



Teun Hakvoort

Veel demo – weinig slides.

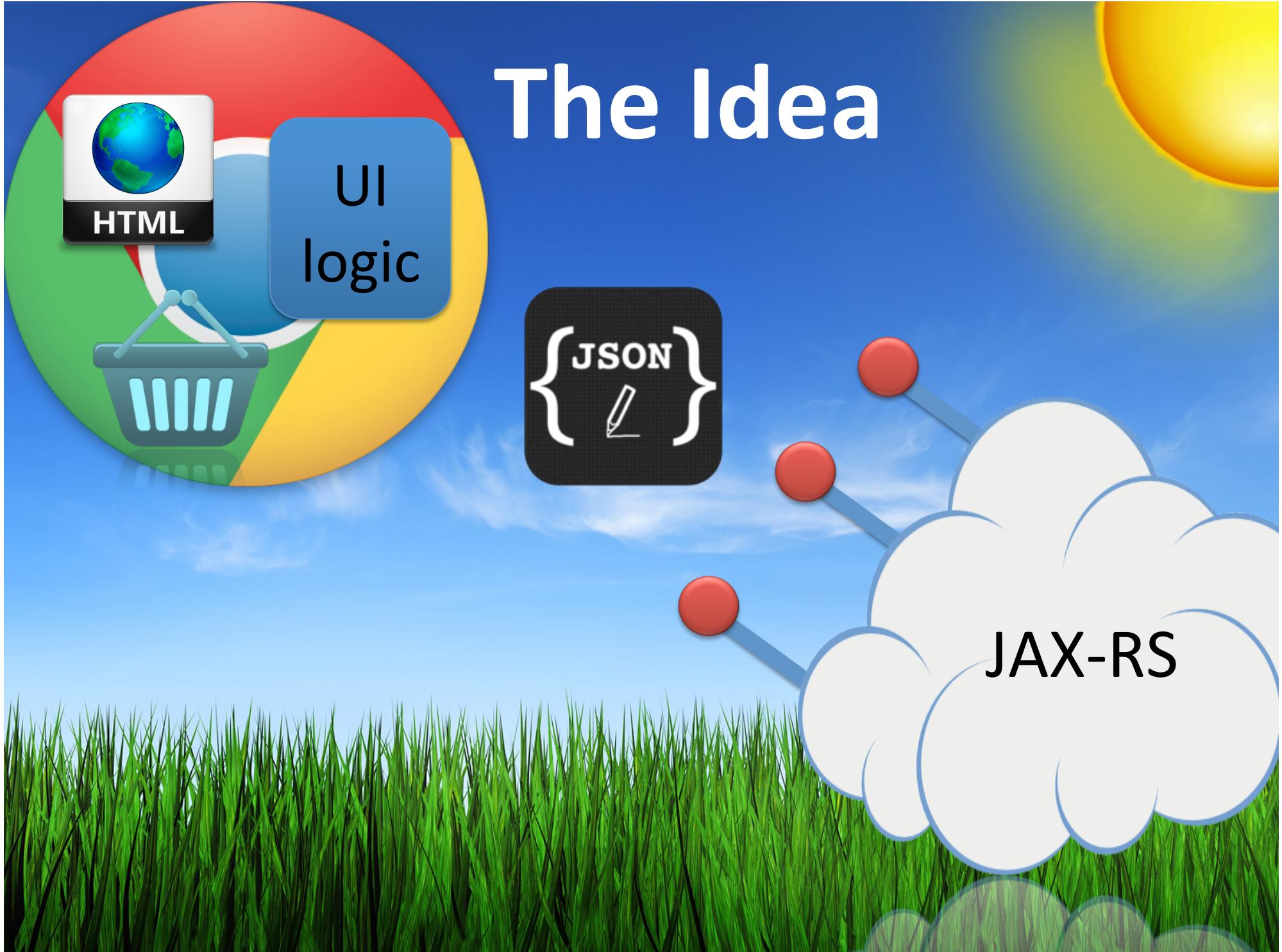


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The Idea



The Right Way in Java?!

