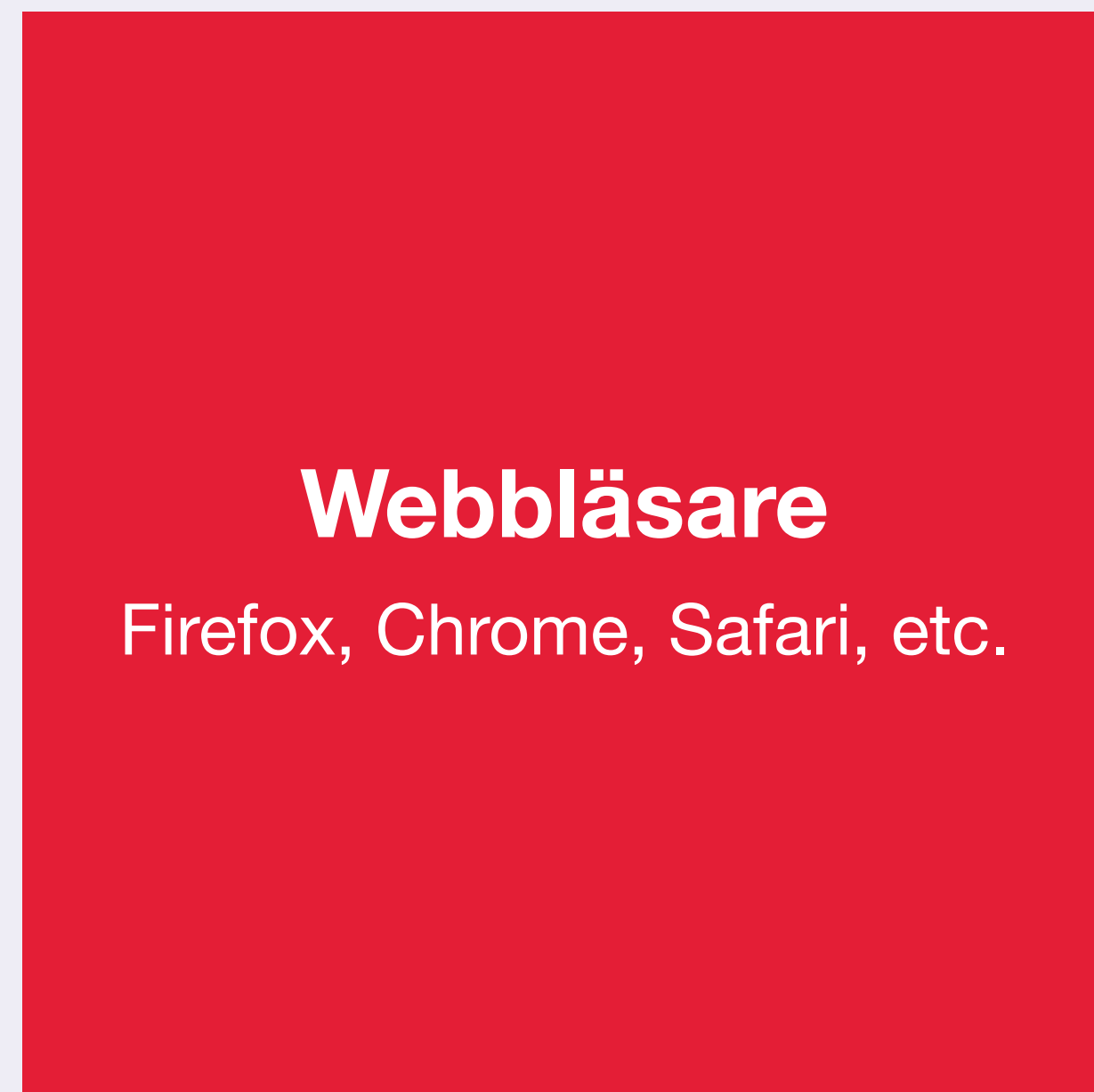


HTTP

HyperText Transfer Protocol

Klient (aka *user-agent*)

