



NEU, JUNG UND AUS BERN

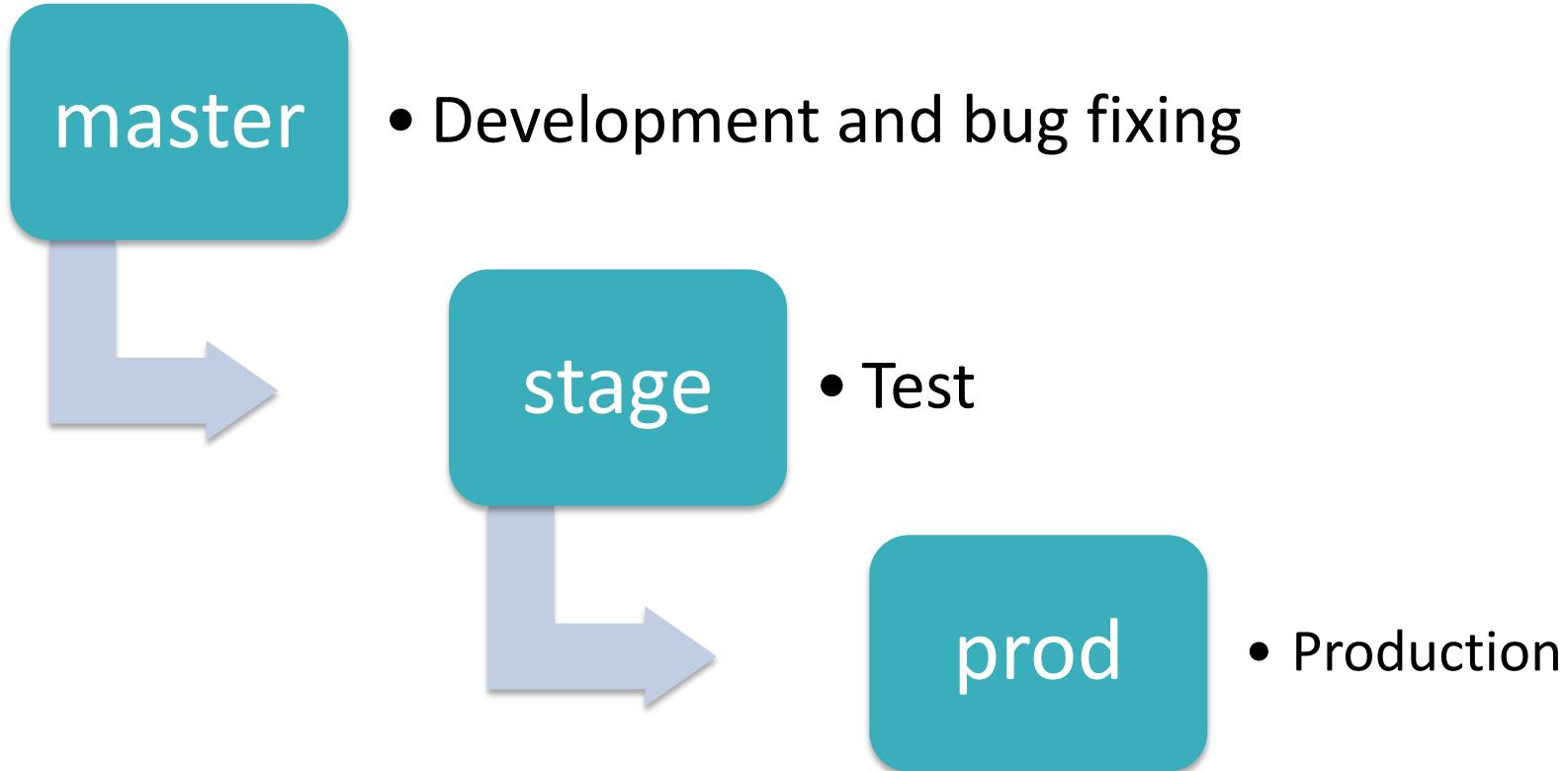
sidefyn

# Technical Overview DV Bern Website

sidefyn GmbH



# Branching



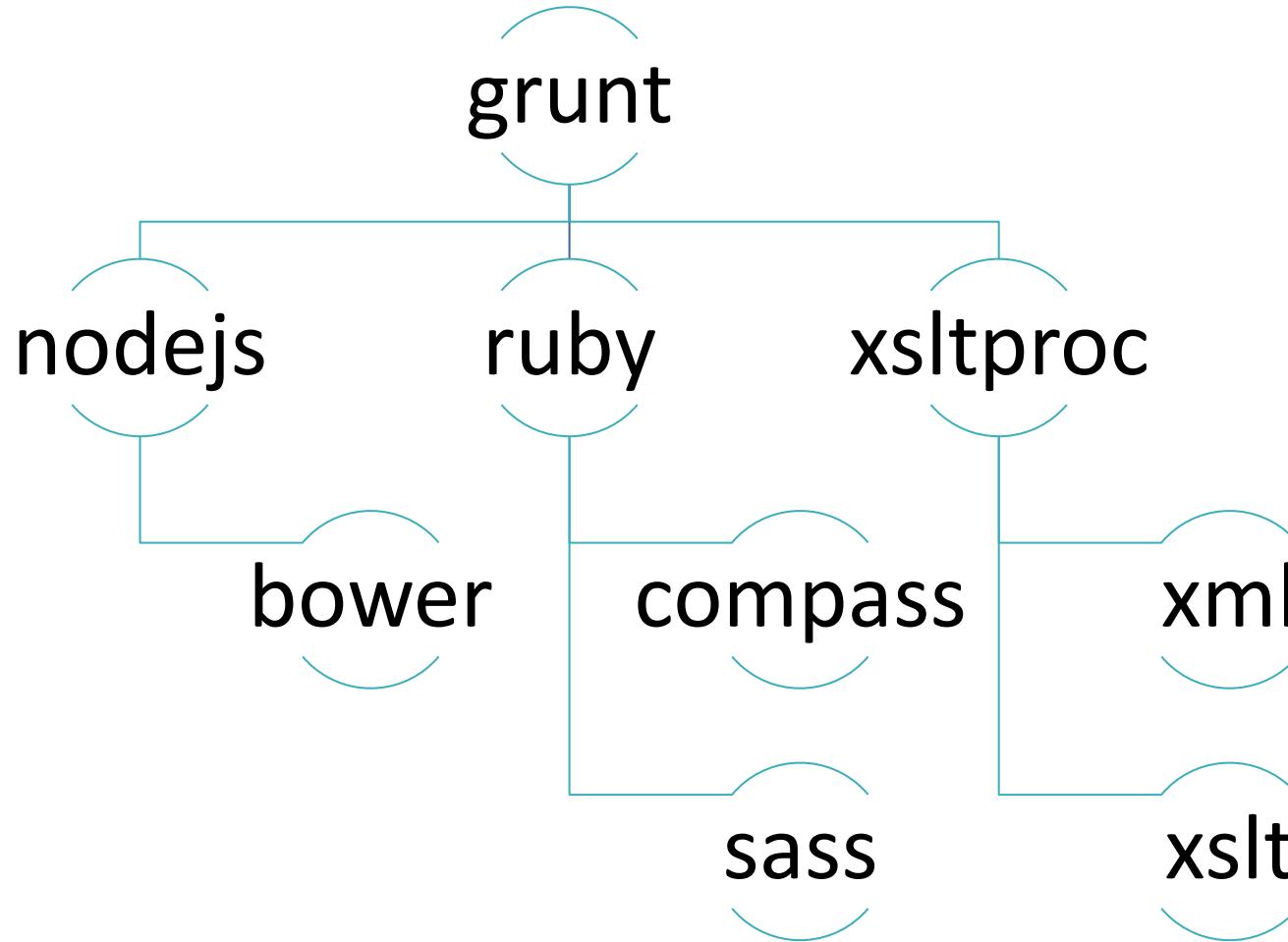


# Development Environment

- Apache >= 2.2
- PHP >= 5.4
- Setup instructions in README.me

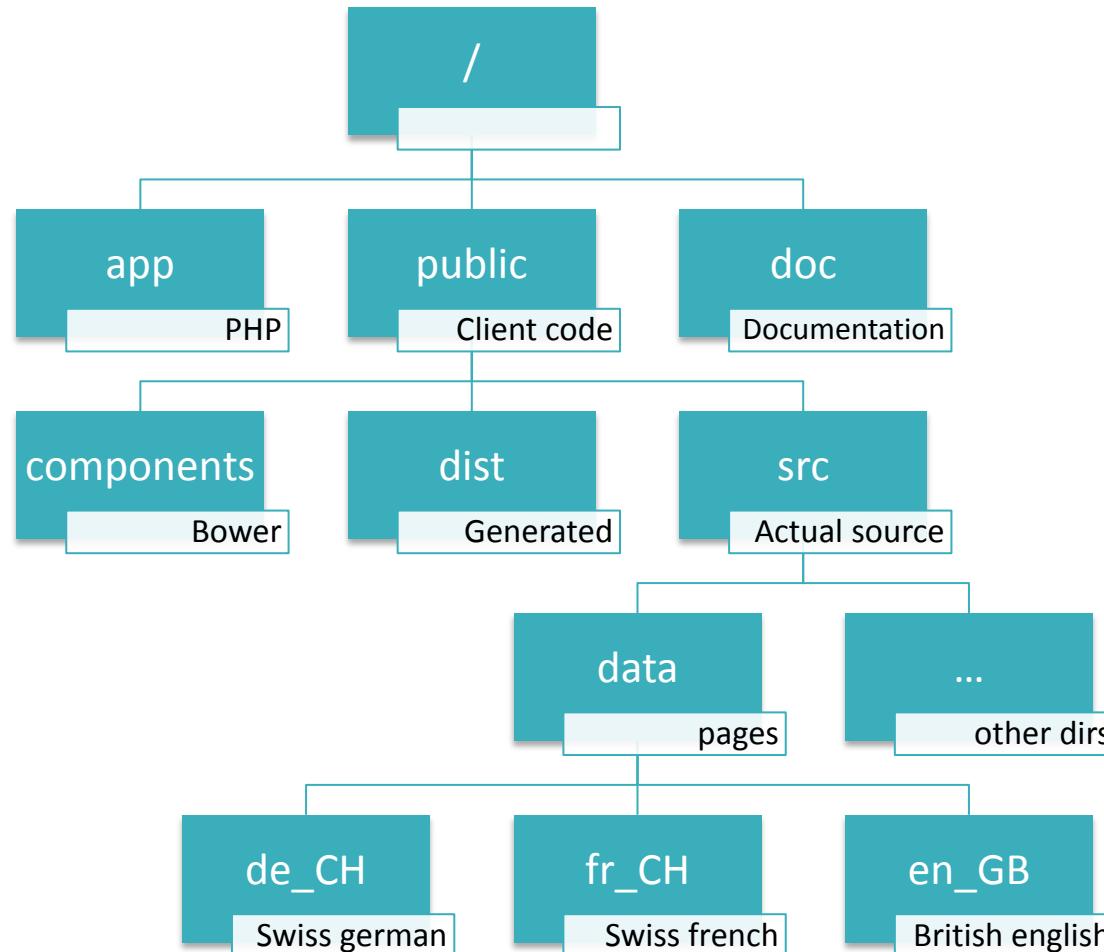


# Development Environment



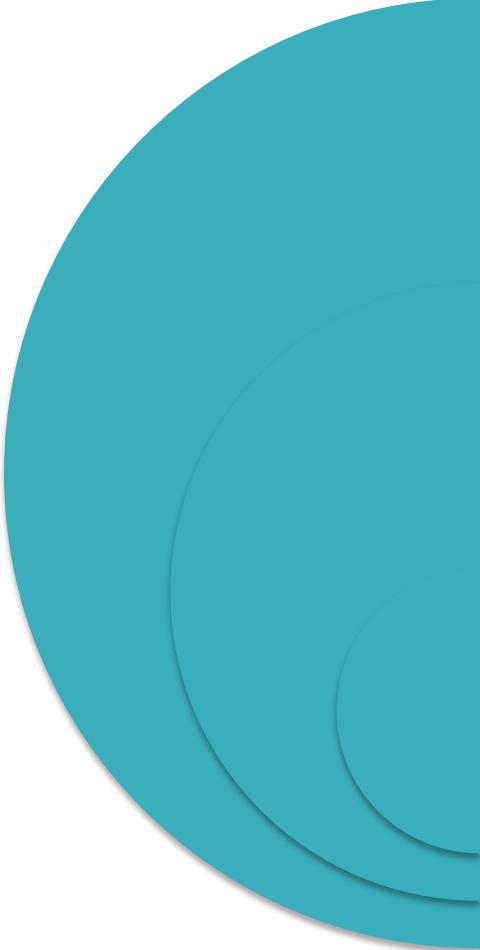


# Directories





# JavaScript Libraries



**jQuery**  
~2.1.1

**jQuery-mousewheel**  
~3.1.12

**countUp.js**  
~1.3.2



# Useful commands

- bower install // install currently required JS libs  
bower install <lib> --save // add new JS lib  
bower update // update JS libs to newer versions
- grunt // build site in dev mode  
