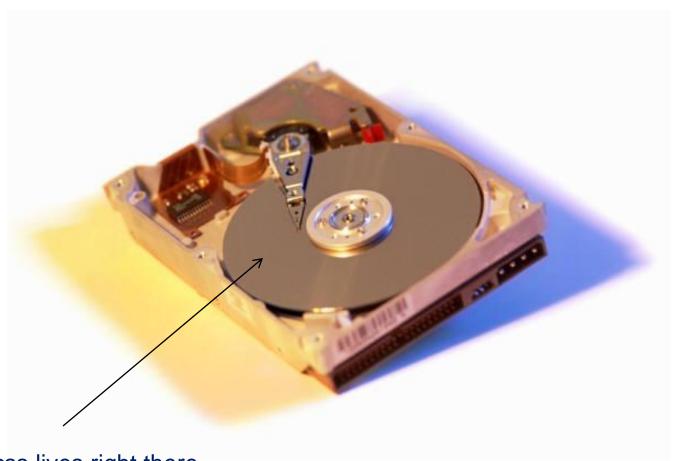
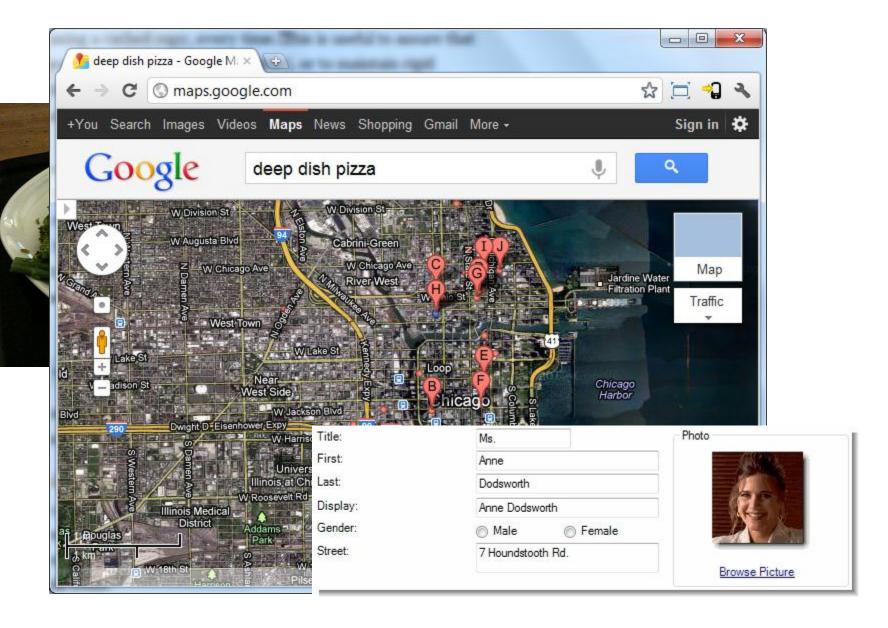
HTTP Architecture

