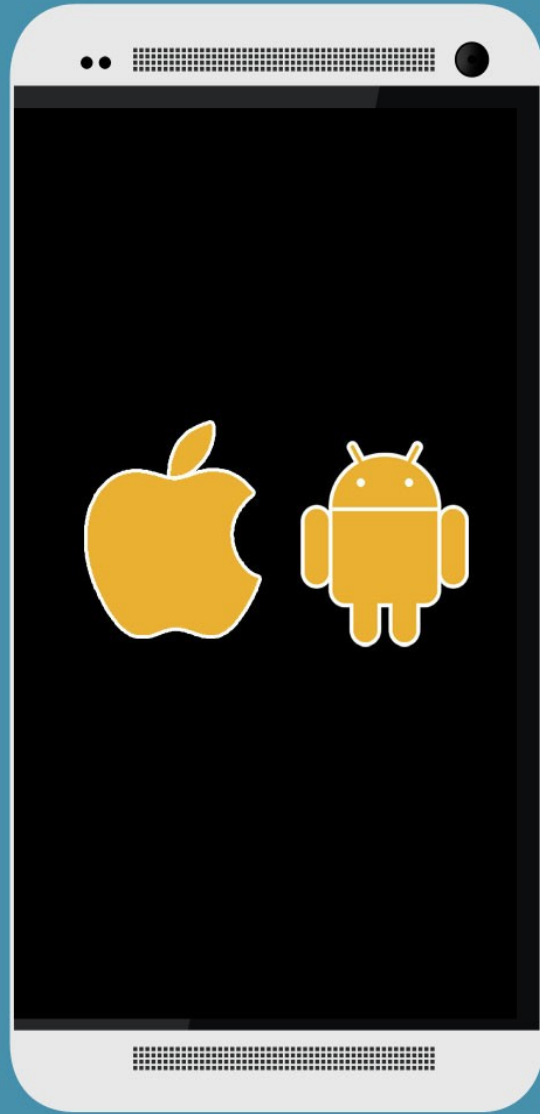
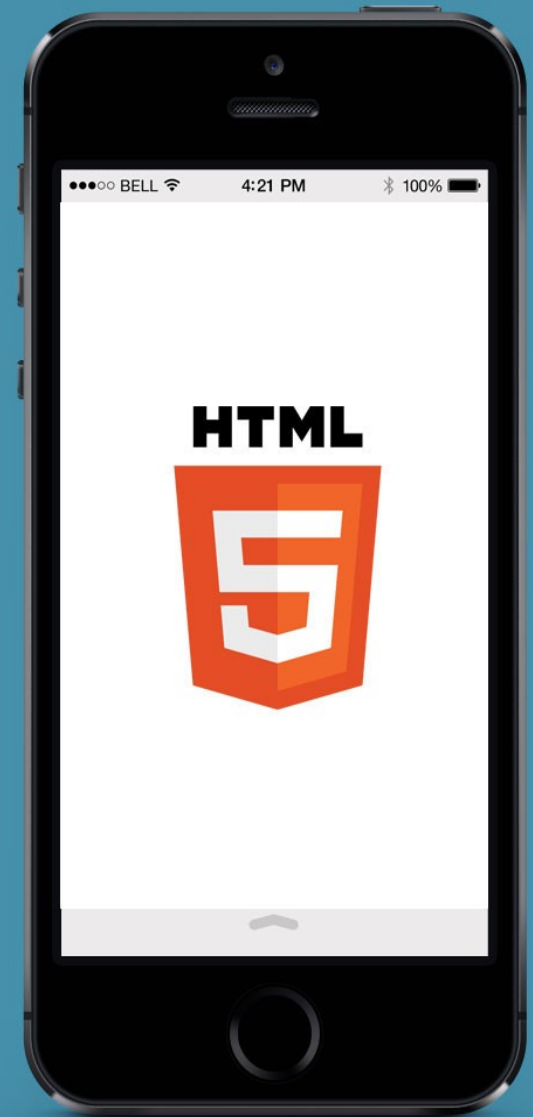


Aplicativos híbridos com Angular e Ionic Framework



Native
Vs.
Hybrid



FRANKYSTON LINS

FULL STACK DEVELOPER



www.FRANKYSTON.GITHUB.IO

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envixo



coursify.me

rsu~~u~~✓pnet

HISTÓRIA

**O QUE É UM APP
HÍBRIDO?**

Uma estrutura de software projetado para desenvolver aplicações móveis baseadas nas tecnologias web com acessos aos recursos nativos do dispositivo, como localização, camera ou uma listas de contatos.

