



AngularJS

A ponte entre a web de hoje
e a web de **amanhã**

Aula 5

A dark, atmospheric photograph of the Golden Gate Bridge in San Francisco at dusk or dawn. The bridge's iconic orange-red towers and suspension cables are silhouetted against a deep blue sky. The bridge spans across the water, with the city skyline visible in the distance. The overall mood is serene and majestic.

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1.4 released

<http://angularjs.blogspot.com.br/2015/05/angular-140-jaracimrman-existence.html>

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Angular New Router

<https://github.com/angular/router>

<https://angular.github.io/router/configuration>



Angular Resource

[https://docs.angularjs.org/api/ngResource/service/\\$resource](https://docs.angularjs.org/api/ngResource/service/$resource)

Angular \$resource

```
<script src="https://code.angularjs.org/1.3.15/angular.min.js"></script>
```

```
<script src="https://code.angularjs.org/1.3.15/angular-resource.min.js"></script>
```

```
<script>
```

```
var app = angular.module('app', ['ngResource']);
```

```
</script>
```

Angular \$resource

```
.factory('User', function($resource) {  
    return $resource('https://api.github.com/users/:username');  
})
```



```
.controller('UserCtrl', function($scope, User) {  
    User.get({username: 'torvalds'}, function(data) {  
        console.log(data);  
    });  
})
```

Angular \$resource

```
User.get({username: 'torvalds'}).$promise.then(function(data) {  
    console.log(data);  
});
```


User.query() // method: GET, isArray: true

User.get() // method: GET

User.save() // method: POST

User.remove() // method: DELETE

User.delete() // method: DELETE

Angular \$resource

```
app.factory('Task', function($resource) {  
    return $resource('...',  
        {  
            parametroPadrao: 1  
        },  
        {  
            create: {isArray: false, headers: {}, url: {}, method: {}, params: {}},  
            update: {isArray: false, headers: {}, url: {}, method: {}, params: {}}  
        })  
});
```


isArray: true

```
[  
  - {  
    title: "Todo-app - Exercício 1",  
    description: "Lorem ipsum dolor sit amet, consectetur adipisicing elit",  
    deadline: "13/05/2015",  
    finalized: true,  
    created_at: 1430952300000  
  },  
  + {...},  
  + {...},  
  + {...},  
  + {...},  
  + {...}  
]
```

```
lar  
llJobApp', ['ui.router', 'ngResource', 'ui.utils', 'angularFileUpload', 'doowb.angular-pusher', 'ui.select', 'ngSan  
KillJobConfig', config);
```

```
($rootScope, $notification, contentFactory, $authorized, ReloadService, LogoChangedService, OfflineService)
```

```
$on('$stateChangeStart', function(e, page, current) {
```

```
ge.subContent) {
```

```
contentFactory.show();
```

```
{
```

```
contentFactory.hide();
```

bit.ly/AngularResource

```
$on('content.emitClose', function(e, params) {
```

```
Factory.hide();
```

```
scope.$emit('content.close', params);
```

```
se usuário esta logado
```

```
.init();
```




EXERCÍCIO COM ANGULAR \$RESOURCE

No exercício anterior, vamos fazer com que a busca pelos usuários na API seja feita utilizando o Angular Resource.

<http://bit.ly/AngularResource>

<http://bit.ly/Aula4E2>

A dark, atmospheric photograph of the Golden Gate Bridge in San Francisco, with the bridge's iconic orange-red towers and suspension cables visible against a twilight sky. The bridge spans a body of water, and the city skyline is faintly visible in the distance.

