



**AngularJS made easy  
with Yeoman**

# Who am I? And what am I doing?



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**@aluedeke**



# What I am talking about today

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WebDevelopment @ TestObject

AngularJS

Yeoman

Dropbox Demo App



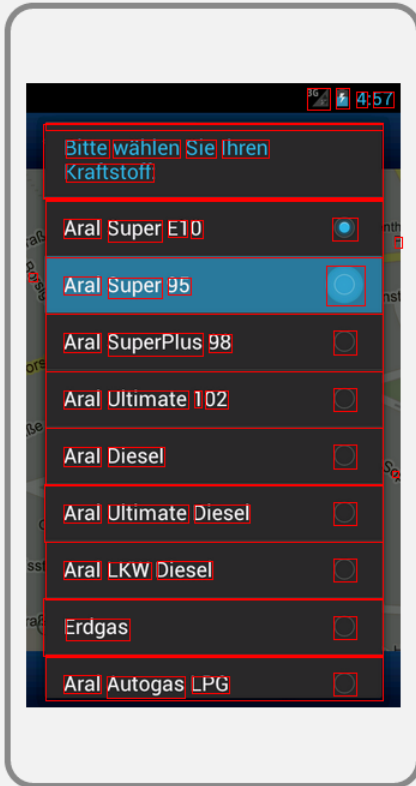
- **Where we came from:**

- 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"

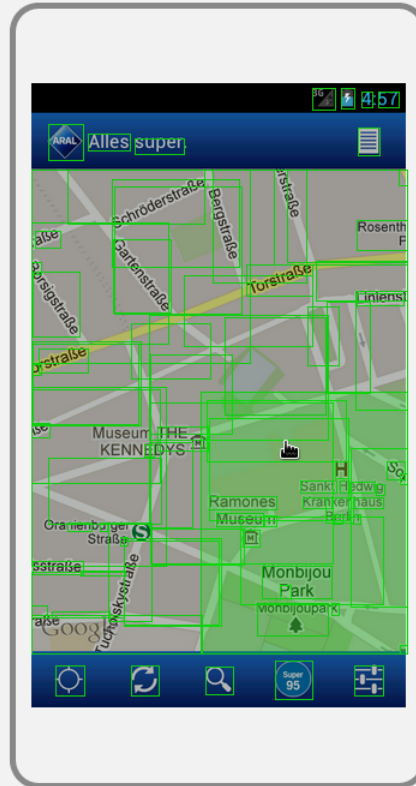
2. Select items that must **disappear** in this step



3. Set timeout

→ max 6 sec →

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



Record ▶ Play

Done

Click on **Aral Super E10**

Disappearing | Appearing

Click on **Bitte wählen Sie Ihren Kraftstoff:**

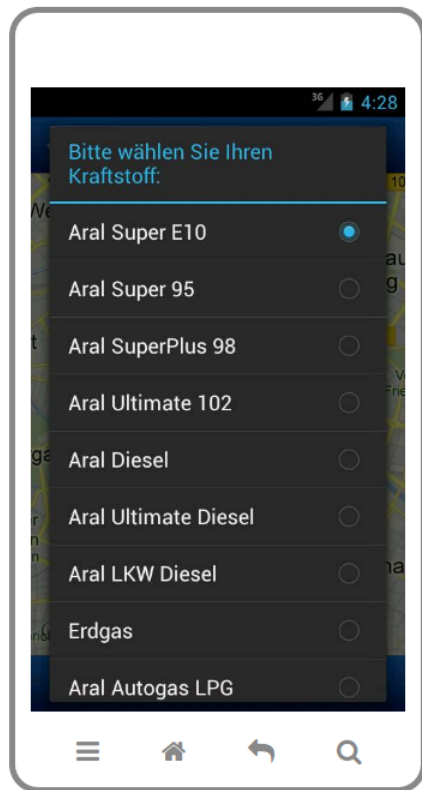
Click on **Aral SuperPlus 98**

Click on **Bitte wählen Sie Ihren Kraftstoff:**

Click on **Aral Super 95**

Click on **Aral Ultimate 102**

Disappearing | Appearing



Rotate Set GPS

Record Play

Done

Click on	Aral Super E10	⚙️	🗑️
Disappearing		Appearing	
Click on	Bitte wählen Sie Ihren Kraftstoff:	⚙️	🗑️
Click on	Aral SuperPlus 98	⚙️	🗑️
Click on	Bitte wählen Sie Ihren Kraftstoff:	⚙️	🗑️
Click on	Aral Super 95	⚙️	🗑️
Click on	Aral Ultimate 102	⚙️	🗑️
Disappearing		Appearing	

feedback

# Angular... What?

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**"AngularJS is what HTML would have been, had it been designed for building web-apps."**



# AngularJS Features

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

**pure client-side JavaScript!**



# Yeoman... What?

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**"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



YO

- Scaffolding
- not only for AngularJS

# Yeoman Toolset



YO

- Scaffolding
- not only for AngularJS



**GRUNT**

- JavaScript TaskRunner  
aka build and preview tool

# Yeoman Toolset



YO

- Scaffolding
- not only for AngularJS



**GRUNT**

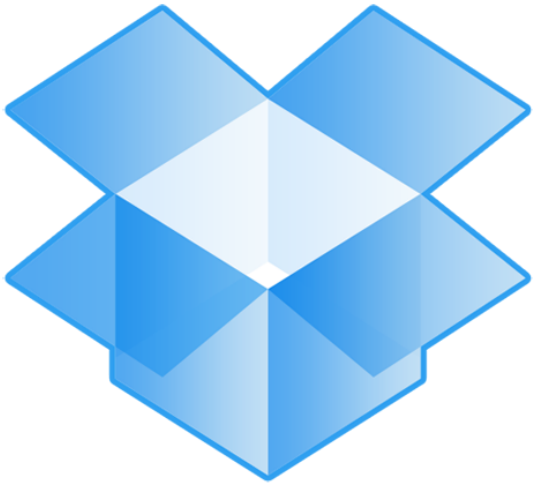
- JavaScript TaskRunner  
aka build and preview tool



BOWER

- package manager for  
HTML, CSS and JavaScript

# Let's DEMO



# More features? YES!!!

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

**best UI Framework we have ever seen**

**END**



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[www.angularjs.org](http://www.angularjs.org)

<https://plus.google.com/+AngularJS>

[www.yeoman.io](http://www.yeoman.io)

[github.com/aluedeke/bedcon2013-demo](https://github.com/aluedeke/bedcon2013-demo)

[www.ludeke.net](http://www.ludeke.net)