AngularJS made easy with Yeoman
Who am I? And what am I doing?

Andreas Lüdeke
@aluedeke
What I am talking about today

WebDevelopment @ TestObject

AngularJS

Yeoman

Dropbox Demo App
● Where we came from:
  ○ very experienced with JSF and JSP
  ○ very experienced Java Developers
  ○ unexperienced with JavaScript
  ○ unexperienced with Html5

● What we wanted:
  ○ Desktop like UX
  ○ fast development cycle
  ○ automated build and tests
  ○ "guided development"
2. Select items that must **disappear** in this step

3. Set timeout

4. Select items that must **appear** in this step

- Bitte wählen Sie Ihren Kraftstoff
- Aral Super E10
- Aral Super 95
- Aral SuperPlus 98
- Aral Ultimate 102
- Aral Diesel
- Aral Ultimate Diesel
- Aral LKW Diesel
- Erdgas
- Aral Autogas LPG

Click on:
- Aral Super E10
- Aral Super 95
- Aral SuperPlus 98
- Aral Ultimate 102
- Aral Diesel
- Aral Ultimate Diesel
- Aral LKW Diesel
- Erdgas
- Aral Autogas LPG

Disappearing

Appearing
Results @ TestObject
"AngularJS is what HTML would have been, had it been designed for building web-apps."
AngularJS Features

- declarative templates
- data-binding
- MVW, MVVM, MVC
- dependency injection
- great testability story

pure client-side JavaScript!
Yeoman... What?

"Yeoman 1.0 ... is a collection of tools and best practices working in harmony to make developing for the web even better."
Yeoman Toolset

YO

GRUNT

BOWER
Yeoman Toolset

- Scaffolding
- not only for AngularJS
Yeoman Toolset

- Scaffolding
- not only for AngularJS

YO

- JavaScript TaskRunner aka build and preview tool

GRUNT
Yeoman Toolset

- Scaffolding
  - not only for AngularJS
- JavaScript TaskRunner
  - aka build and preview tool
- package manager for HTML, CSS and JavaScript
Let's DEMO
More features? YES!!!

- Testacular aka Karma
- AJAX Support
- active community
- great documentation

best UI Framework we have ever seen
www.angularjs.org
https://plus.google.com/+AngularJS
www.yeoman.io
github.com/aluedeke/bedcon2013-demo
www.ludeke.net