

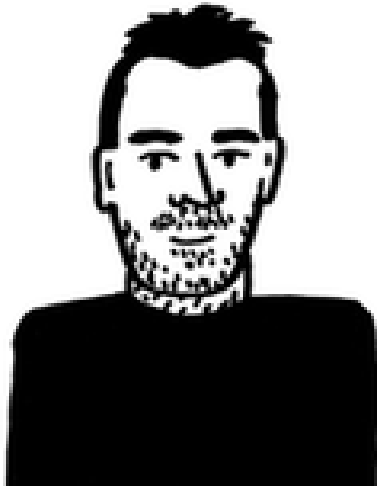


Angular + Elements Training

**Tomasz
Ducin**

Tomasz Ducin
13-15 February 2019
Wrocław

Tomasz Ducin



@tomasz_ducin



ducin



ducin.it



ducin.it/blog

JavaScript & TypeScript

software consultant & architect

trainer, speaker, blogger

Retail Banking

- private customer banking interface
- AngularJS and TypeScript-based
- 1+ year to go on production
- deployed on 120+ Scandinavian banks

Retail Banking

- private customer banking interface
- AngularJS and TypeScript-based
- 1+ year to go on production
- deployed on 120+ Scandinavian banks



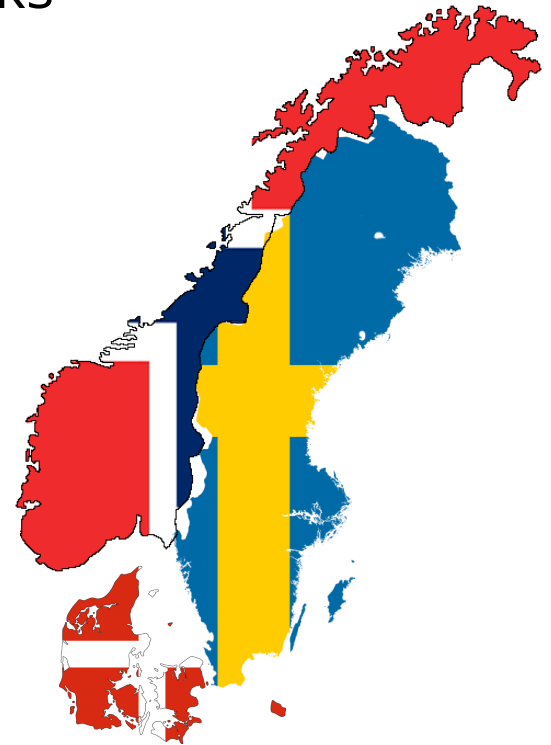
Retail Banking

- private customer banking interface
- AngularJS and TypeScript-based
- 1+ year to go on production
- deployed on 120+ Scandinavian banks



