

Vorlesung 07

SINGLE PAGE APPLICATIONS IN JAVASCRIPT

Tools

- ▶ Installationsanleitungen:

- ▶ <https://www.wpvvs.de/repo/webprog/software/#1>

- ▶ Git-Versionierung

- ▶ Einrichtung: <https://www.wpvvs.de/repo/webprog/git/#1>
 - ▶ Anleitung Git: <https://git-scm.com/book/en/v2>

- ▶ Node.js

- ▶ Lektüre (optional): [The Beginners Guide](#)

Atom – praktische Plugins

- ▶ Installieren von <https://atom.io/packages> oder in Atom "File – Settings – Install"

- ▶ git-plus
 - ▶ atom-ide-ui
 - ▶ ide-typescript
 - ▶ ide-html
 - ▶ open-in-browser

Node.js Server

- ▶ Statische Inhalte aus node
 - ▶ Paket in Konsole installieren
 - ▶ `npm install connect serve-static`
- ▶ Minimaler Server (Code siehe rechts)
- ▶ Starten in Konsole mit
 - ▶ `node server.js`

▶ Server.js

```
var connect = require('connect');
var serveStatic = require('serve-static');
connect().use(serveStatic(__dirname)).listen(
  8080, function(){
    console.log('Server running on
8080...');
  });
```

Grundstruktur einer SPA

- ▶ Aufgabe:

- ▶ <https://github.com/DennisSchulmeister/dhbwka-wwi-webprog-quellcodes/tree/master/3-javascript/Grundstruktur%20einer%20Single%20Page%20App/Aufgabe>

- ▶ So soll es aussehen:

- ▶ <https://www.wpv.s.de/repo/webprog/quellcodes/3-javascript/Grundstruktur%20einer%20Single%20Page%20App/Loesung/>

- ▶ Quellcode der Lösung:

- ▶ <https://github.com/DennisSchulmeister/dhbwka-wwi-webprog-quellcodes/tree/master/3-javascript/Grundstruktur%20einer%20Single%20Page%20App/Loesung>