<http://www.aadip9.net/freeway.jpg>

DEPLOYMENT

Two projects

Project with static content

- JavaScript
- CSS
- HTML files

Web Application (WAR)

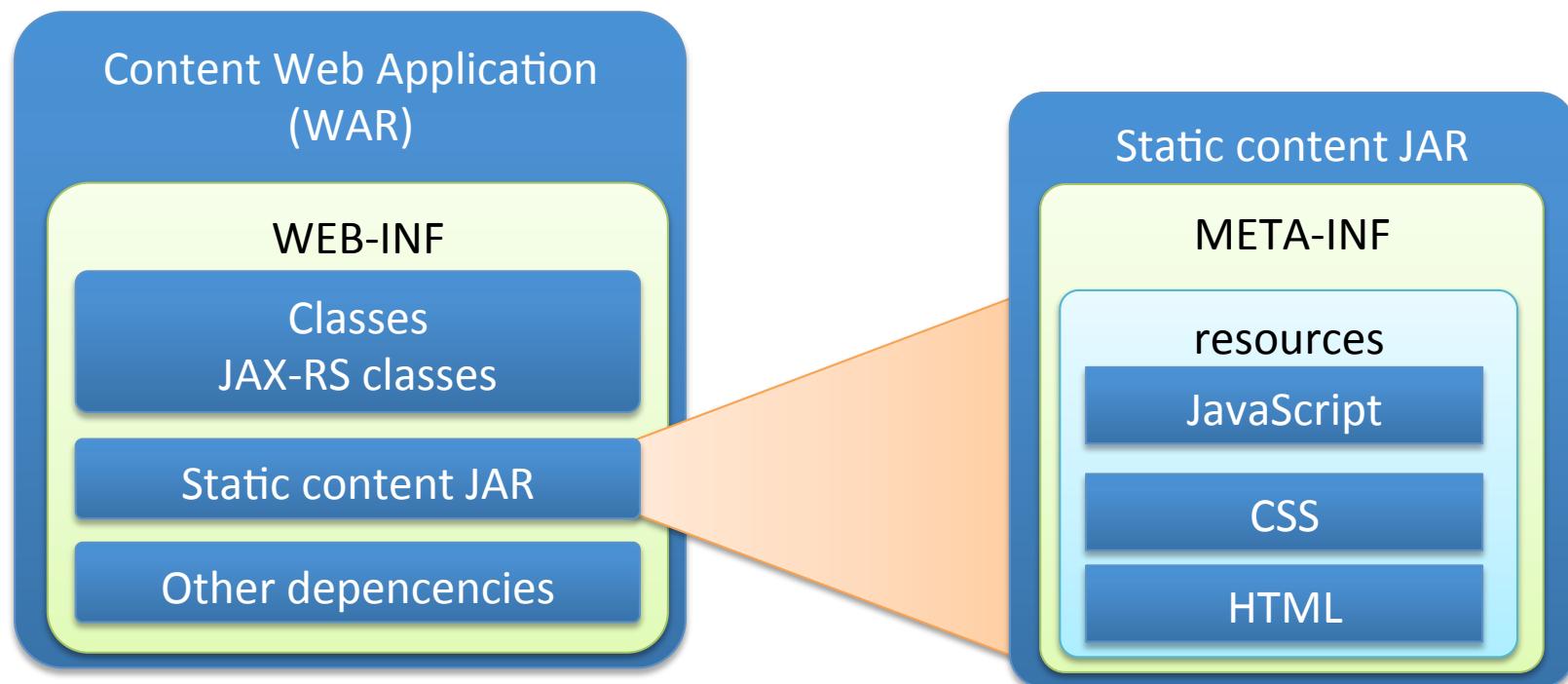
with

JAX-RS services

What type of project is this?