\$cacheFactory

[https://docs.angularjs.org/api/ng/service/\\$cacheFactory](https://docs.angularjs.org/api/ng/service/$cacheFactory)

\$cacheFactory

```
app.controller('MainCtrl', function($scope, $cacheFactory) {  
    var cache = $cacheFactory('id'); // qualquer identificador  
  
    cache.get('key'); // undefined  
    cache.put('key', 'value');  
    cache.get('key'); // value  
});
```

\$cacheFactory

```
app.service('Cache', function($cacheFactory) {  
    return $cacheFactory('id');  
});
```



```
app.directive('clientList', function(Cache) {  
  return {  
    link: function(scope, element, attrs) {  
      scope.clients = Cache.get('clients.all');  
  
      if (scope.clients === undefined) {  
        // busca os clientes  
        Cache.put('clients.all', clients);  
      }  
    }  
  }  
});
```

Importante:

Atualizar a página
invalida o cache

The background of the slide is a dark, low-key photograph of the Golden Gate Bridge in San Francisco. The bridge's iconic orange-red towers and suspension cables are visible against a dark sky and water. The overall tone is moody and professional.

Promises + Resource + Cache

<http://bit.ly/PromiseResourceCache>

HTML

ngStorage

<https://github.com/gsklee/ngStorage>

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**[http://caniuse.com/
#search=localstorage](http://caniuse.com/#search=localstorage)**

```
var app = angular.module('app', ['ngStorage']);

app.controller('UserCtrl', function($scope, $localStorage) {
    console.log($localStorage.key); // undefined
    $localStorage.key = 'value';
    console.log($localStorage.key); // value
});
```


IMPORTANTE

ngStorage não é um módulo nativo do Angular
É módulo de terceiros

A background image featuring several Minions from the 'Despicable Me' franchise. They are yellow, pill-shaped creatures with large, round eyes and blue overalls. One Minion in the foreground is holding a large, multi-colored striped object. The entire image is overlaid with a semi-transparent dark red filter.

ngAnimate

<https://docs.angularjs.org/guide/animations>

<http://www.nganimate.org/>

<http://bit.ly/ngAnimate2>

Angular Animate

```
<script src="code.angularjs.org/1.3.15/angular.min.js"></script>  
<script src="code.angularjs.org/1.3.15/angular-animate.min.js"></script>  
<script>  
var app = angular.module('app', ['ngAnimate']);  
</script>
```

ng-repeat
ng-view
ng-include
ng-switch
ng-if
ng-class
ng-show
ng-hide

**Disponível apenas em
algumas diretivas**

<http://www.nganimate.org/>

A dark, atmospheric photograph of the Golden Gate Bridge in San Francisco at dusk or dawn. The bridge's iconic orange-red towers and suspension cables are silhouetted against a dark, overcast sky. The bridge spans across the water, with the city skyline visible in the distance. The overall mood is serene and majestic.

CSS


```
<ul class="list-group">
```

```
  <li class="list-group-item" ng-repeat="item in items">
```

```
    ...
```

```
  </li>
```

```
</ul>
```

```
.list-group-item.ng-enter {}  
.list-group-item.ng-enter-active {}  
.list-group-item.ng-move {}  
.list-group-item.ng-move-active {}  
.list-group-item.ng-leave {}  
.list-group-item.ng-move-active {}
```

```
lar
KillJobApp', ['ui.router', 'ngResource', 'ui.utils', 'angularFileUpload', 'doowb.angular-pusher', 'ui.select', 'ngSan
KillJobConfig', config);

($rootScope, $notification, contentFactory, $authorized, ReloadService, LogoChangedService, OfflineService)

$on('$stateChangeStart', function(e, page, current) {
    page.subContent) {
        contentFactory.show();
    }
    contentFactory.hide();

$on('content.emitClose', function(e, params) {
    contentFactory.hide();

scope.$emit('content.close', params);

se usuário esta logado

l.init();
```

<http://bit.ly/>
AngularAnimate

PROFESSIONAL ANIMATIONS IN ANGULARJS 1.3

<https://www.youtube.com/watch?v=A17NMUUDDog>

ngTouch <https://docs.angularjs.org/api/ngTouch>

ngCookies <https://docs.angularjs.org/api/ngCookies>

ngAria <https://docs.angularjs.org/api/ngAria>

ngMessage <https://docs.angularjs.org/api/ngMessage>

ngSanitize <https://docs.angularjs.org/api/ngSanitize>

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angular.module

```
// main.js
```

```
angular.module('app', []);
```

```
// MainCtrl.js
```

```
angular.module('app')
```

```
    .controller('MainCtrl', ...)
```