grunt prod // build site in production mode  
grunt watch // start file watcher mode
- npm install // install packages  
npm install <pkg> --save-dev // add new dev package



# Grunt tasks

Command: grunt <task|taskcollection>[:<subtask>]

- **clean**: cleans /public/dist/
- **uglify**
  - **debug**: Creates main.min.js w/ source map
  - **prod**: Create main.min.js w/o source map
- **compass**: generate main.css
- **copy**: copies images and downloads from /public/src/ to /public/dist/
- **xsltproc**: generates HTML files
- **watch**: watches /public/src/ for changes and executes applicable tasks
- Task collections:
  - **default**: clean, uglify:debug, compass, copy, xsltproc
  - **prod**: clean, uglify:prod, compass, copy, xsltproc



# Basic page structure

- <page>
  - <title>...</title>
  - <navigation>...</navigation>
  - <subpages>
    - <subpage>...</subpage>
    - <subpage>...</subpage>
  - </subpages>
  - <rows>
    - <row>...</row>
    - <row>...</row>
  - </rows>
- </page>



# Important building blocks

- <textblock type=...>
  - title
  - headline
  - subtitle
  - paragraph
  - address
  - quote
- <grid>
  - <col width-lg=... width-md=... width-sm=...></col>
    - Full width: 12
- <tabs>
  - <tab></tab>



# Deployment

- Needed files:
  - .htaccess
  - app/\*\*/\*
  - public/dist/\*\*/\*
- No other files on server!
- No writable directories needed
- No configuration needed