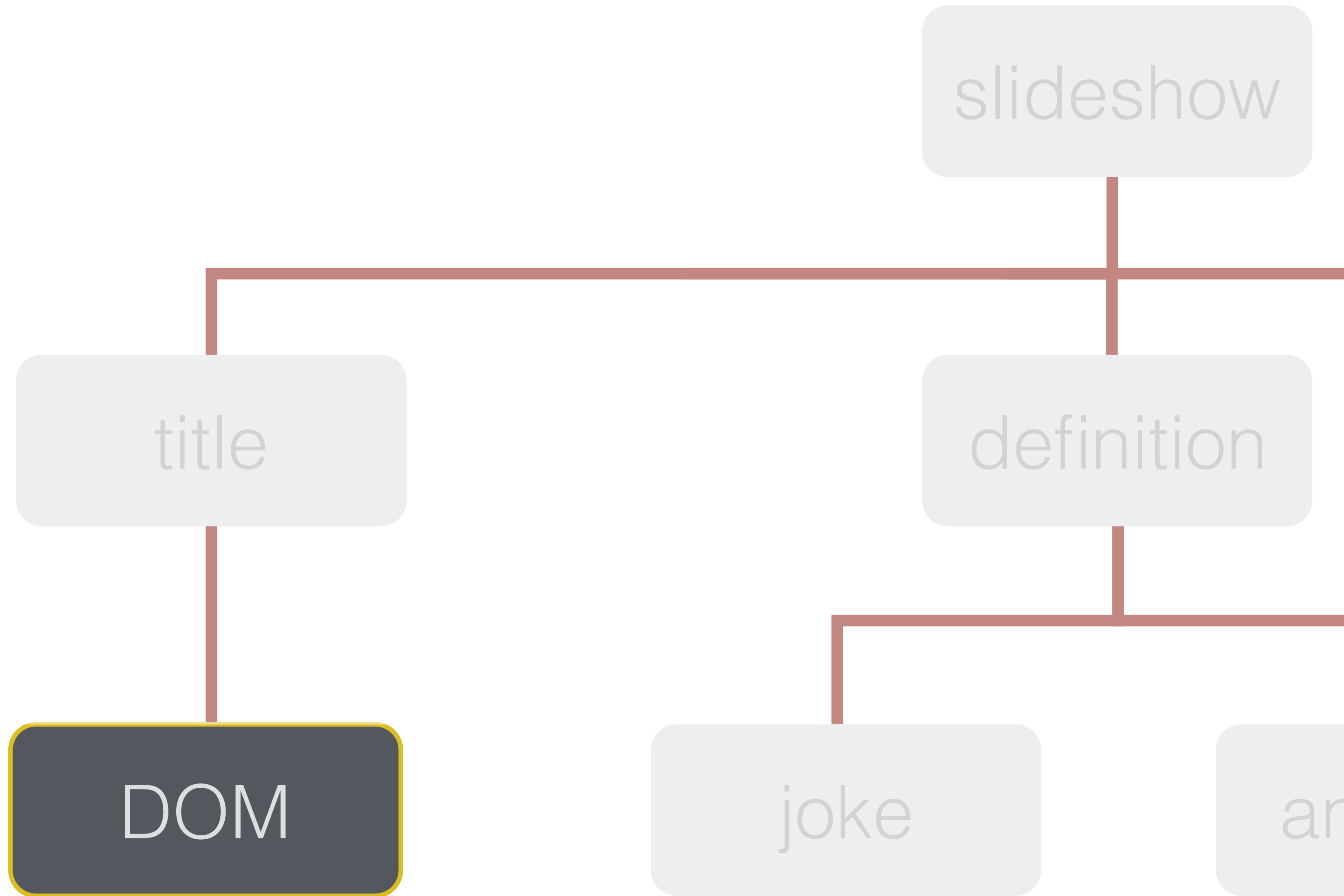


~~Dominion of Melchizedek~~

Document-Object-Model



HTML

index.html

```
<html>
  <head>
    <title>...</title>
  </head>
  <body>
    <h4>...</h4>
    <div>
      <p>...</p>
      <p>...</p>
    </div>
  </body>
</html>
```

Object

(console)

```
> document
< {
  ...
  head: {
    ...
  },
  ...
  body: {
    ...
  }
  ...
}
```

Blueprint



House

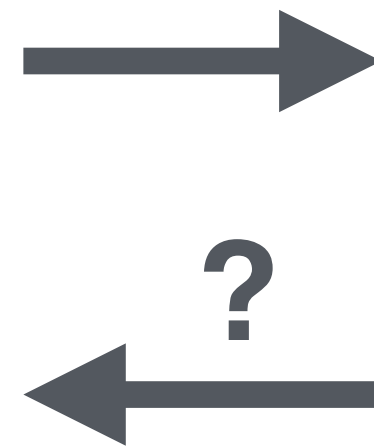


Why?

