



```
.controller($scope)      .directive  
['ngRoute','ngResource'])  var n  
  
dependency injection    ['$scope',  
  
.service('getData',function() {  
  
.link: function(scope, elems, attrs) {  
  
single page application <div ng-view></div>
```

```
function($log) { // modules  
  
.when('/') {   function(scope, el  
resource',function('$scope', service  
transclusion  .compile:function(  
scope:{ name:@",address:&" }  
  
<div ng-if="show" ng-class="{}>
```



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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



JavaScript

**Estende tags HTML  
por meio de diretivas**



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Comunidade forte

# \*ngApp

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

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

# \*ngController

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

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

# \*ngModel

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

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

# \*ngClick

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

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

# \*ngRepeat

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

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

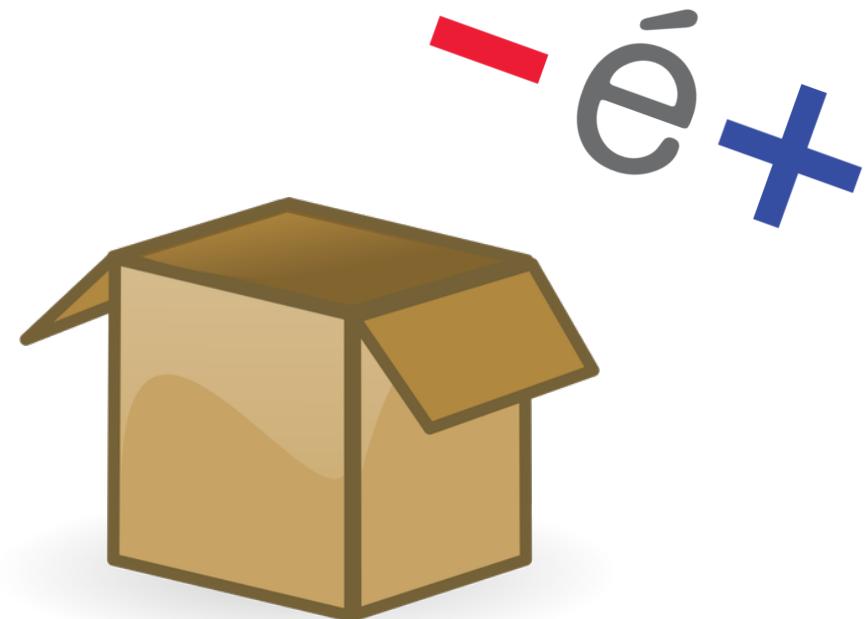


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# Controllers

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 (Instaciados apenas 1 vez no app )**

