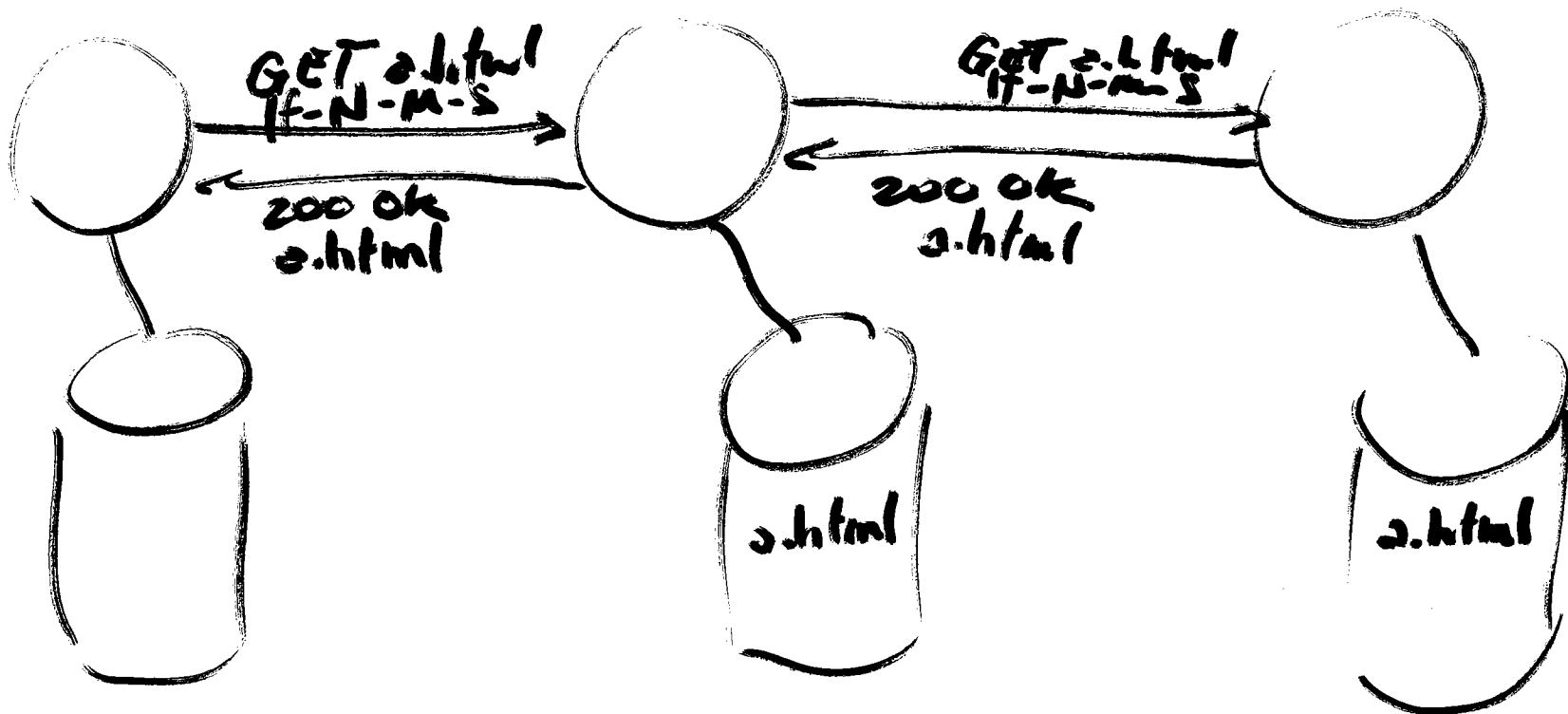


HTTP Caching

client

Cache

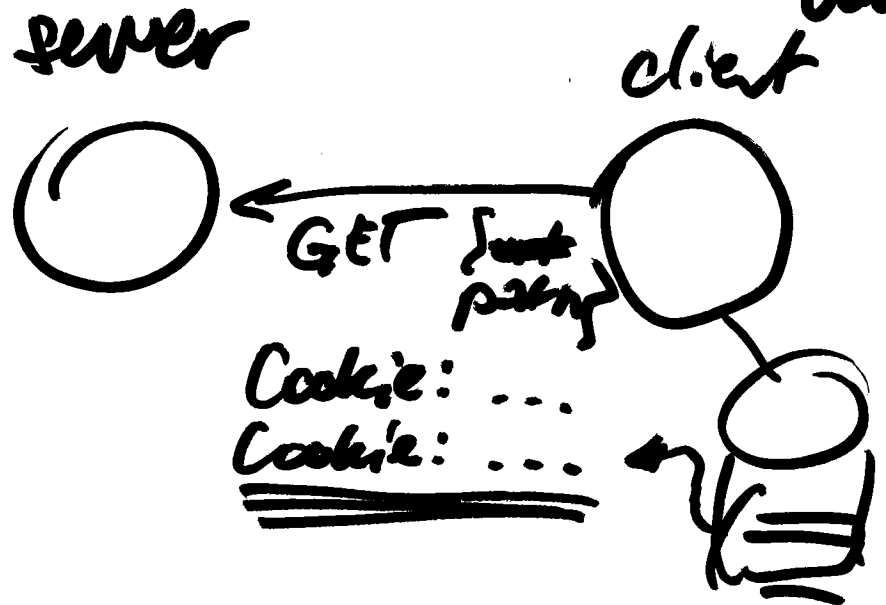
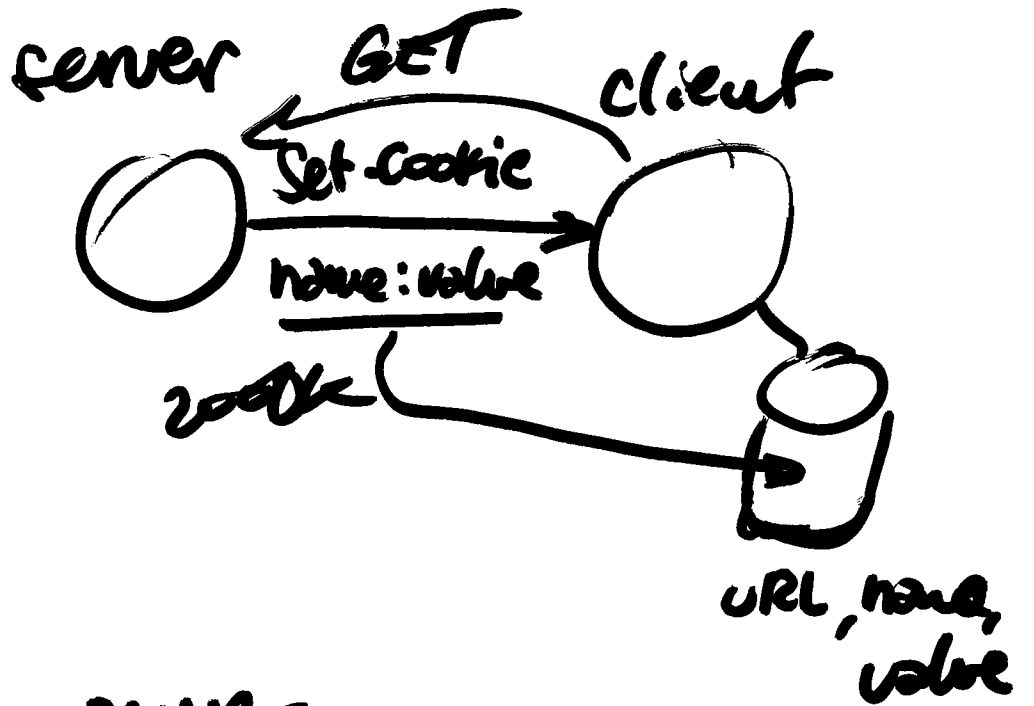
server



Session State

Cookies

- stored on client



1. Req.
Sunday evening
Resp.

Cache

a.html
Sunday
noon

Server
a.html
Sunday
a.html
Sunday
morning

2. Req
Monday afternoon
Resp.

GET a.html