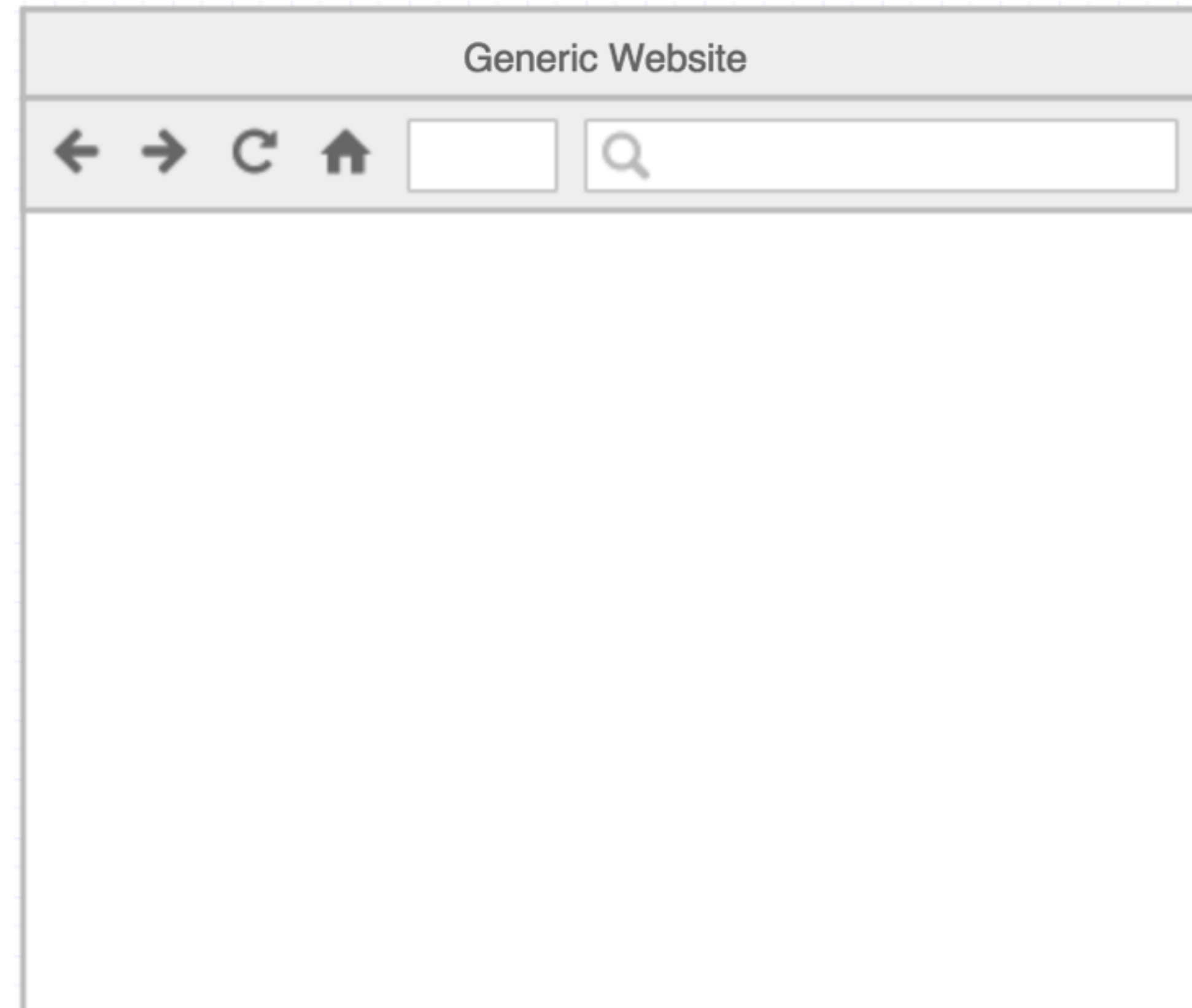
HTML

```
index.html

<html>
  <head>
    <title>...</title>
  </head>
  <body>
    <h4>...</h4>
    <div>
      <p>...</p>
      <p>...</p>
    </div>
  </body>
</html>
```