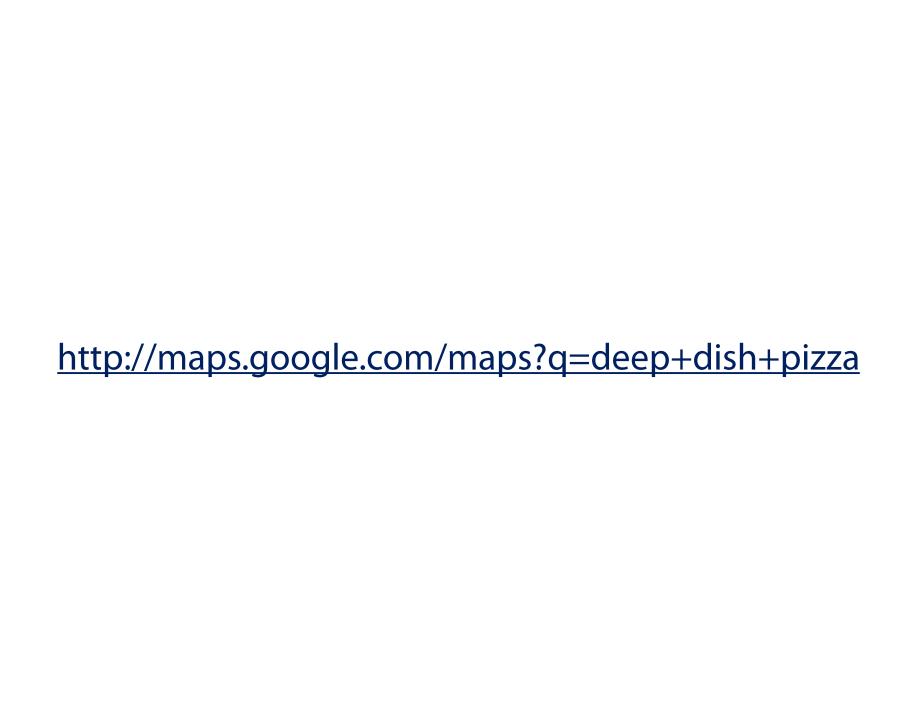
Proxies, Caches, Resources Redux K. Scott Allen

