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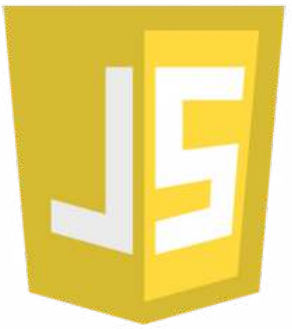
O que é AngularJS?

AngularJS é um framework de desenvolvimento Web que utiliza a linguagem JavaScript

- Misko Hevery e Adams Abrons em 2009.
- Two-way data-binding
- Abstrai a manipulação do DOM



Estende tags HTML por meio de diretivas

Comunidade forte

*ngApp

```
<html ng-app="gdg">
```

```
angular.module("gdg", []);
```

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*ngController

```
<body ng-controller="gdgController">
```

```
angular.module("gdg").controller("gdgController",
    function() {
        ...
```

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*ngModel

```
<input ng-model="gdg">
```

```
$scope.gdg = "Passo Fundo";
```

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*ngClick

```
<button ng-click="startGDG()"></button>
```

```
$scope.startGDG = function() {
    ...
}
```

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*ngRepeat

```
<tr ng-repeat="gdg in gdgs">
```

```
$scope.gdgs = [
    {'city':'Passo Fundo'},
    ...
]
```

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Controllers

Regras de negócio da aplicação e gerencia a interação entre view e o model

- Especificidade – sem generalização

- Controller ↔ View / View ↔ Controller
  - $scope

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Serviços

São singletons (Instanciados apenas 1 vez no app)

- Compartilhar estado entre controllers

Coloque aqui o seu $http....

não no controller

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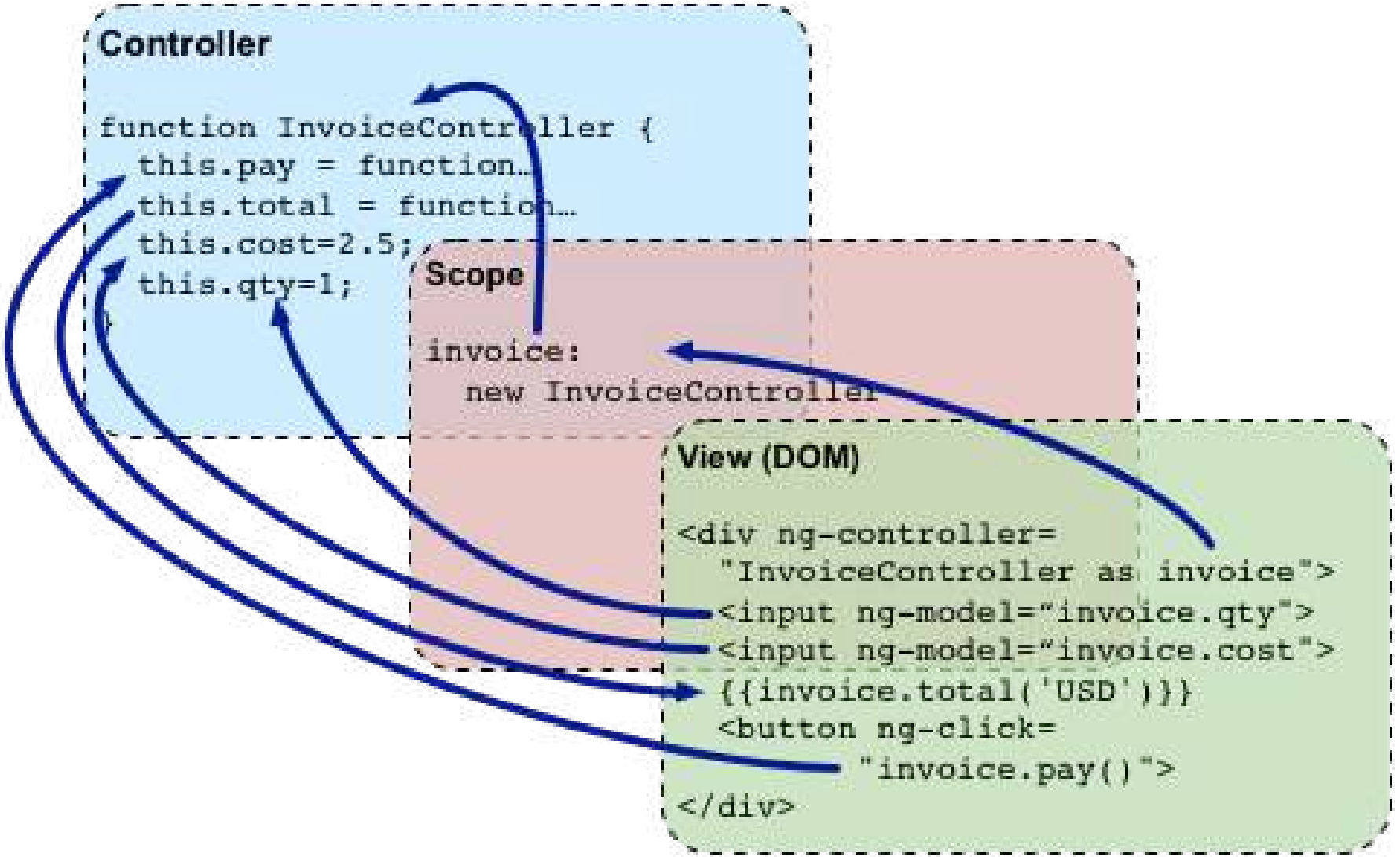