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Declarando dependências (uma outra forma)

```
.controller('MainCtrl',  
  ['$scope', 'GithubService', function($scope, GithubService) {  
  
  }]  
);
```

```
.controller('MainCtrl',  
  ['$scope', 'GithubService', function(scope, github) {  
    github.getUser().then(function(data) {  
      });  
  }]  
);
```

A dark, atmospheric photograph of the Golden Gate Bridge in San Francisco at dusk or dawn. The bridge's iconic orange-red towers and suspension cables are silhouetted against a dark sky. The water of the bay is visible in the foreground, and distant hills can be seen in the background.

i18n

<https://docs.angularjs.org/guide/i18n>

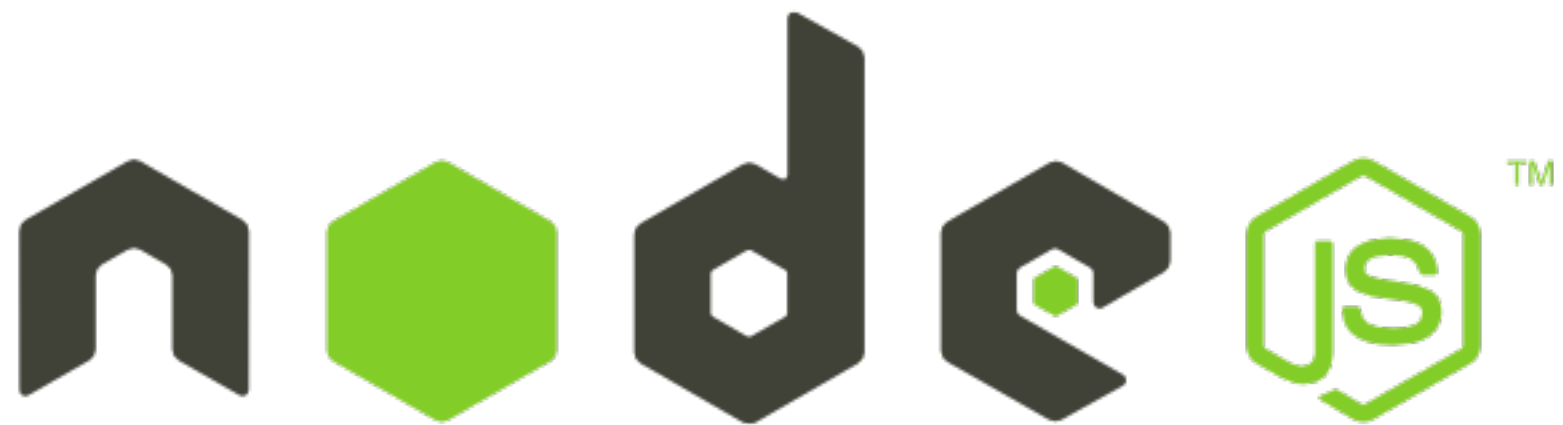


DICAS E FERRAMENTAS



**KEEP
CALM
AND
LEARN
ENGLISH**





<https://nodejs.org>

→ ~ node app.js



<https://www.npmjs.com/>

→ ~ npm install -g gulp

```
{  
  "devDependencies": {  
    "grunt": "^0.4.5",  
    "grunt-contrib-compass": "*",  
    "grunt-contrib-concat": "*",  
    "grunt-contrib-cssmin": "*",  
    "grunt-contrib-jshint": "*",  
    "grunt-contrib-uglify": "*",  
    "grunt-contrib-watch": "*",  
    "grunt-shell": "*"   
  }  
}
```