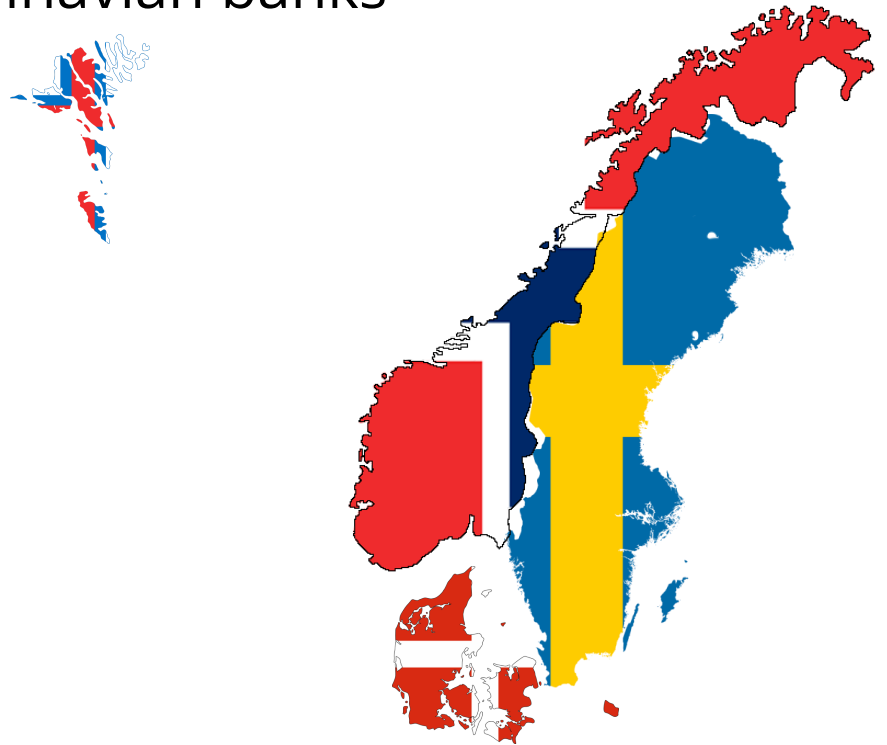
Retail Banking

- private customer banking interface
- AngularJS and TypeScript-based
- 1+ year to go on production
- deployed on 120+ Scandinavian banks



Retail Banking

- private customer banking interface
- AngularJS and TypeScript-based
- 1+ year to go on production
- deployed on 120+ Scandinavian banks



TypeScript

JSON Schema

Faker



TypeScript

JSON Schema Faker



- massive fake data generator
- based on:
 - JSON Schema
 - faker.js, chance.js
- started in 2014
- rewritten to TS in 2016, v0.3

TypeScript

JSON Schema Faker



- massive fake data generator
- based on:
 - JSON Schema
 - faker.js, chance.js
- started in 2014
- rewritten to TS in 2016, v0.3

json-schema-faker.js.org

github.com/json-schema-faker/json-schema-faker

introduce yourself

- your name, what do you do
- what primary technologies do you use?
- what is your javascript experience?
- what are your expectations?
- main question: *what? how? why? for what?*

Contract

1. lunch
2. questions
3. breaks
4. punctuality
5. ..?

agenda

- Web Components
- TypeScript
- RxJS
- Angular
- Angular Elements

File Edit Selection View Go Debug Help



EXPLORER

▲ OPEN EDITORS

package.json

README.md



▲ ES6-TRAINING

▸ .vscode

▸ data

▸ node_modules

▸ src



.gitignore

.travis.yml

karma.conf.js

LICENSE

package.json



Welcome

Documentation

Release Notes

Keyboard Shortcuts Reference

Introductory Videos

Join us on Twitter

Search Feature Requests

Report Issues

View License

Privacy Statement

Toggle Developer Tools

Check For Updates...

About

JavaScript Fatigue

jade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAZJS

UNDERSCORE.JS

jade
Node Template Engine

EJS

handlebars



X

Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS

iade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS

X



iade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS

CSS



Sass

 **compass**

{less}

stylus

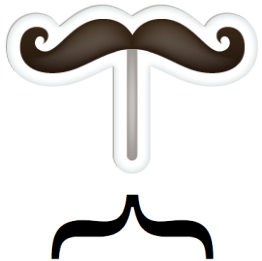
X

X

iade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS



Sass

X

 compass

X

{less}

stylus



QUnit
js unit testing

 Jasmine



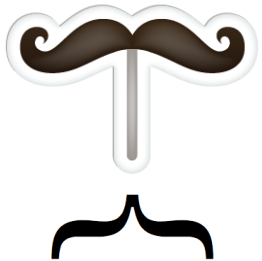
UnitJS}

Sinon.JS

iade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAAZ.JS

UNDERSCORE.JS



Sass

 compass

{less}

stylus



 **QUnit**
js unit testing

 Jasmine



UnitJS}

Sinon.JS

X

X

X

iade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS



Sass

X

 **compass**

{less}

stylus

X



QUnit
js unit testing

 Jasmine



UnitJS

Sinon.JS

X



webpack
MODULE BUNDLER



FUSEBOX
JAVASCRIPT TOOLS

iade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS



Sass

 **compass**

{less}

stylus



QUnit
js unit testing

 Jasmine



UnitJS

Sinon.JS



webpack
MODULE BUNDLER



FUSEBOX
JAVASCRIPT TOOLS

X

X

X

X

iade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS



Sass

 **compass**

{less}

stylus



 **QUnit**
js unit testing

 Jasmine



UnitJS}

Sinon.JS



webpack
MODULE BUNDLER



 **FUSEBOX**
JAVASCRIPT TOOLS

npm



iade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS

Knockout.