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View ↔ Controller

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View ↔ Controller

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$scope

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```
<!DOCTYPE html>
<html>
  <body>
    <h1>Hello World with jQuery</h1>
    Write some text in textbox:
    <input id="hello-input" type="text" />
    <h2 id="hello-output">Hello </h2>

    <script src="//ajax.googleapis.com/ajax/libs/jquery/2.0.3/jquery.min.js"></script>
    <script>
      var inputField = $('#hello-input');
      var label = $('#hello-output');

      inputField.on('keyup', function() {
        var value = inputField.val();
        label.html('Hello ' + value);
      });
    </script>
  </body>
</html>
```

Hello World with AngularJS

Write some text in textbox:

Hello

```
<!DOCTYPE html>
<html ng-app>
  <body>
    <h1>Hello World with AngularJS</h1>
    Write some text in textbox:
    <input type="text" ng-model="sometext" />
    <h2>Hello {{sometext}}</h2>

    <script type="text/javascript" src="//ajax.googleapis.com/ajax/libs/angularjs/1.0.7/angular.min.js"></scr
  </body>
</html>
```

android

iOS

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Angular ~~JS~~ 2.0 ??

Two-way data-binding

DART

TypeScript

```
<input [(ng-model)]="name">
```

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ionic

ionic

http://ionicframework.com/

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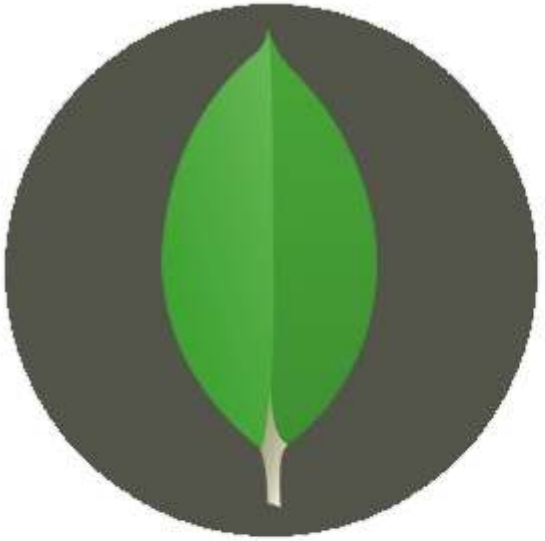
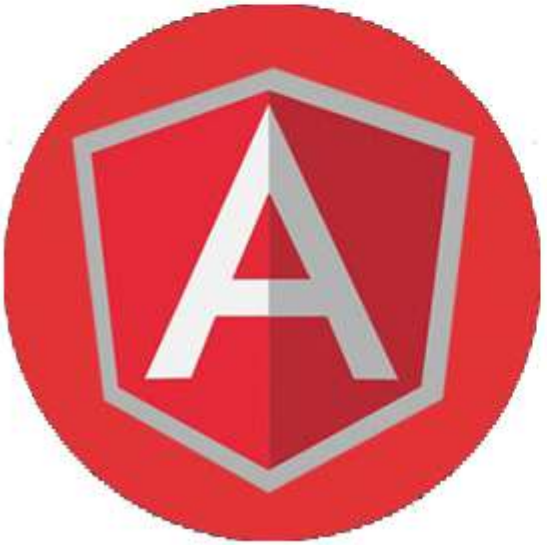


YEOMAN



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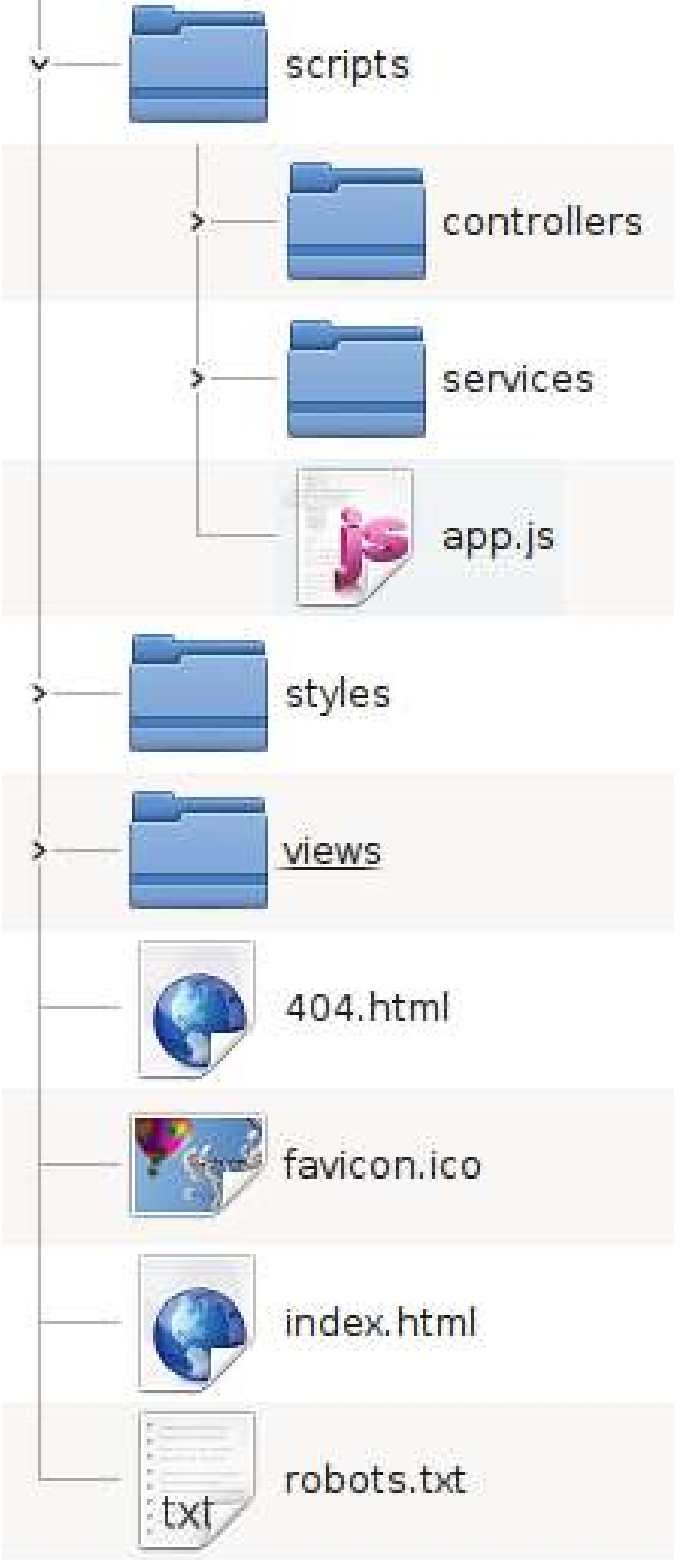

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https://www.madewithangular.com/#/https://angularjs.org/

https://material.angularjs.org/latest/

http://ionicframework.com/

http://showcase.ionicframework.com/

http://mean.io/

http://yeoman.io/

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