Server



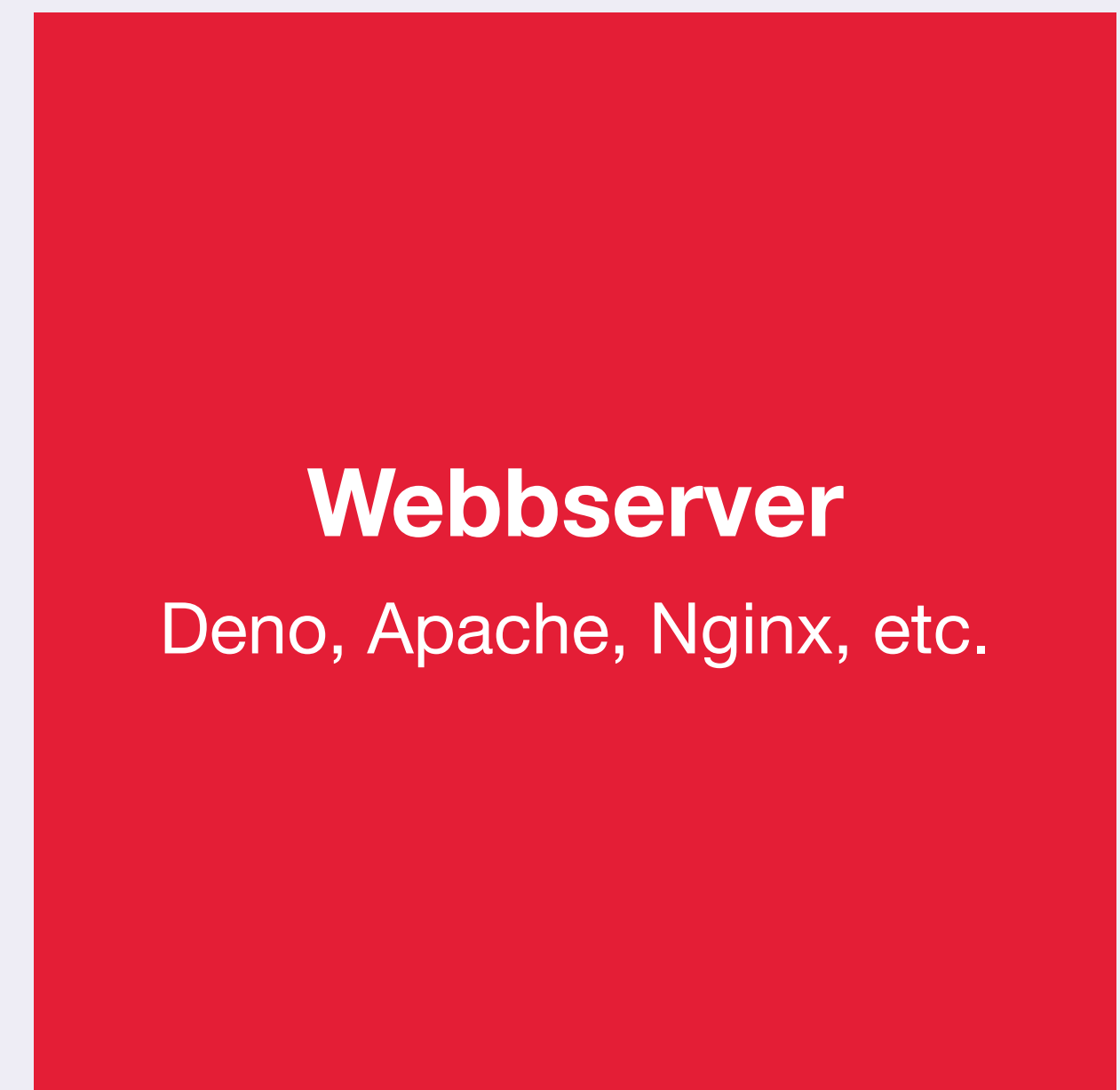
Request

`http://dogs.com/index.html`



Response

`<h1>Dogs are the best!</h1>...`



Request-Response Model

HTTP Request

Klient

Webbläsare

Firefox

Request

`http://dogs.com/index.html`

Vad skickas från vår dator?

```
GET /index.html HTTP/1.1
Host: dogs.com
User-Agent: Firefox/134.0
Accept: text/html
```

HTTP Request

GET /index.html HTTP/1.1

Host: dogs.com

User-Agent: Firefox/134.0

Accept: text/html

Headers

- HTTP Method
- Path
- Protocol version
- Where/from whom?
- Who am I?
- What do I want/accept?
- ...

HTTP Response

Server

Response

<h1>Dogs are the best!</h1>...

Vad skickas från webbservern?



Webbserver

Deno

HTTP/1.1 200 OK

Date: Tue, 04 Feb 2025 08:43:10 GMT

Server: Deno

Content-Length: 281

Content-Type: text/html

<!doctype html><html><head>...

HTTP Response

HTTP/1.1 200 OK

Date: Tue, 04 Feb 2025 08:43:10 GMT

Server: Deno

Content-Length: 281

Content-Type: text/html

<!doctype html><html><head>...

Response body

- Protocol version
- Status code
- Status message
- Date
- What server?
- Response size *in bytes*
- Response type
- ...

An overview of HTTP

HyperText Transfer Protocol

- Response-Request Model
 - Client/Server
- Methods
 - GET, POST, PUT, DELETE, etc.
- Status Codes
 - 200 OK, 404 Not Found, 500 Internal Server Error, etc.
- Headers
 - Content-Type, User-Agent, Date, etc.

An overview of HTTP

HyperText Transfer Protocol