Sass

X

 **compass**

{less}

stylus



QUnit
js unit testing



X



X

UnitJS}

Sinon.JS



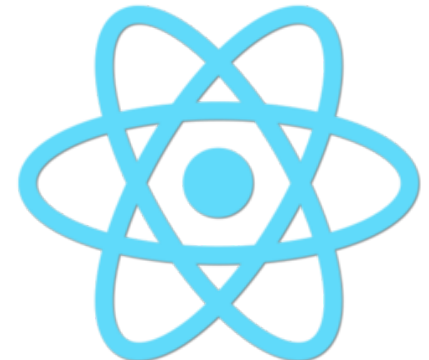
webpack
MODULE BUNDLER

X



FUSEBOX
JAVASCRIPT TOOLS

npm



iade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS

Knockout.



Sass

X

 **compass**

{less}

stylus



QUnit
js unit testing



mocha

UnitJS}

Sinon.JS



webpack
MODULE BUNDLER

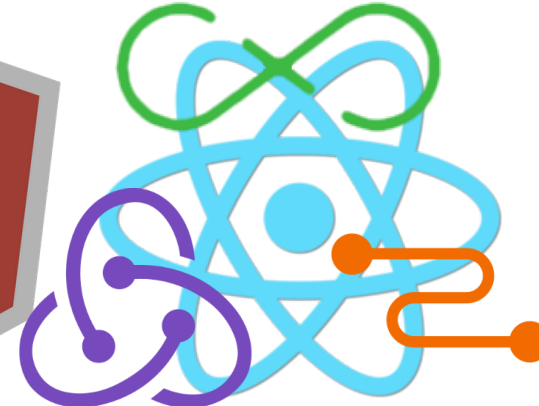


FUSEBOX
JAVASCRIPT TOOLS

npm



X



iade
Node Template Engine

EJS

handlebars

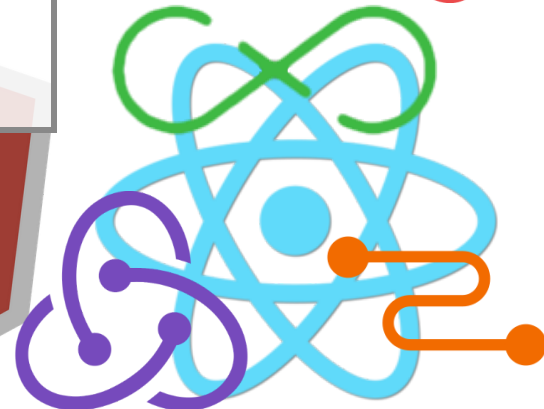


Logic-less templates.

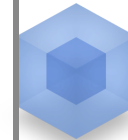
ICANHAZ.JS

UNDERSCORE.JS

Knockout.



Sinon.JS



MODULE BUNDLER



FUSEBOX
JAVASCRIPT TOOLS



X

X

X

X

iade
Node Template Engine

EJS

handlebars

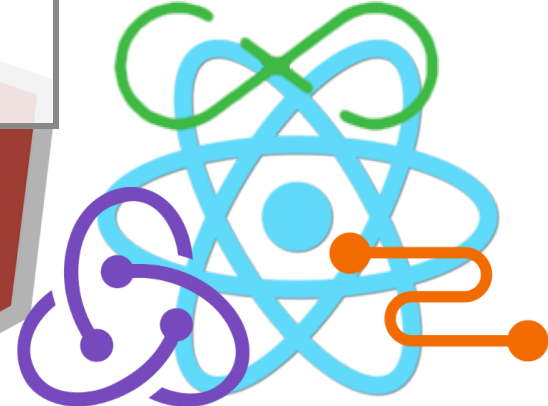


Logic-less templates.

