## **YEOMAN**



September 2016

Jan-Henrik Preuß - jan-henrik.preuss@widas.de

#### **YEOMAN**



A yeoman /ˈjoʊmən/ was a member of a social class in late medieval to early modern England. [wikipedia]

TOOL:

- Modern Workflow for Modern Applications
- Node Module
- Command: yo
- Current Version: 1.8.5
- ~4300 different generators

#### WHAT IS YEOMAN?



**Scaffolding Tool** 

Yeoman helps you to kick start new projects, prescribing best practices and tools to help you stay productive.







```
stitles/title
" shortcut icon" href="/favicon.ico" type="image/x-icon"
**Innk rel="icon" href="/favicon.ico" type="image/x-icon">
```

banner-->

«nav class» "nav">

\*/014>

«div class="nav-wrapper">

«div class "container">

12cc "container"

«div class» "banner">

# GOAL 4: REDUCE TIME WRITING **BOILERPLATE EXECUTE**

abt App ">starters | Sparacesar

our notwork and my taper

a href. \* class brand-logo hide-on-med-and-up \*\* class br

a me 18 hide-on-small-only">



Yo and the generators used are installed using npm.

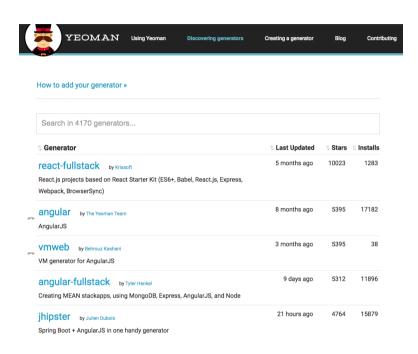
**Install Yeoman:** 

npm install -g yo

**Install a Generator:** 

npm install -g generator-webapp

#### **GENERATORS**



- 'Plugins' for Yeoman to generate the scaffolding
- Many different generators:
  - Angular1&2, Karma, HTML5, RevealJs, node, android, latex, chrome-extension, Wordpress, Java and many more

#### **EXAMPLE**

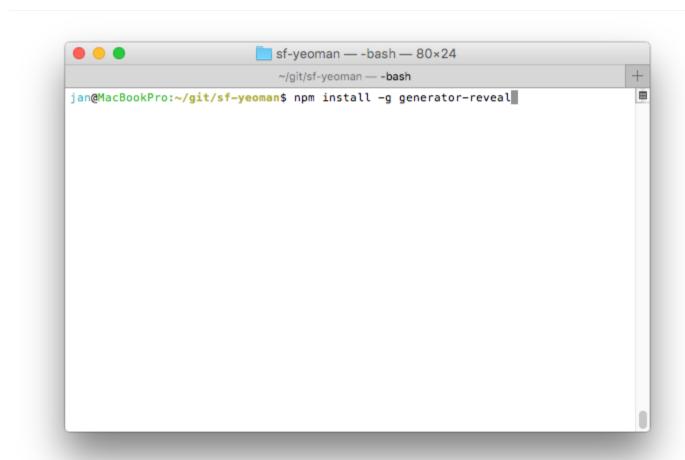
# CREATE A PRESENTATION WITH REVEAL.JS (INSTALLATION)

Install Bower and Grunt with npm

```
npm install -g bower
npm install -g grunt
```

Install the generator:

npm install -g generator-reveal



```
sf-yeoman — npm TERM_PROGRAM=Apple_Terminal SHELL=/bin/bash TERM=xt...
    npm TERM_PROGRAM=Apple_Terminal SHELL=/bin/bash TERM=xterm-256color CLICOLOR=1
                                                                                 [jan@MacBookPro:~/git/sf-yeoman$ npm install -g generator-reveal
loadDep:colors → fetch
```

```
sf-yeoman — -bash — 80×24
                            ~/git/sf-yeoman — -bash
               first-chunk-stream@2.0.0
          is-fullwidth-code-point@1.0.0
jan@MacBookPro:~/git/sf-yeoman$
```