Web Page





Vidur Apparao

CTO at Agari

San Francisco Bay Area | Information Technology and Services

Current Agari, Various Companies
Previous LiveOps, Inc., Slim Devices, Inc., America Online
Education Brown University

Connect

Send Vidur InMail

Chief Architect

Netscape

January 1996 – March 1999 (3 years 3 months)

I was Chief Architect in the Netscape Client group where I worked on multiple versions of the Netscape Navigator browser, the Gecko Layout Engine and the Mozilla open source transformation. During my tenure at Netscape, I:

* Participated in definition, design and implementation of many of the technologies and standards that made up Dynamic HTML (DHTML) - HTML, CSS, JavaScript and the Document Object Model (DOM).

These standards are the basis for modern browser-based frameworks and patterns, including Ajax, jQuery, etc.

* Drove the vision of the browser as an application and media container, including initial work on animation and event handling in web pages.

* Co-edited the W3C Document Object Model Level 1 and Level 2 standards. Participated in HTML 4, CSS 2 and XML Protocol/SOAP working groups.

* Designed and implemented core parts of the Gecko Layout Engine, the basis for Mozilla's Firefox and Thunderbird applications.

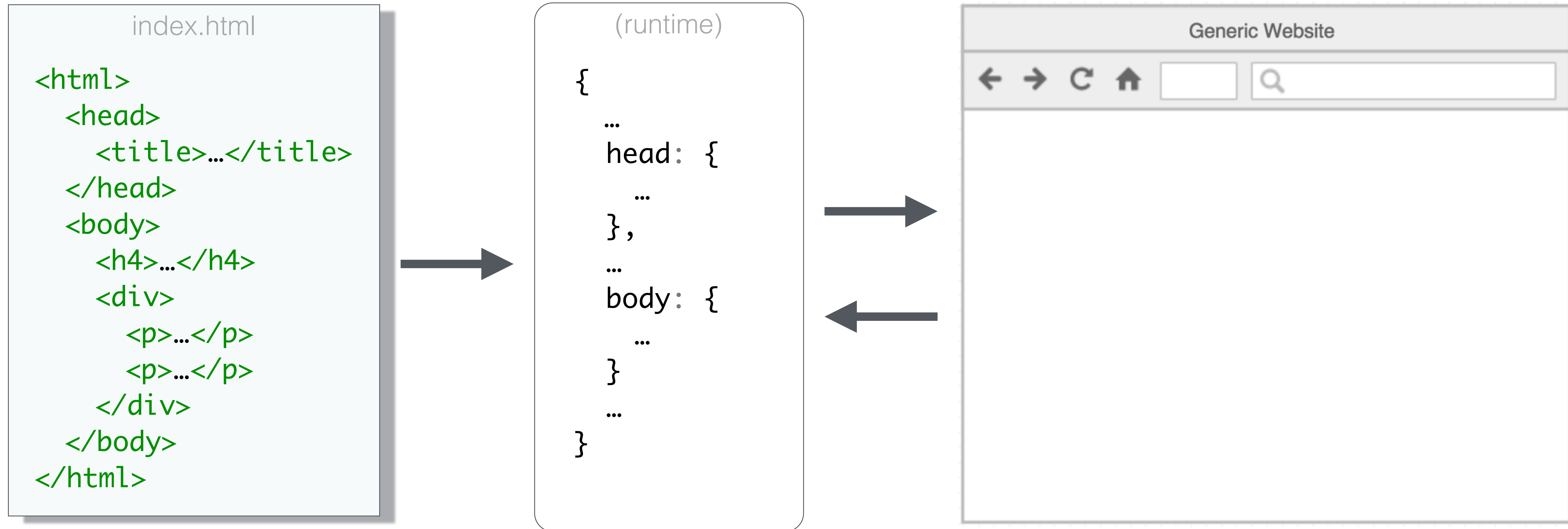
* Developed and supported the global Mozilla open source community, recruiting key members into the core engineering team.

* Participated in definition, design and implementation of many of the technologies and standards that made up Dynamic HTML (DHTML) - HTML, CSS, JavaScript and the Document Object Model (DOM).