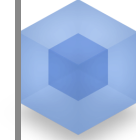
ICANHAZ.JS

UNDERSCORE.JS

Knockout.



Sinon.JS



JAVASCRIPT TOOLS



X



iade
Node Template Engine

EJS

handlebars

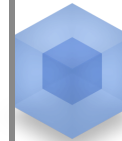


Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS

Knockout.



webpack
MODULE BUNDLER



FUSEBOX
JAVASCRIPT TOOLS

X

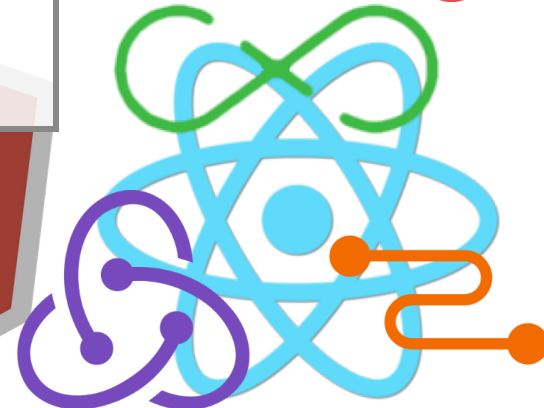


mocha

UnitJS}

Sinon.JS

stylus



iade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS

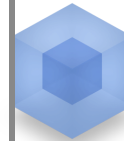
Knockout.js



npm



X



webpack
MODULE BUNDLER

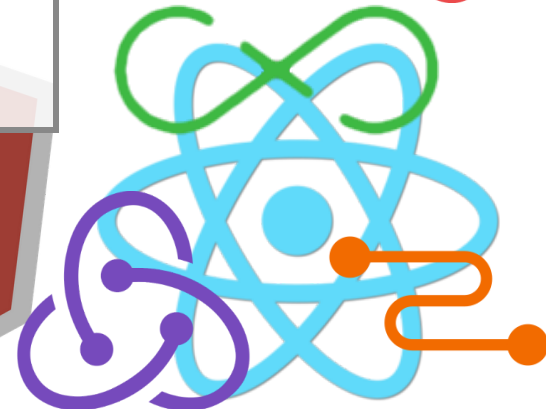


FUSEBOX
JAVASCRIPT TOOLS



mocha
UnitJS
Sinon.JS

CoffeeScript



iade
Node Template Engine

EJS

handlebars



Logic-less templates.