a.html
Sunday
morning

GET
If-Not-Modified-
Since:

a.html
Monday
morning

if a.html modified
after

then
return 200 OK
+ content
else
return 304
Not Modified

HTTP Caching

How does a cache determine if its contents are ~~stale~~ stale?

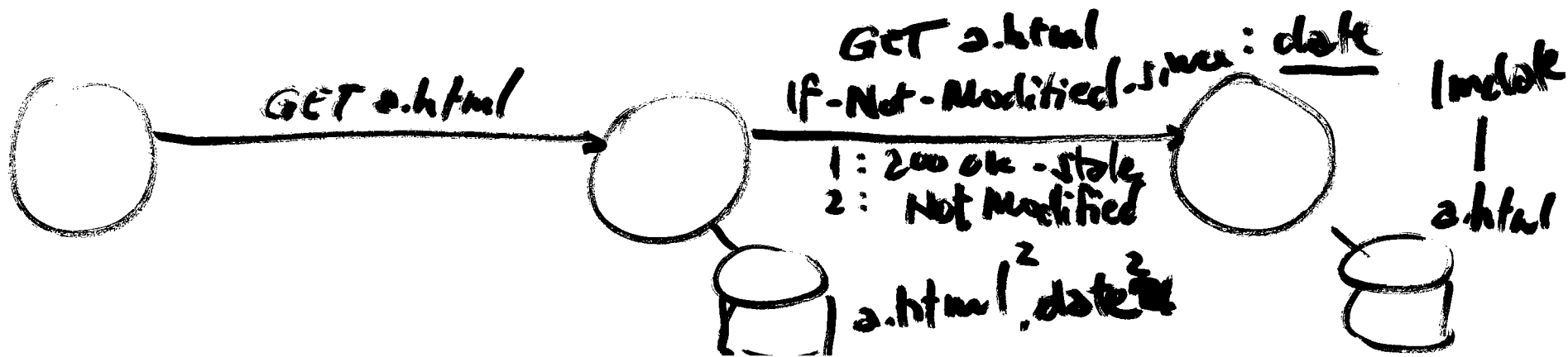
- Dates

- Etags

client

cache

server



hits

~100

websites in WWW