#### **EXAMPLE**

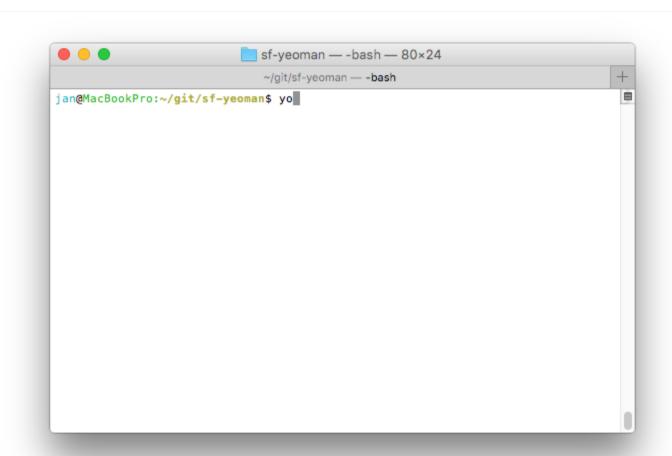
# CREATE A PRESENTATION WITH REVEAL.JS (EXECUTE)

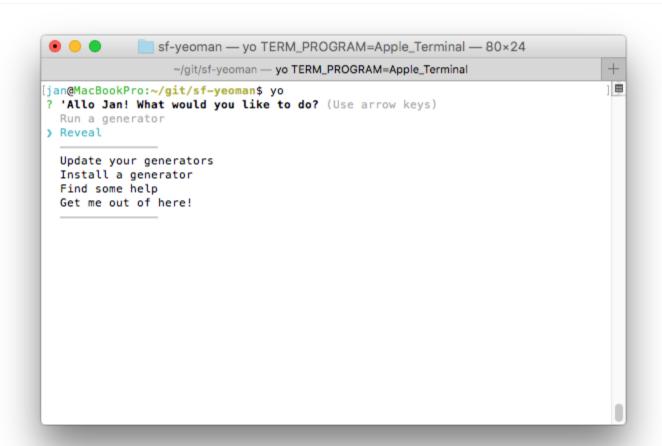
Execute the generator:

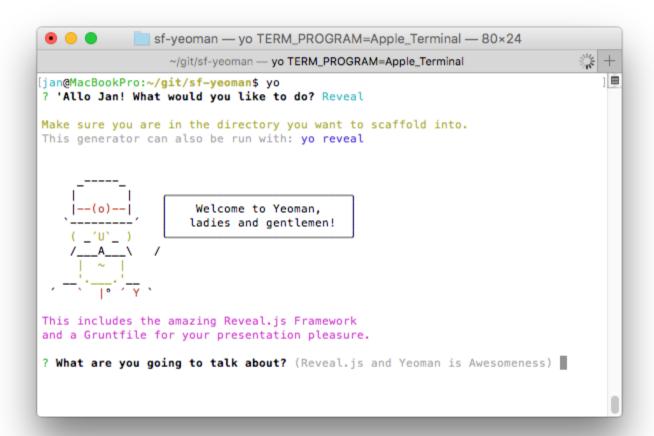
уо

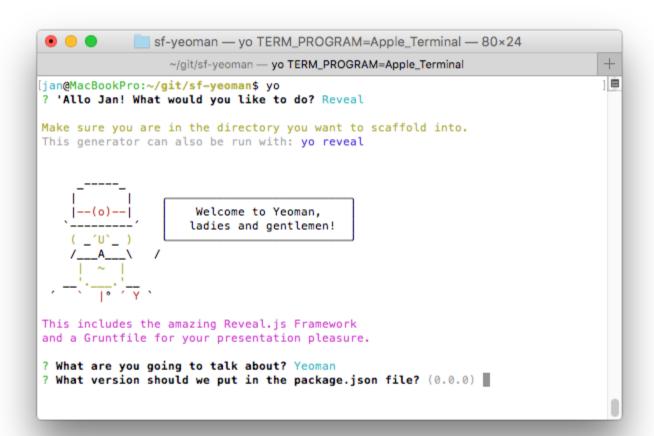
or

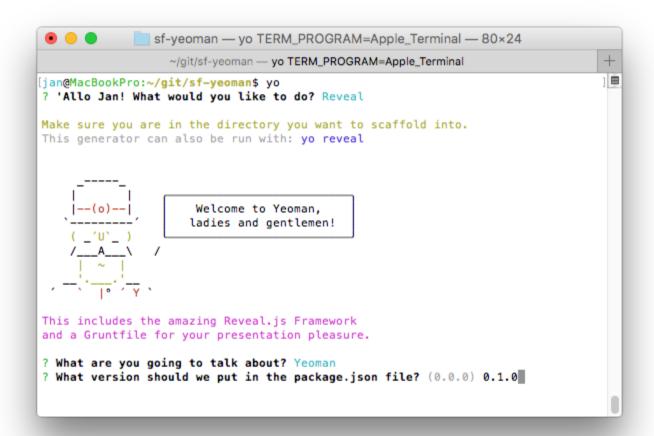
yo reveal

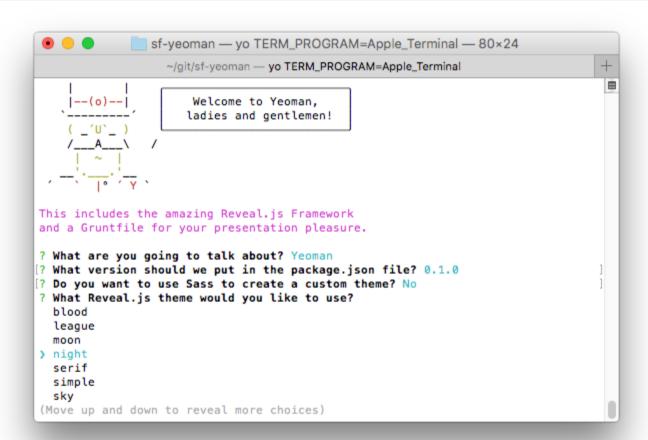


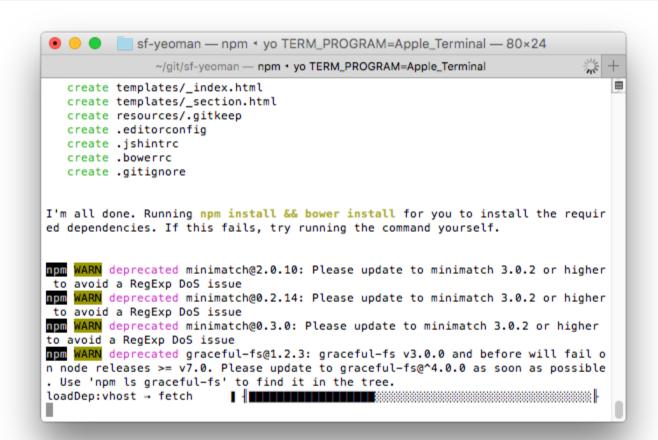




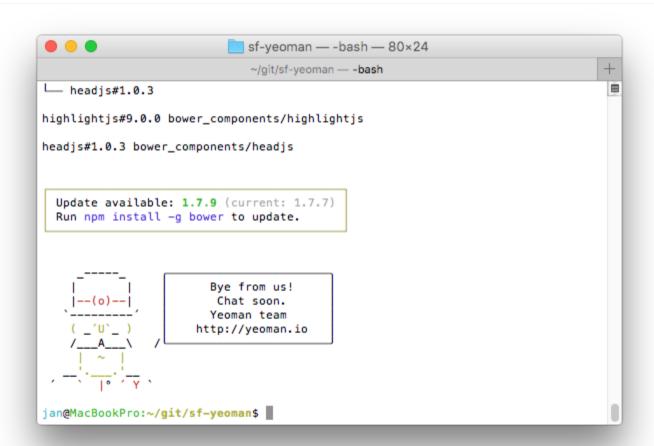




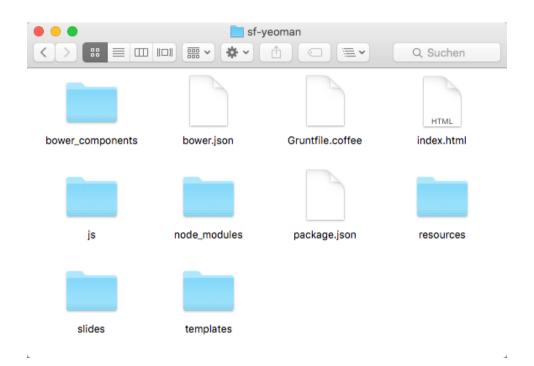




```
sf-yeoman — git < yo TERM_PROGRAM=Apple_Terminal — 80×24
                ~/git/sf-yeoman — git • yo TERM_PROGRAM=Apple_Terminal
        mopt@2.0.0
     load-grunt-tasks@3.5.2
bower not-cached
                    https://github.com/hakimel/reveal.js.git#~3.2.0
                    https://github.com/hakimel/reveal.js.git#~3.2.0
bower resolve
bower not-cached
                    https://github.com/components/highlightjs.git#~9.0.0
bower resolve
                    https://github.com/components/highlightjs.git#~9.0.0
bower checkout
                    highlightjs#9.0.0
bower checkout
                    reveal.js#3.2.0
```