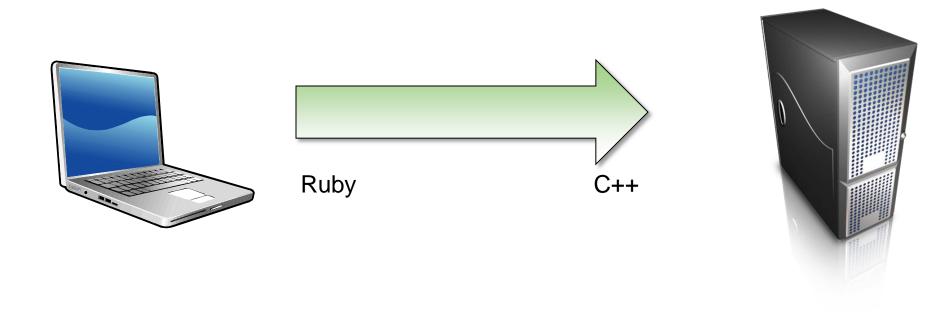


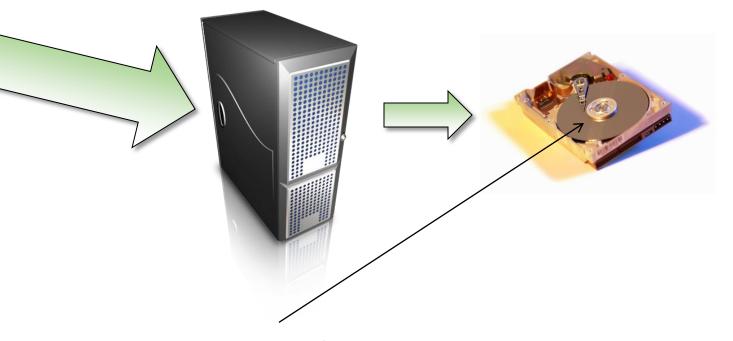


styles.css lives right there

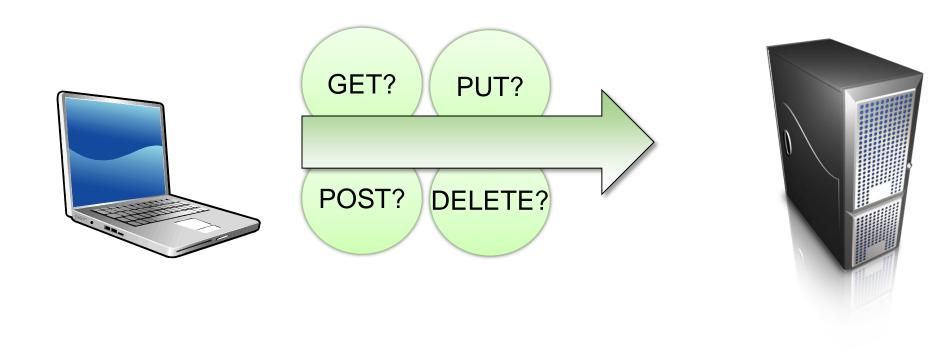


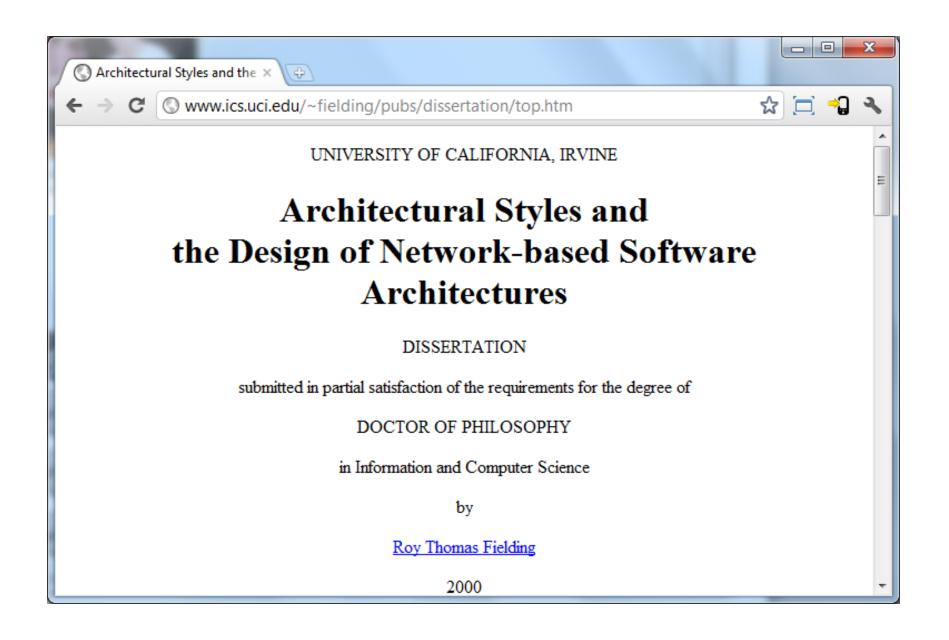


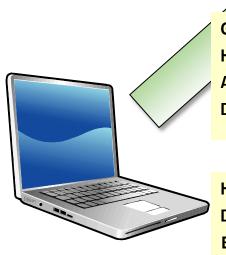




giant_map_of_third_planet.svg



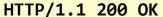




GET /maps?q=deep+dish+pizza HTTP/1.1

Host: maps.google.com