Web Fragments

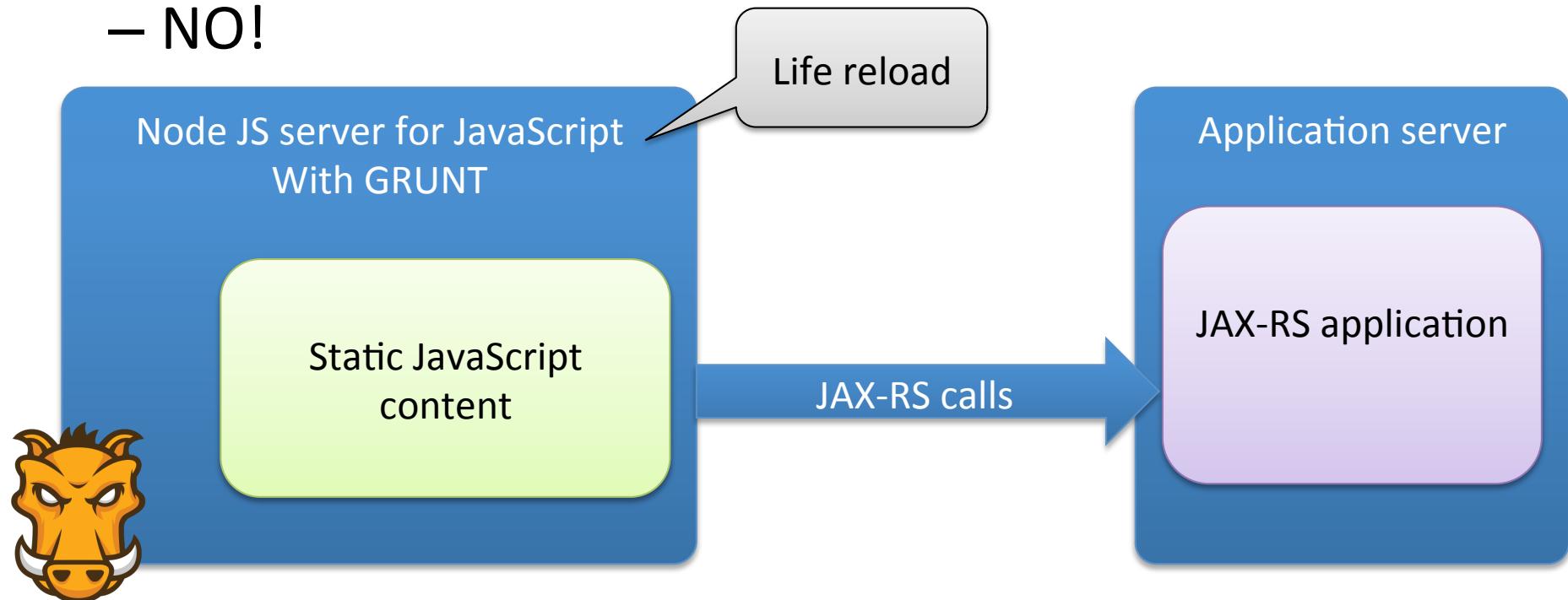
- Since the servlet 3.0 specification
 - Web Resources can exist in external Jar files
- Web archive structure:



BUILD INTEGRATION

How to develop in application server?

- Every JavaScript change a redeploy?
 - NO!



Build integration

- Running by Maven
- In the Maven bootstraps the Grunt build
 - Minimizing JavaScript files
 - Bundling JavaScript
 - Optimizing images