<http://bower.io/>

→ ~ bower install angular

Aprendam Task Runners



<http://gulpjs.com/>



<http://gruntjs.com/>

→ ~ grunt build:production

→ ~ gulp watch

→ ~ gulp deploy

→ ~ grunt uglify

→ ~ gulp sass [compass]

Use Pré-Processadores de CSS

Combinado com um task runner, eles são muito poderosos



<http://sass-lang.com/>



<http://lesscss.org/>



<https://learnboost.github.io/stylus/>

SASS - Exemplo

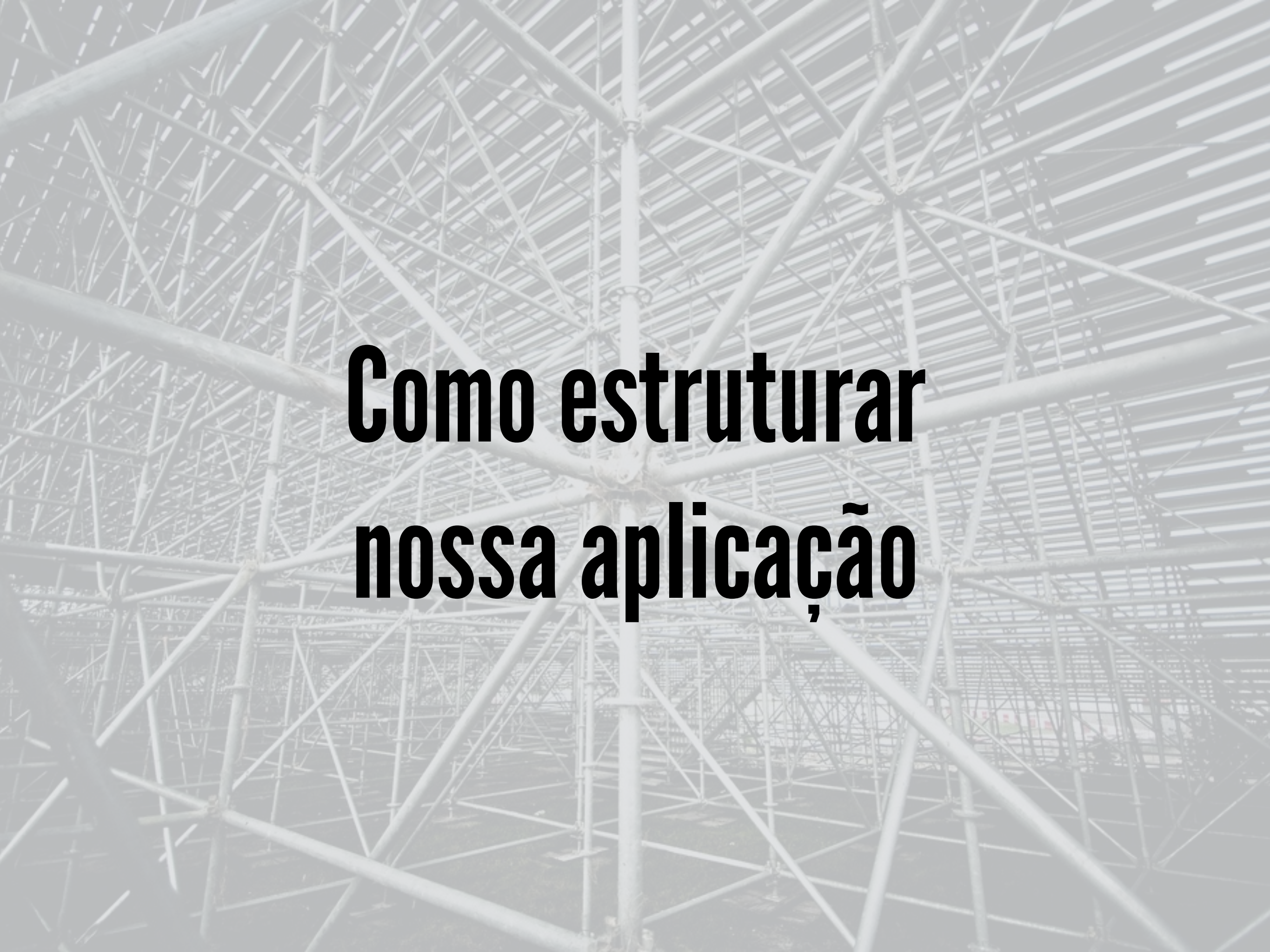
```
$color-main = #333;

@mixin clearfix() { /* ... */ }

.list {
  @include clearfix();

  .list-item {
    @extends .base-item;
    color: $color-main;

    &:hover {
      color: $color-hover;
    }
  }
}
```