Accept-Language: fr-FR

Dat



Date: Wed, 25 Jan 2012 22:09:33 GMT

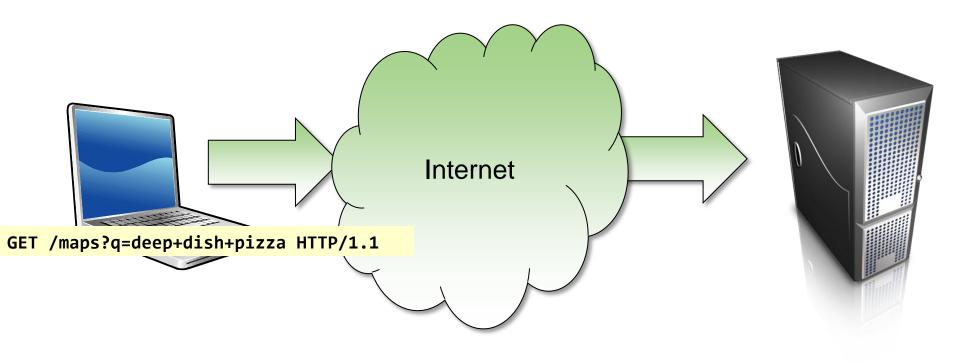
Expires: -1

Cache-Control: private, max-age=0

Content-Type: text/html; charset=UTF-8

Content-Encoding: gzip Content-Length: 68927

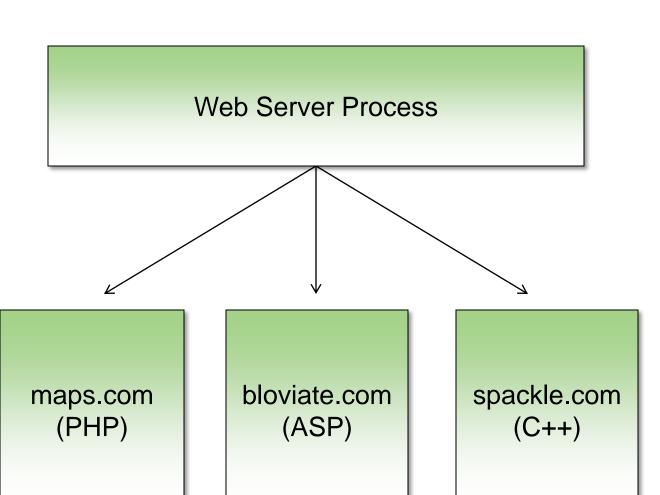




GET . . .

HOST: maps.com





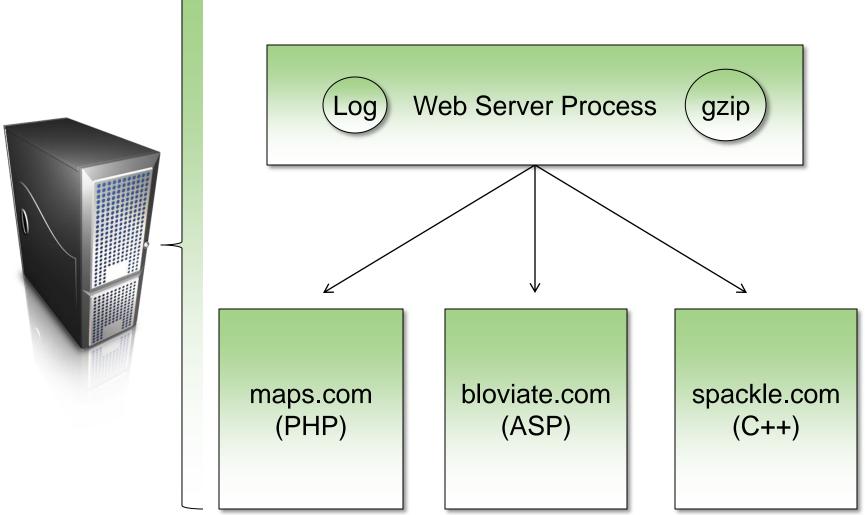


GET . . .