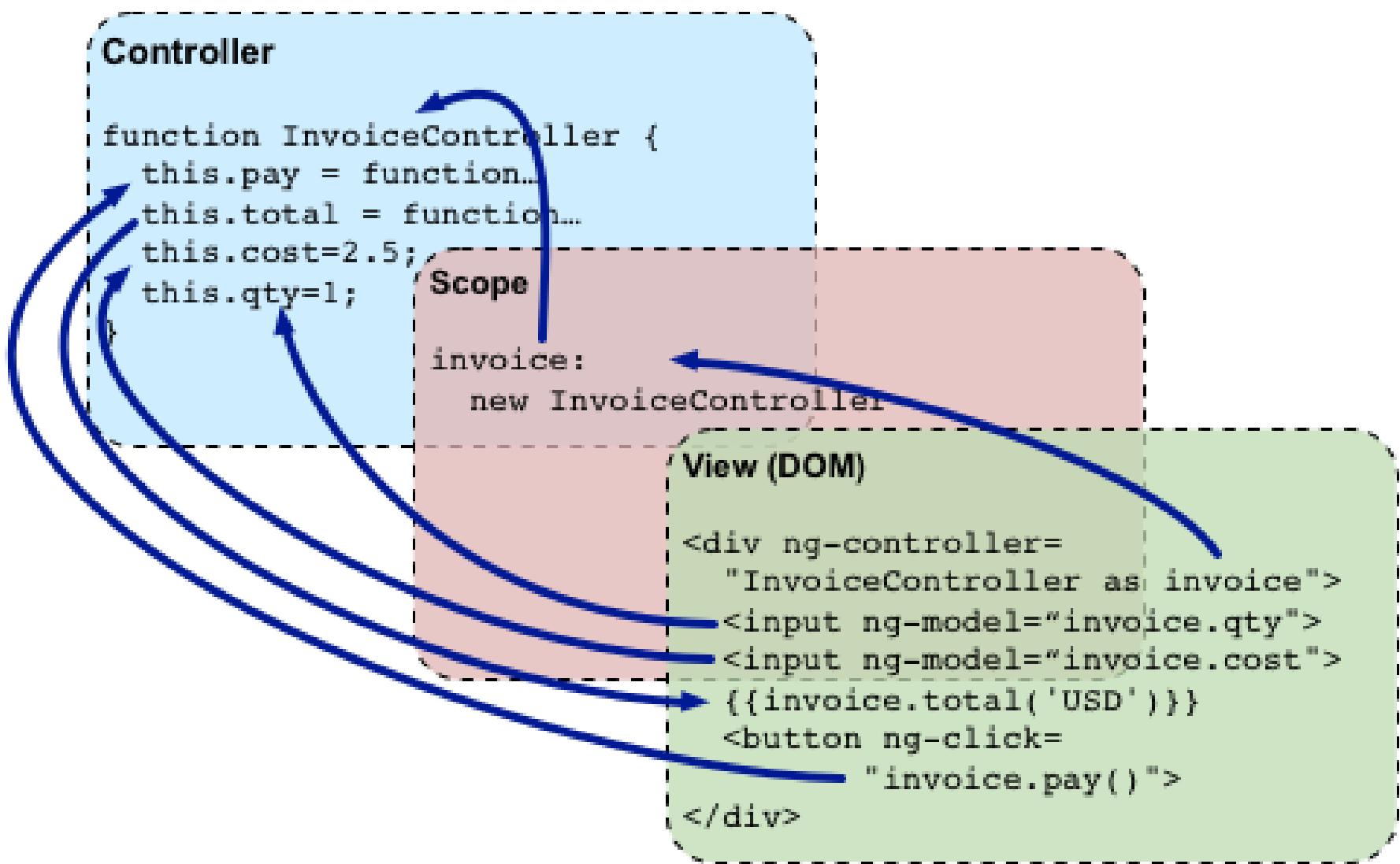
- Compartilhar estado entre controllers



**Coloque aqui o seu \$http....  
não no controller**



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**ANGULARJS**  
by Google



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View ↔ Controller



View ↔ Controller



\$scope

```
<!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:

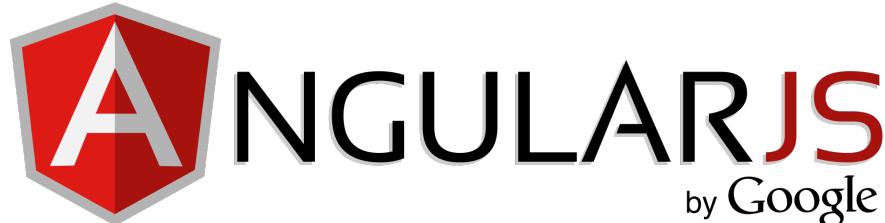
Hello

```
<!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>
```



iOS

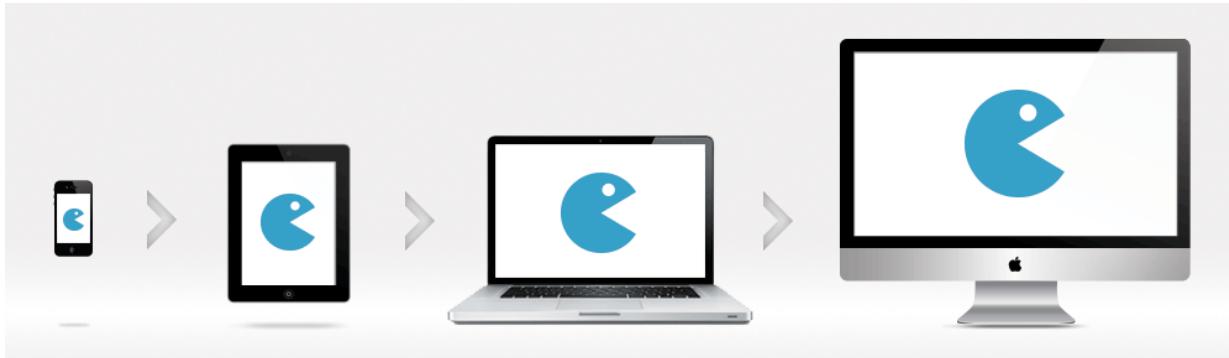


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# Angular ~~JS~~ 2.0 ??

Two-way data-binding

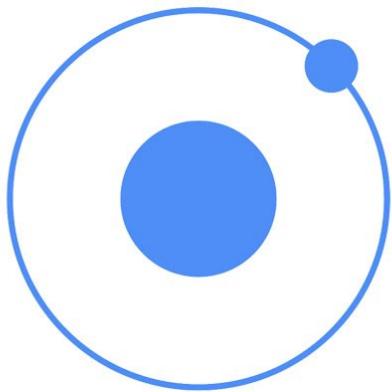


