



gethostbyname("google.com");

↳

gethostbyname("facebook.com");

↳

Protocol: some way of communicating that we all understand and agree on

Specified in formal documents called RFCs

## HTTP

**Request:** First, client sends a request  
Server replies with a response

request line

GET /index.html HTTP/1.1

Verb:

- GET: retrieve
- POST: modify something on the server

headers (K/V pairs)

Host: www.google.com  
Locale: en-US

- HEAD:

blank line: indicate end of request

␣␣␣ (CRLF)

Path: what are you trying to do?

HTTP version