HOST: maps.com



HTTP/1.1 200 OK



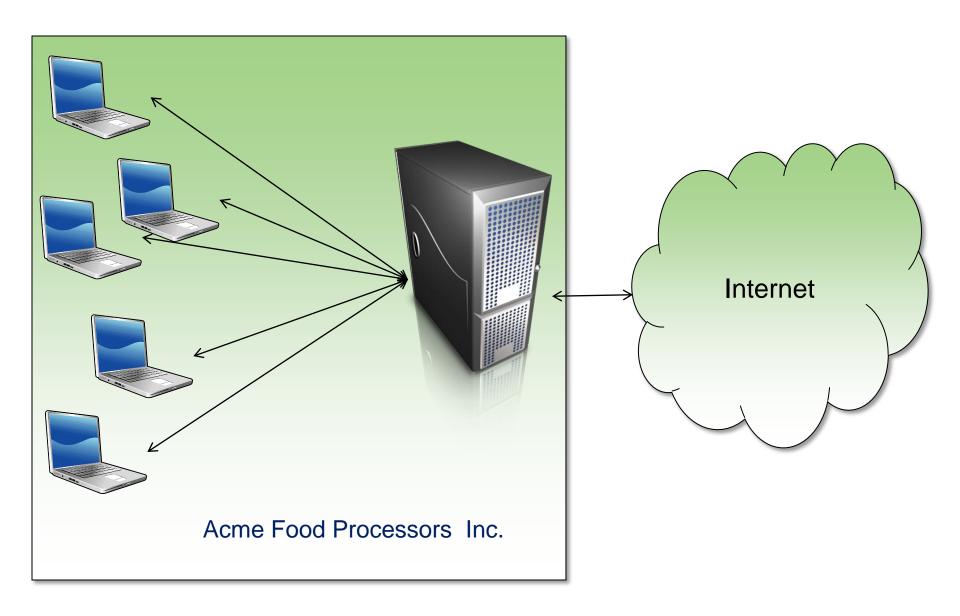


GET . . .