**Como estruturar
nossa aplicação**



YEOMAN

<http://yeoman.io/>

<https://github.com/yeoman/generator-angular>

```
$ [sudo] npm install -g yo
```

```
$ [sudo] npm install -g generator-karma generator-angular
```

```
$ yo angular app-name
```




START



<http://bit.ly/Boilerplate1>



<http://bit.ly/Boilerplate2>





ionic

<http://ionicframework.com/>

→ ~ npm install -g ionic cordova



Ionic Playground

• <http://play.ionic.io/>

ionic

<http://ngmodules.org/>

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Angular UI

<https://angular-ui.github.io/>

A photograph of the Golden Gate Bridge in San Francisco, taken at dusk or dawn. The bridge's iconic orange-red towers and suspension cables are silhouetted against a dark, overcast sky. The bridge spans across the water, with the city skyline visible in the distance. The text "Dicas em geral" is overlaid in the center in a large, white, sans-serif font.

Dicas em geral

**1 arquivo para cada
componente**

**Não abrevie variáveis e
funções** (facilita legibilidade)

Domine o terminal

(ele pode te ajudar muito mesmo)

**Dominem seus
editores de textos e
IDE's**

**Sempre foquem na
experiência do
usuário**

**Não se limitem
ao Angular**

**O Angular não vai ser
a ferramenta certa
para todas situações**

**Saibam utilizar a
ferramenta certa na
hora certa**

**Não existe
bala de prata**



<http://vuejs.org/>

Mobile & Responsivo:

Sempre que puderm,
façam.

Leiam o manual
(documentações)

A tecnologia evolui rápido
(e cada vez mais)

1 (dos muitos) Styleguides

<https://github.com/johnpapa/angular-styleguide>

Não precisa ser sua religião isso também

Conselhos de um velho programador antissocial e ranzinza

<http://bit.ly/1eHvS8b>

Como se manter atualizado



Twitter

@AngularJS

@AngularJS_News

@toddmotto

@cironunesdev

@AngularAir

@mhevery

@ng_directives

@briantford

@bradlygreen

@ngnewsletter

<https://angularjs.org>

<http://www.codecademy.com/learn/learn-angularjs>

<https://egghead.io/technologies/angularjs>

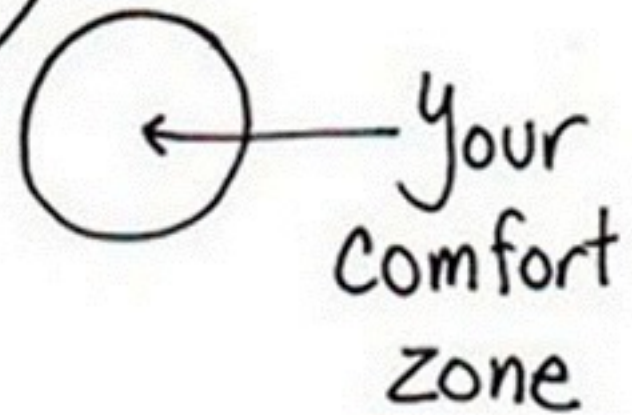
<https://www.airpair.com/angularjs>



<http://ionicframework.com/>

Weekly Newsletter

<http://www.ng-newsletter.com/>



OBRIGADO!

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