```
<input [(ng-model)]="name">
```

June 21st 2016



# ionic

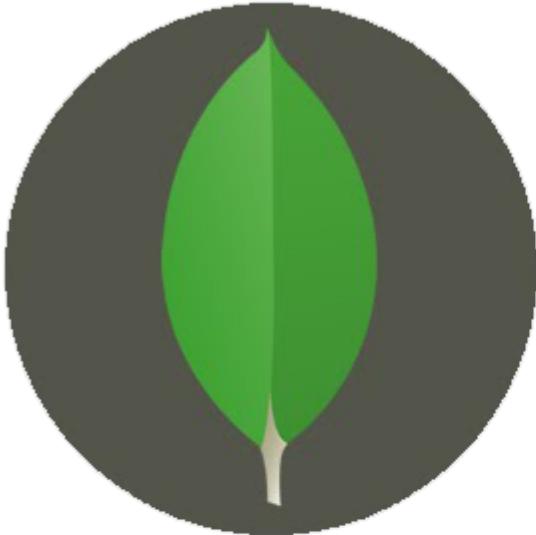


# ionic

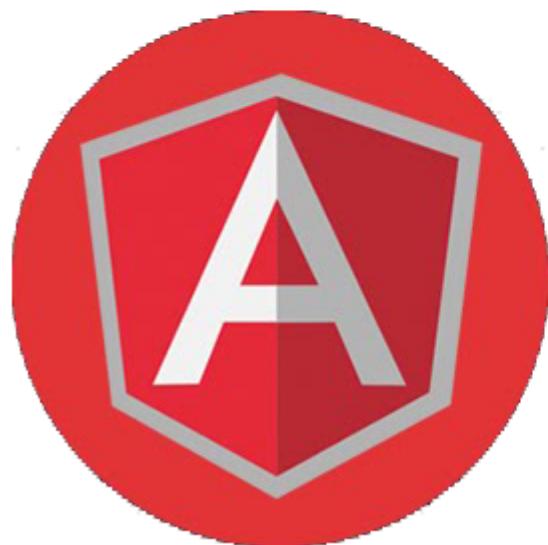
<http://ionicframework.com/>



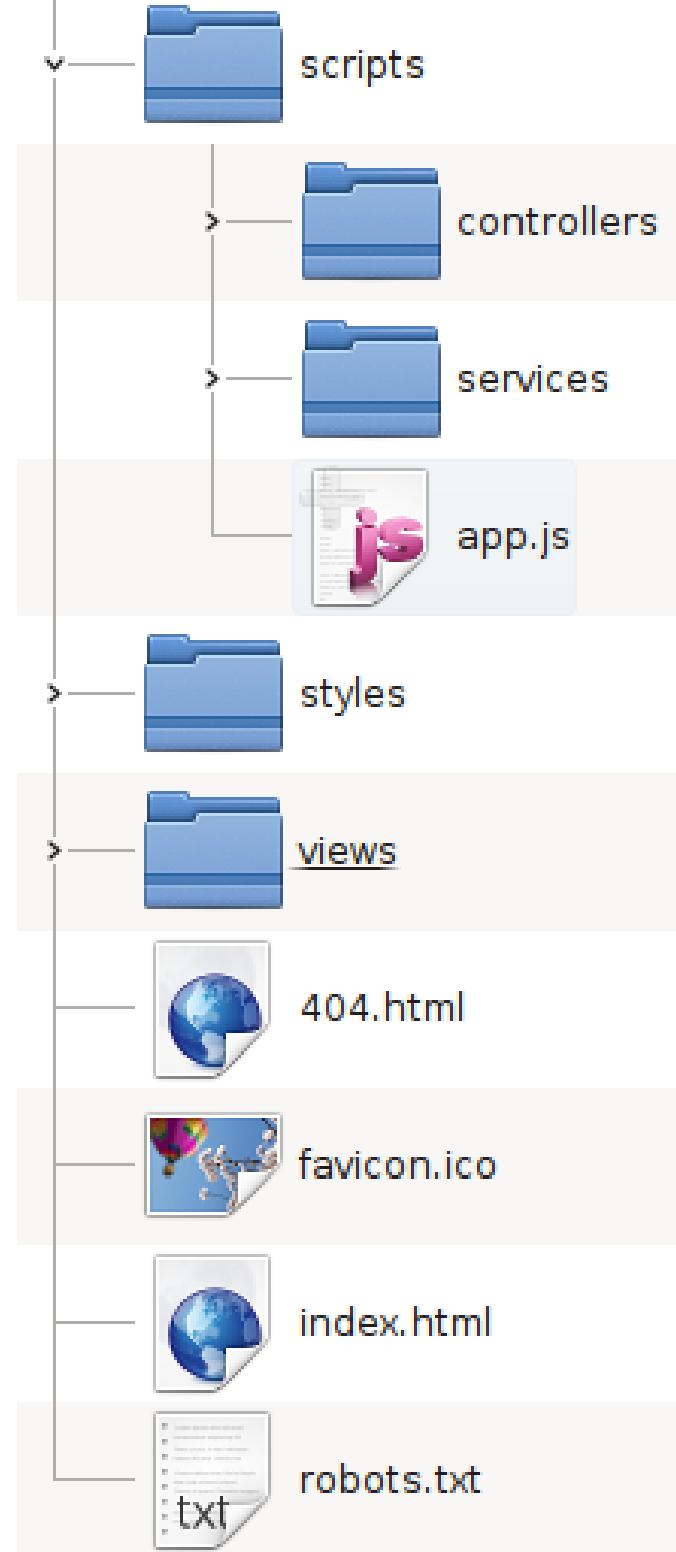
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<https://www.madewithangular.com/#/https://angularjs.org/>

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

<http://ionicframework.com/>

<http://showcase.ionicframework.com/>

<http://mean.io/>

<http://yeoman.io/>