD	ssh, scp, svn
SSH	CopSSH	

it's all software





Firefox

http://php-course.dev/index.html





GET /index.html HTTP/1.1 Host: php-intro.dev

apache

/Users/eric/Sites/php-course.dev/index.html





Firefox



