

# webapp types

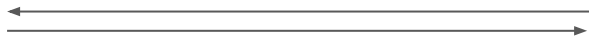
TSBE 2019 FS

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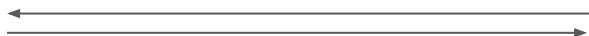
# Static page / app

server

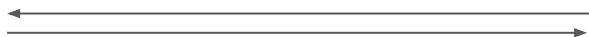
GET index.html



GET style.css



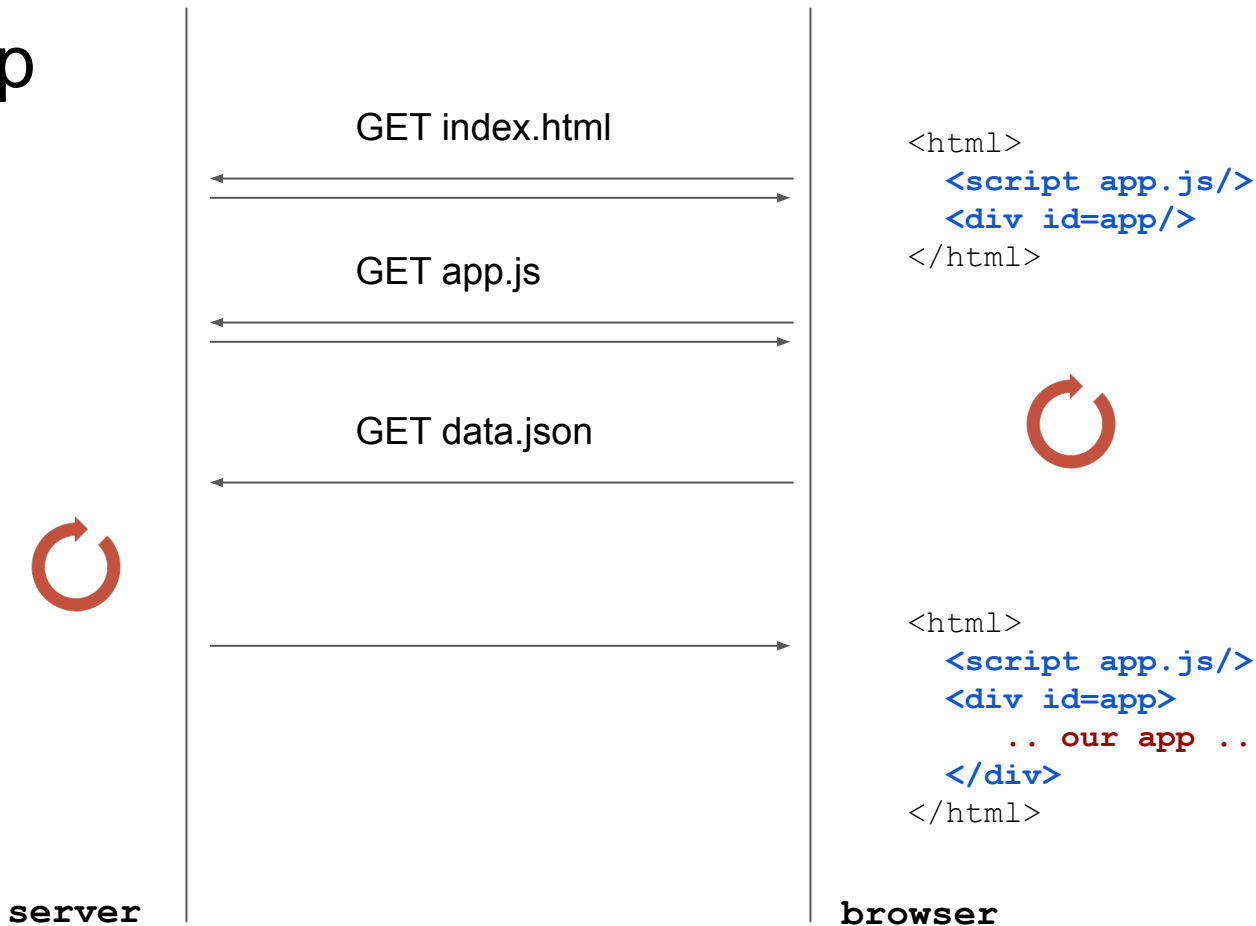
GET image.png



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

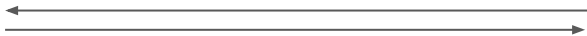
server



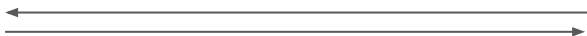
generation step

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