http://en.wikipedia.org/wiki/Multiple_phone_web-based_application_framework

HTML

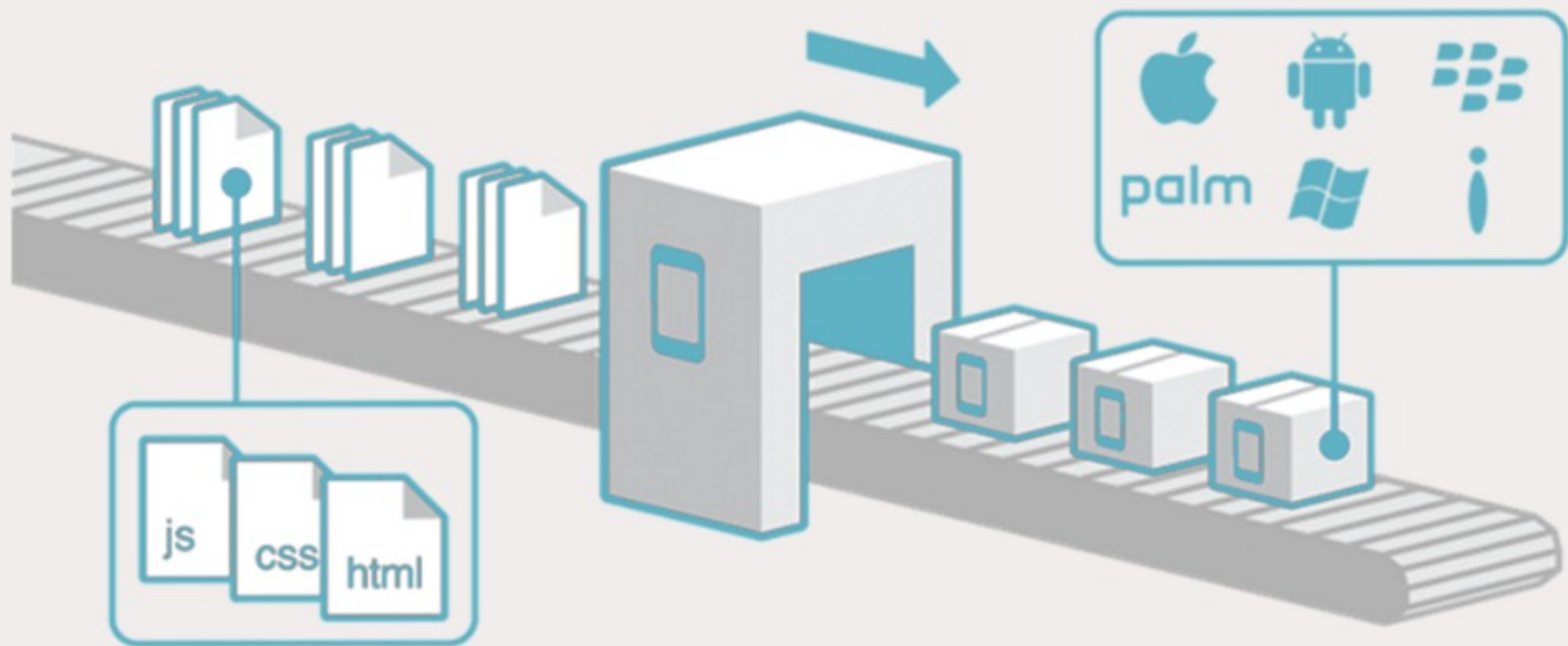


CSS



JS







APACHE

CORDOVA™

APP HIBRIDOS

Plataforma mais utilizada no mundo (Plataforma Web)

Acesso direto as APIs nativas do dispositivo (Apache Cordova).

Única base de código gera versões para várias plataformas





NATIVO?

OU

HÍBRIDO?