ICANHAZ.JS

UNDERSCORE.JS

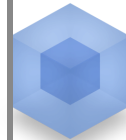
Knockout.js



CSS



npm



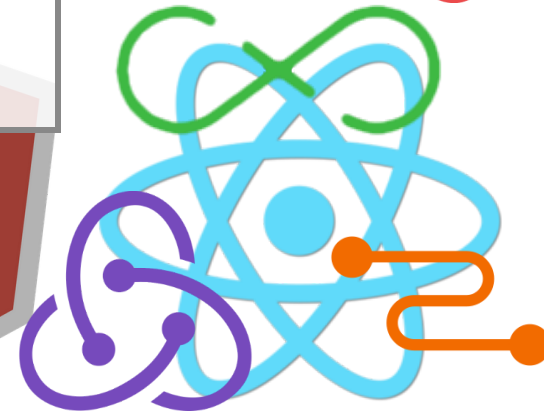
webpack
MODULE BUNDLER



FUSEBOX
JAVASCRIPT TOOLS

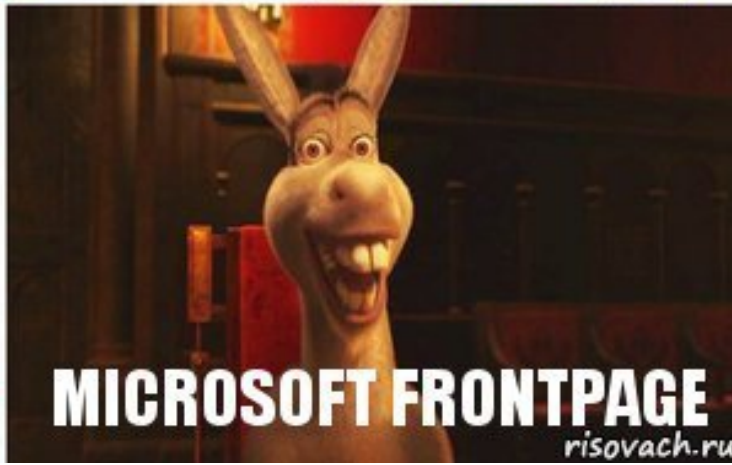
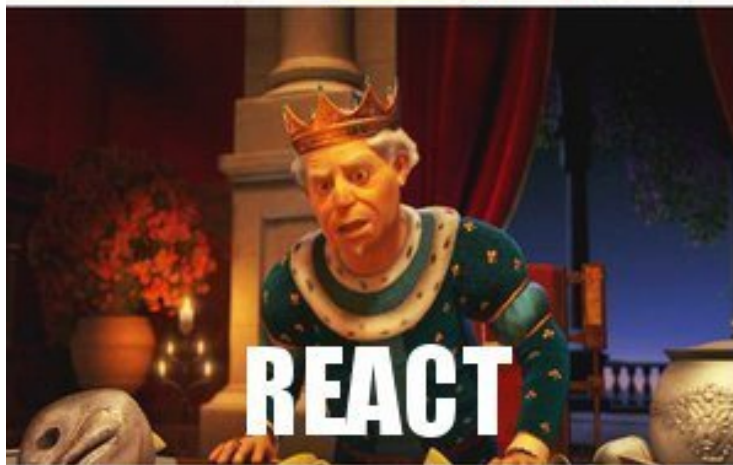


CoffeeScript





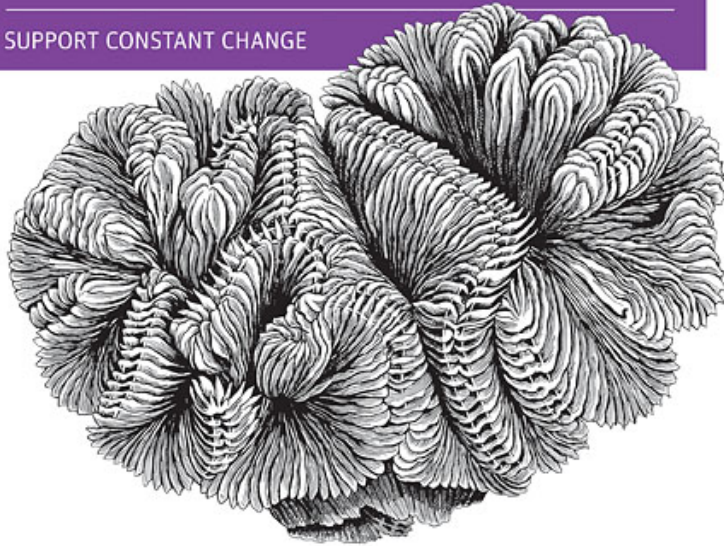
*cool kids fighting
for their frameworks*



O'REILLY®

Building Evolutionary Architectures

SUPPORT CONSTANT CHANGE



Neal Ford, Rebecca Parsons & Patrick Kua

***Resume-Driven
Development***

This time you have definitely chosen the right libraries and build tools



Real World

Rewriting Your Front
End Every Six Weeks

***"everybody is
using it, so why
shouldn't I?"***

O RLY?

@ThePracticalDev

*“think about the
problems you
solve, not the tools*



“It seems that perfection is attained, not when there is nothing more to add, but when there is nothing more to take away.”



Antoine de Saint Exupéry



Adam Michela

@soopa



Obserwuj

Steps in mastery of a programming skill:

- 1 Can I do this?
- 2 Can I do this more easily?
- 3 Can I do this more elegantly?
- 4 Can I not do this?

Zobacz tłumaczenie

PODANYCH DALEJ POLUBIENIA

3 149

2 375



18:12 - 20.11.2013





Kelsey Hightower ✓

@kelseyhightower

You haven't mastered a tool until you understand when it should not be used.