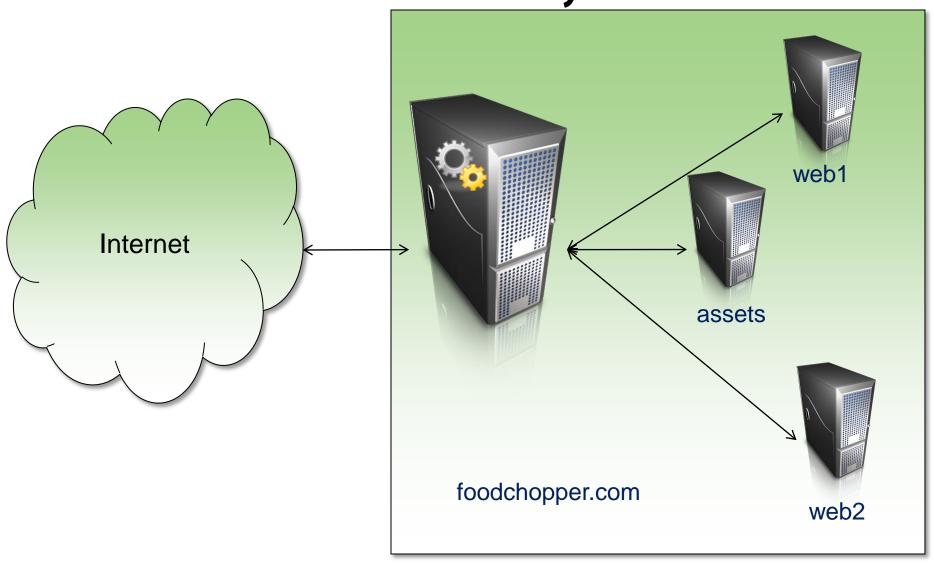
HOST: twitter.com



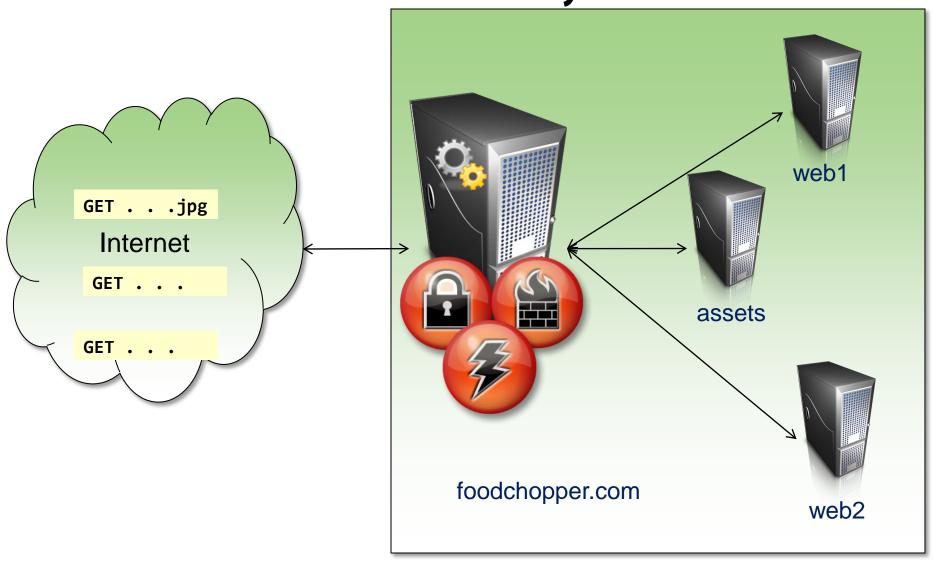
Forward Proxy



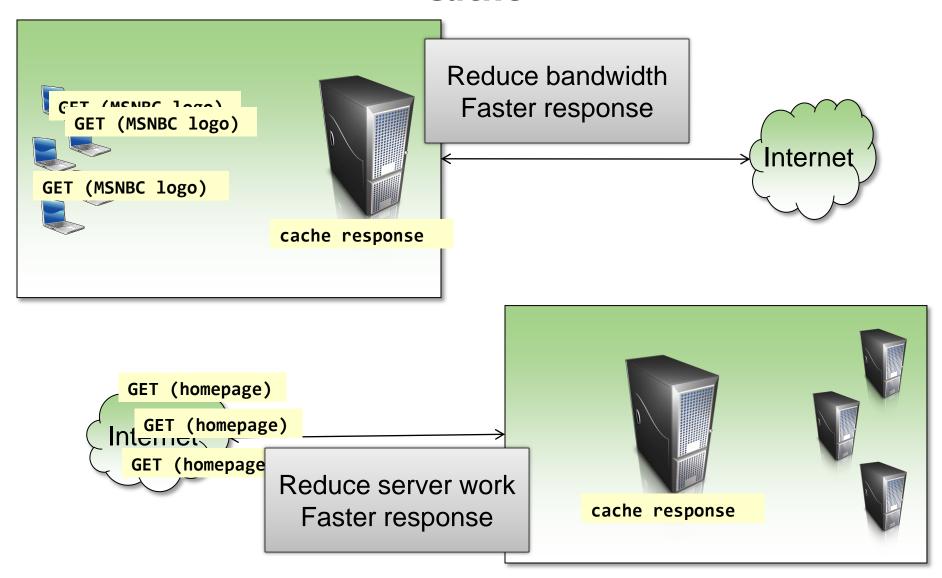
Reverse Proxy



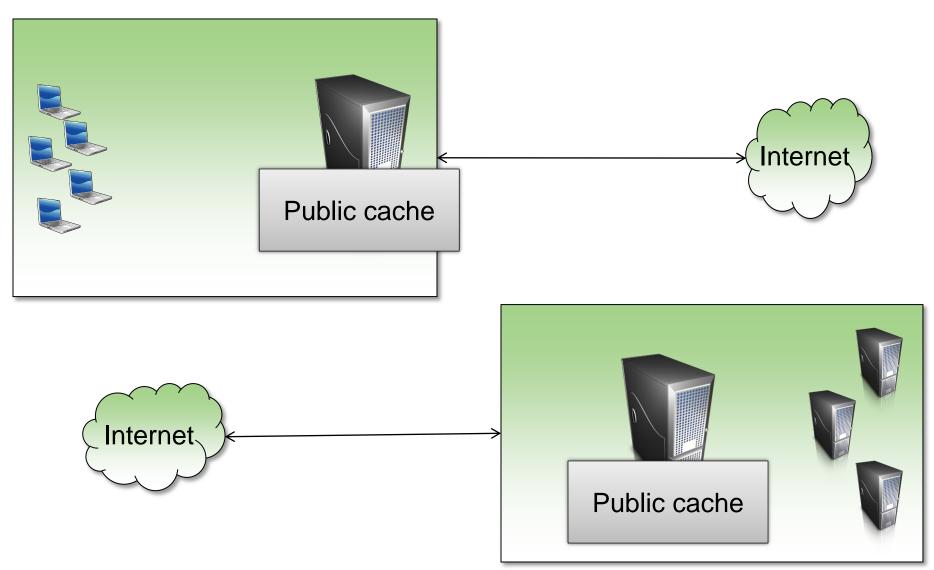
Reverse Proxy

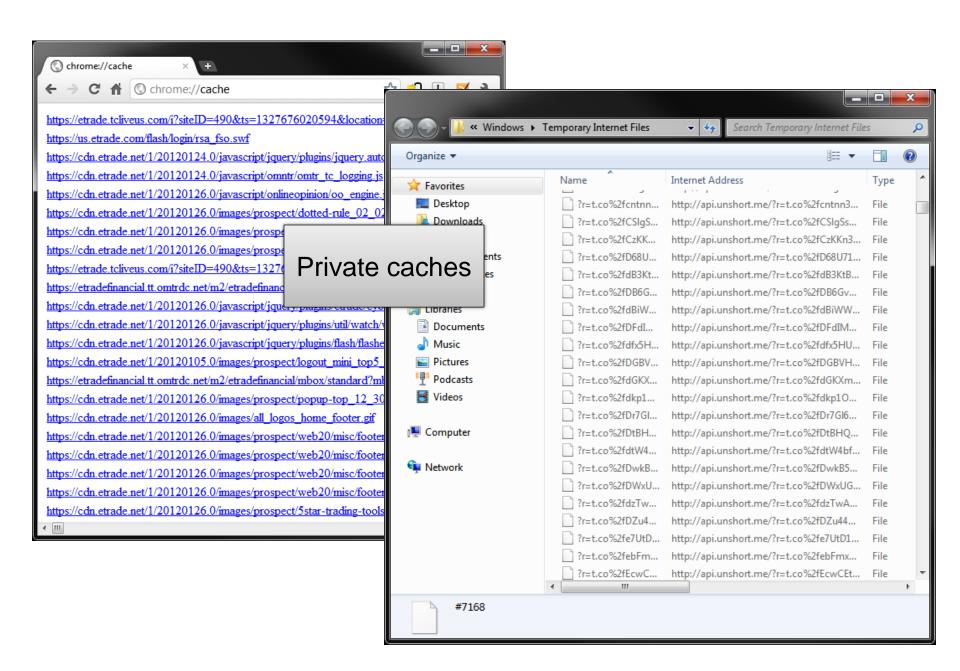


Cache



Cache





HTTP/1.1 200 OK

Date: Wed, 12 Jan 2012 12:09:33 GMT

(response to GET request)

Cache It!

PUT, POST, or DELETE

Don't cache

HTTP/1.1 200 OK

Cache-Control: private, max-age=0

Expires: . . .

Pragma . . .

Content-Type: text/html; charset=UTF-8

Content-Encoding: gzip
Content-Length: 68927

Follow the instructions ...

Cache Control

Directive	Meaning
public	A response for everyone
private	A response for a single user
no-cache	Don't cache the response
no-store	You never saw this response

```
Response.Cache.SetCacheability(HttpCacheability.Public);
Response.Cache.SetExpires(DateTime.Now.AddSeconds(60));
```

HTTP/1.1 200 OK

Content-Type: image/png

Last-Modified: Tue, 23 Aug 2011 13:28:21 GMT

Cache-Control: private, max-age=31536000

GET /maps?q=deep+dish+pizza HTTP/1.1

Host: maps.google.com
Accept-Language: fr-FR

Date: Fri, 9 Jul 2012 23:59:59 GMT

HTTP/1.1 200 OK

Date: Wed, 25 Jan 2012 22:09:33 GMT

Expires: -1

Cache-Control: private, max-age=0

Content-Type: text/html; charset=UTF-8

Content-Encoding: gzip Content-Length: 68927