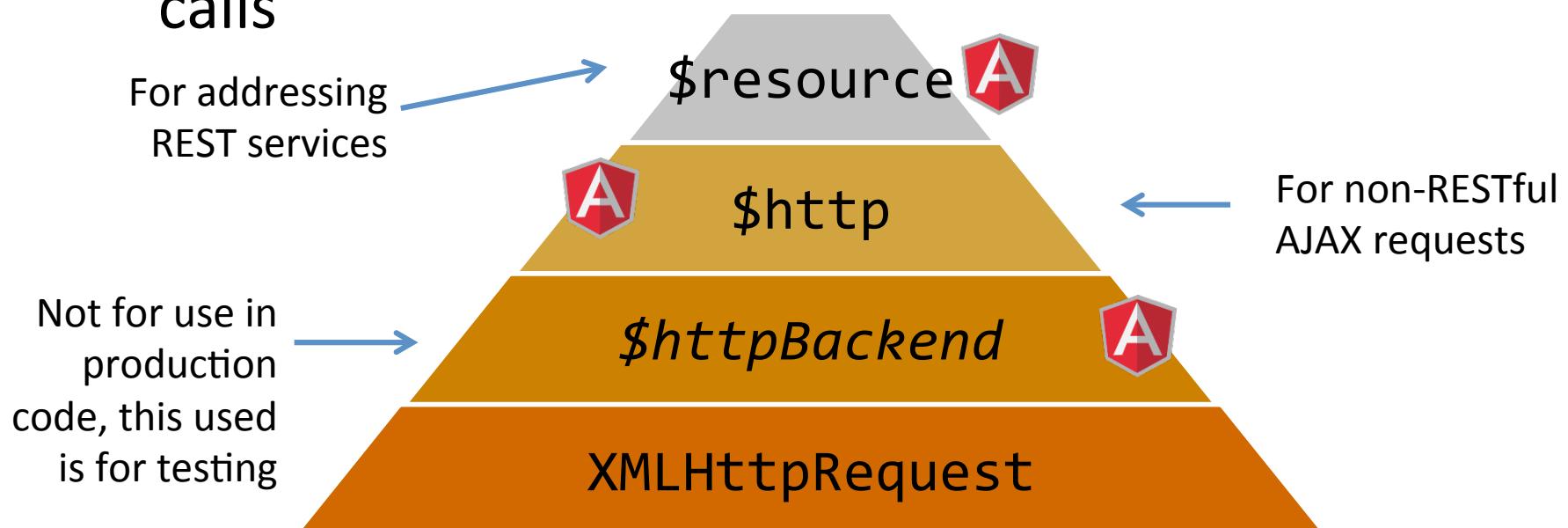
SECURITY

Configuring services

```
var demoModule = angular.module('demoApp', []);
demoModule.config(function ($routeProvider) {
  $routeProvider
    .when('/start', {
      templateUrl: 'partials/start/start.html',
      controller: 'StartController'
    })
    ...
    .otherwise({ redirectTo: '/start' });
});
```

AngularJS AJAX: Abstraction levels

- AngularJS has extensive support for AJAX
 - With the `$http` service, you can make AJAX calls
 - The `$resource` service is for making RESTful AJAX calls



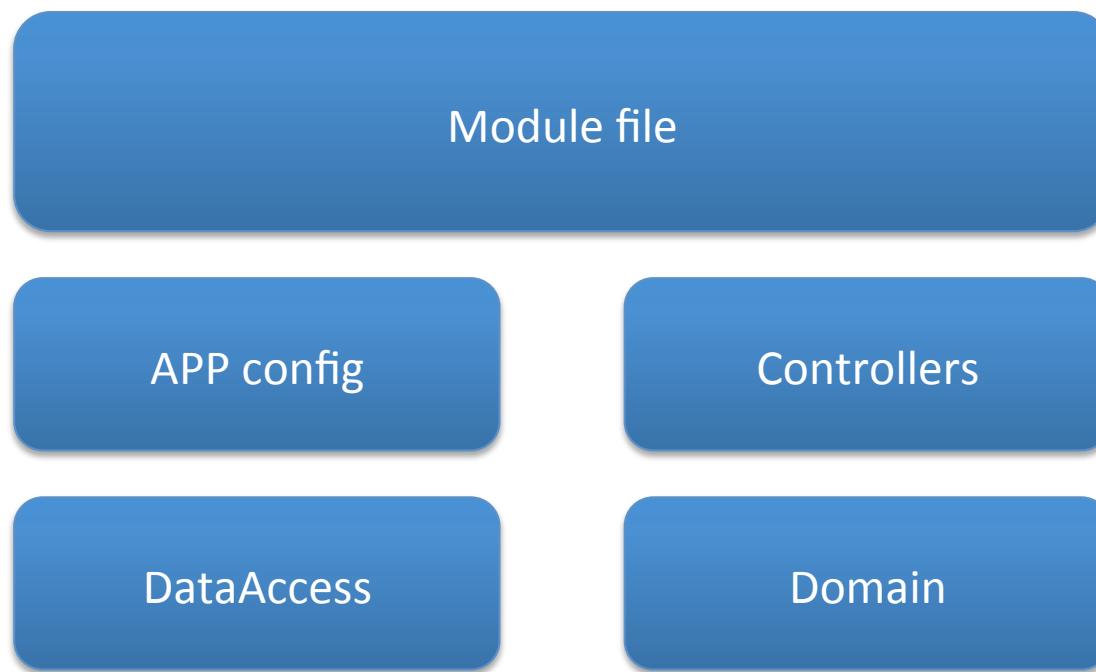
Security mechanism

- Intercept every request
- Check http status code
- if Forbidden, redirect to login page

Demo Security

MODULARITY

Modularity



Modularity Demo

INTERNATIONALIZATION

i18n

- Not default available in AngularJS
- Then use another framework
 - i18next
- Are there AngularJS directives?

i18n

- Not default available in AngularJS
- Then use another framework
 - i18next
- Are there AngularJS directives?
 - ng-i18next

i18n

- Configure languages
- JSON files for messages
- `ng-i18next="teksten.taak"`

LOGGING AND EXCEPTION HANDLING

Setup

- Configure AngularJS exception handler
- Create log service



Thanks!



github.com/teunh/jfall2013