~1997 AD

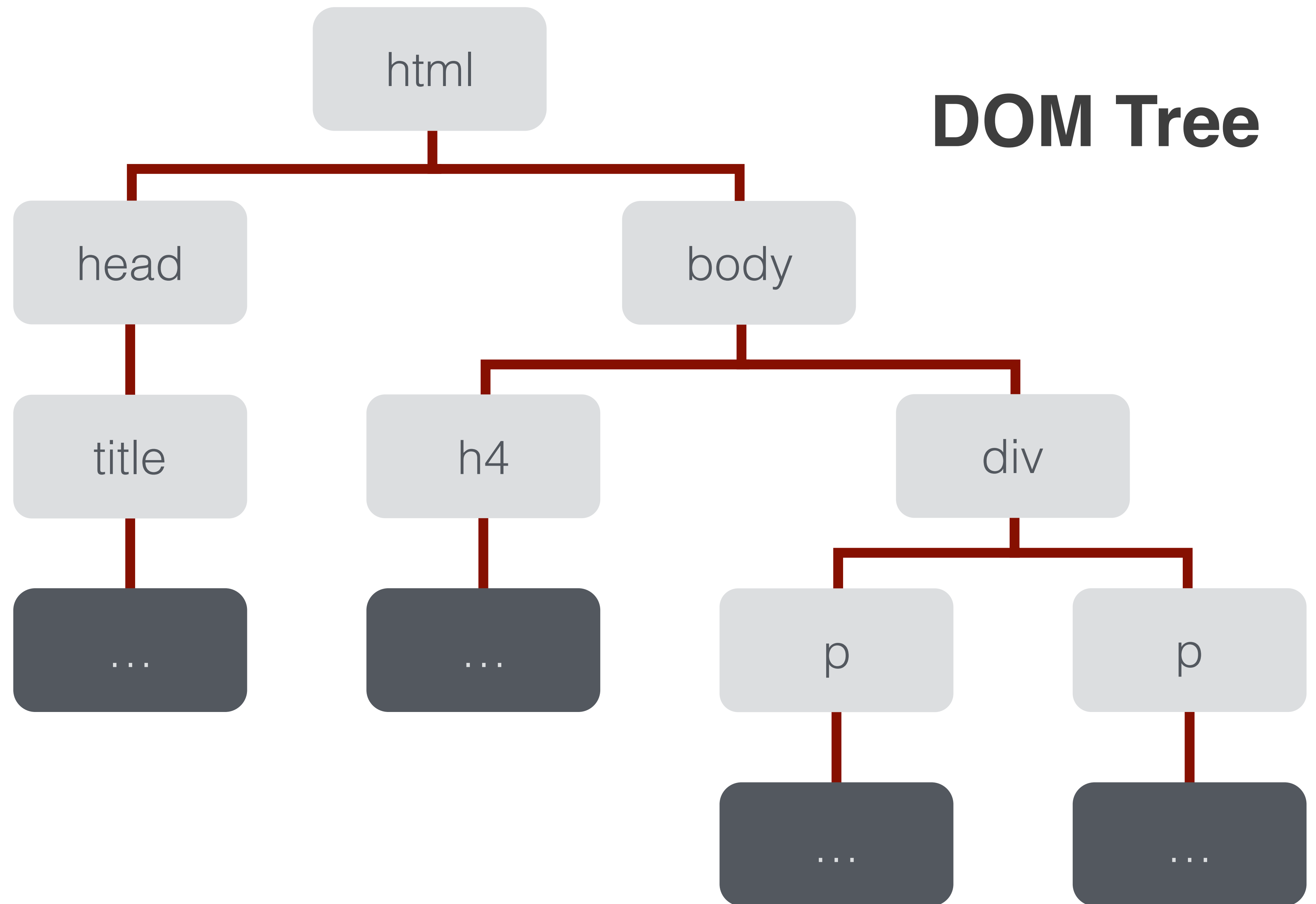
How?

Document Object Model




```
<html>
  <head>
    <title>...</title>
  </head>
  <body>
    <h4>...</h4>
    <div>
      <p>...</p>
      <p>...</p>
    </div>
  </body>
</html>
```

DOM Tree



- **Document** (<https://developer.mozilla.org/en-US/docs/Web/API/document>)
- **Node** (<https://developer.mozilla.org/en-US/docs/Web/API/Node>)

SELECTOR.JS

- **Utility library**
- **Functions for traversing/manipulating the DOM**
- **...jQuery**