#### **RESULT**



#### Some Hidden files:

- .editorconfig
- .gitignore

#### **GRUNTFILE.COFFEE**

```
module.exports = (grunt) ->
    grunt.initConfig
        pkg: grunt.file.readJSON 'package.json'
        watch:
            livereload:
                options:
                    livereload: true
                files: [
                     'index.html'
                     'resources/**'
```

## SLIDES/LIST.JSON

```
"index.html",
    "result.md",
        "filename": "result/result-vertical-gruntfile.md",
        "attr": {
            "data-transition": "none"
    },
        "filename": "result/result-vertical-list.md",
        "attr": {
            "data-transition": "none"
```

#### SLIDES/RESULT-VERTICAL-SAMPLE-SLIDE.JSON

This is how a slide in Markdown will look like:

```
### slides/result-vertical-sample-slide.json
This is how a slide in Markdown will look like:
    ### slides/result-vertical-sample-slide.json
    This is how a slide in Markdown will look like:
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
    ...
```



## TEMPLATES/\_INDEX.HTML

```
<!doctype html>
<html lang="en">
    <head>
        <meta charset="utf-8">
        <title>Yeoman</title>
        <meta name="apple-mobile-web-app-capable" content="yes" />
        <meta name="apple-mobile-web-app-status-bar-style" content="k</pre>
        <meta name="viewport" content="width=device-width, initial-so</pre>
        <link rel="stylesheet" href="css/style.css" id="theme">
        <link rel="stylesheet" href="bower components/reveal.js/css/;</pre>
        <link rel="stylesheet" href="bower components/reveal.js/css/t</pre>
```

#### **USAGE**

#### To view the Slides:

grunt serve

#### This command will:

- Build the Index file from template
- Connect the presentation with livereload
- Start a Webserver on port 9000
- Open the browser to this server
- Watches for changes in the file system

(See .gruntfile)

#### **SUB-GENERATORS**

Yeoman has Sub-generators to be used with the created scaffolding

To add new Slides:

yo reveal:slide "Slide Title"

With markdown:

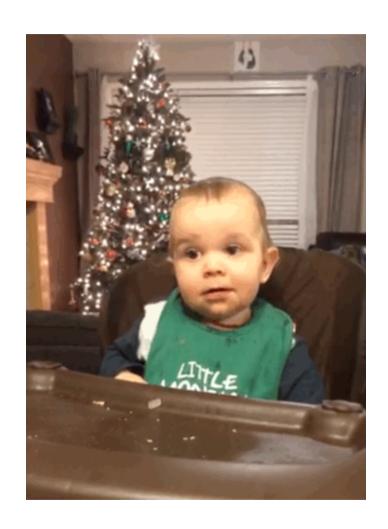
yo reveal:slide "Slide Title" --markdown

### **SLIDE TITLE**

This is a new Markdown slide

## **SUMMARY**

#### THANKS FOR LISTENING.



**ANY QUESTIONS?** 

#### **IMAGES USED**

- yeoman-logo:http://yeoman.io/
- yeoman-real:https://en.wikipedia.org/wiki/Yeoman
- scaffold:https://pixabay.com/de/rohbau-haus-ger%C3%BCst-
- goal0:https://pixabay.com/de/drucker-3d-druck-3d-druck-145
- goal1:https://pixabay.com/de/arbeit-eingabe-computer-notel
- goal2:https://commons.wikimedia.org/wiki/File:BMW\_Leipzig
- goal3:https://pixabay.com/de/computer-computer-code-bilds
- questions:https://giphy.com/gifs/afvbabies-babies-afv-aha-l4