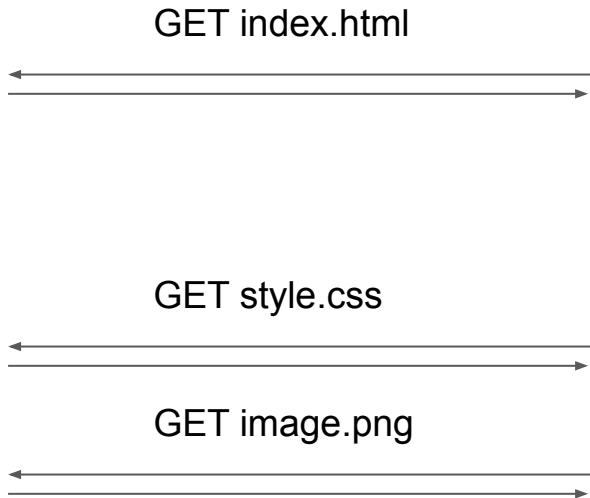


# Web app styles

# Static page / app

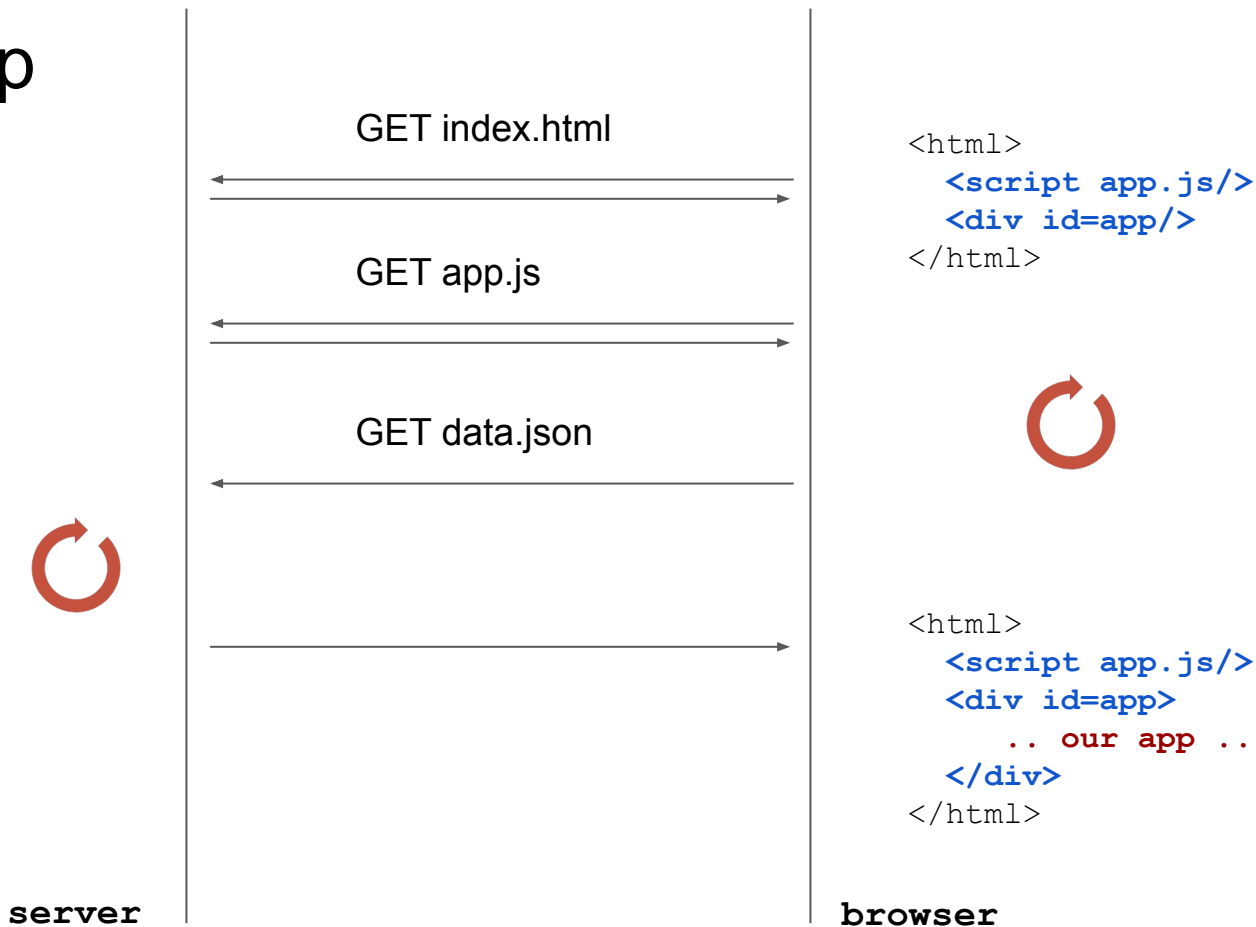
server



browser

```
<html>
  <link style.css/>
  <img image.png/>
</html>
```

# Single page app



# Server side rendering

server

browser



GET index.html



GET app.js



GET data.json



```
<html>
  <script app.js/>
  <div id=app>
    .. content ..
  </div>
</html>
```



```
<html>
  <script app.js/>
  <div id=app>
    .. updated ..
  </div>
</html>
```

# Pre-rendering

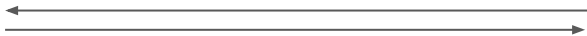
server



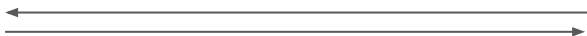
generation step

browser

GET index.html



GET app.js



GET data.json



```
<html>
  <script app.js/>
  <div id=app>
    .. content ..
  </div>
</html>
```



```
<html>
  <script app.js/>
  <div id=app>
    .. updated ..
  </div>
</html>
```

# Eigenschaften?

Typ	Vorteile	Nachteile
Static	schnell	nur statischer content
Single page app (SPA)	benutzerfreundlich, feature-reich	Indexierung? speed?
Server side rendering (SSR)	benutzerfreundlich, feature-reich, indexierung	programmierung, server setup, speed
Pre-rendering	benutzerfreundlich, feature-reich, indexierung	generierung nötig, click events