HTML

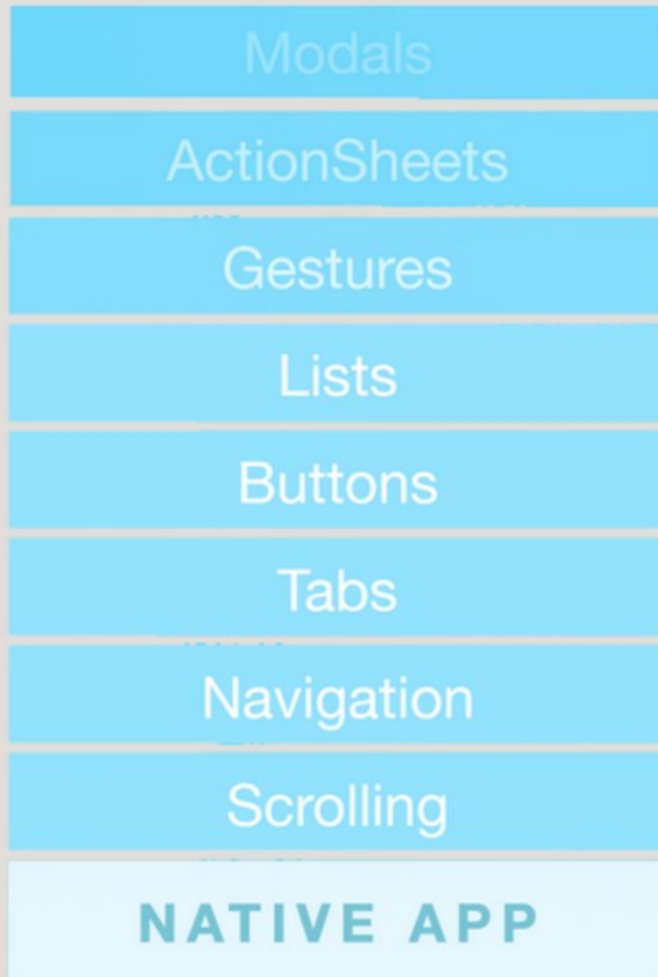


CSS



JS





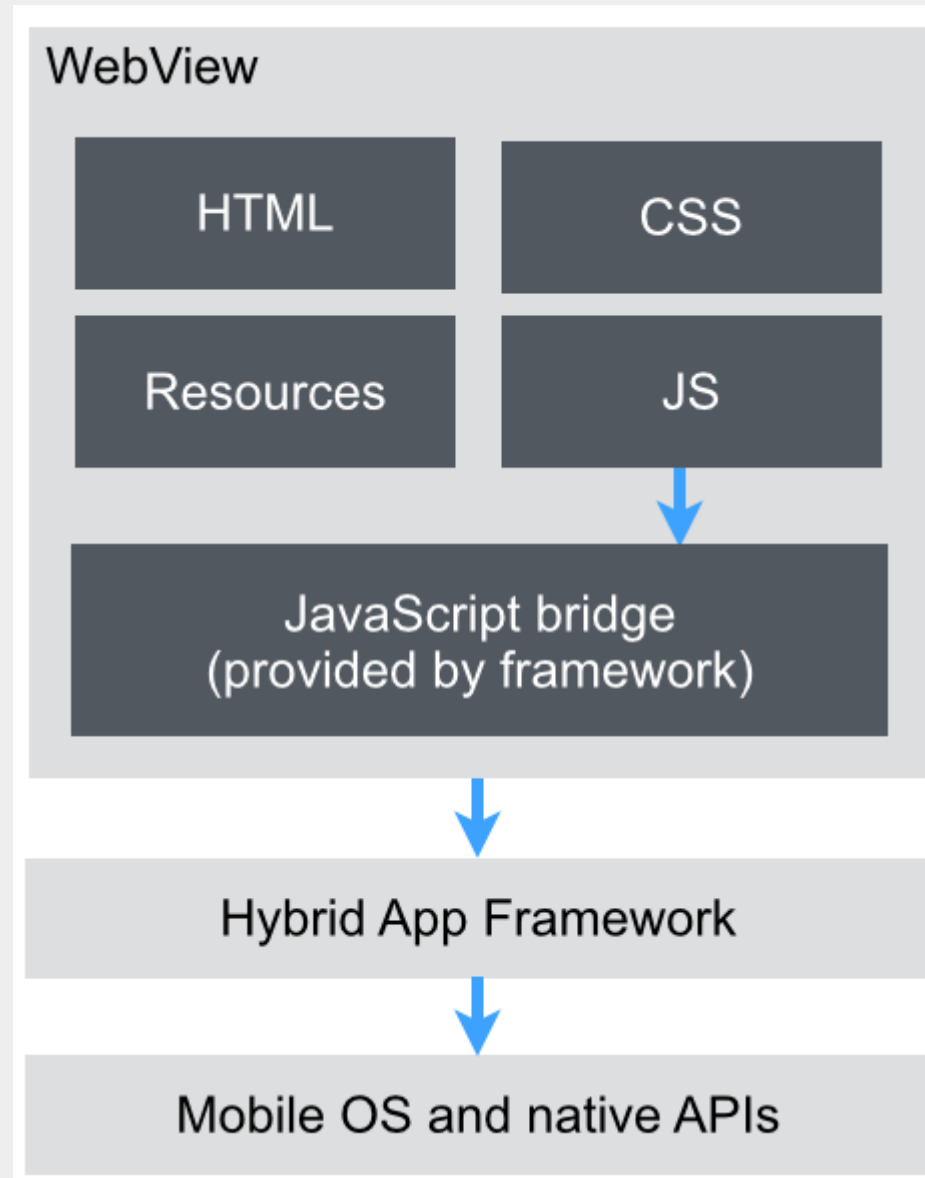
SDK Nativo

***AQUI
NÃO HÁ
NENHUM
SDK WEB***



Apache Cordova

OK, MAS COMO FUNCIONA?



**CORDOVA NÃO
É WEB!**



ionic



MANTIDO PELA DRIFTY

+16K ESTRELAS NO GITHUB

+44K DE SEGUIDORES NO TWITTER

É ATUALIZADO CONSTANTEMENTE





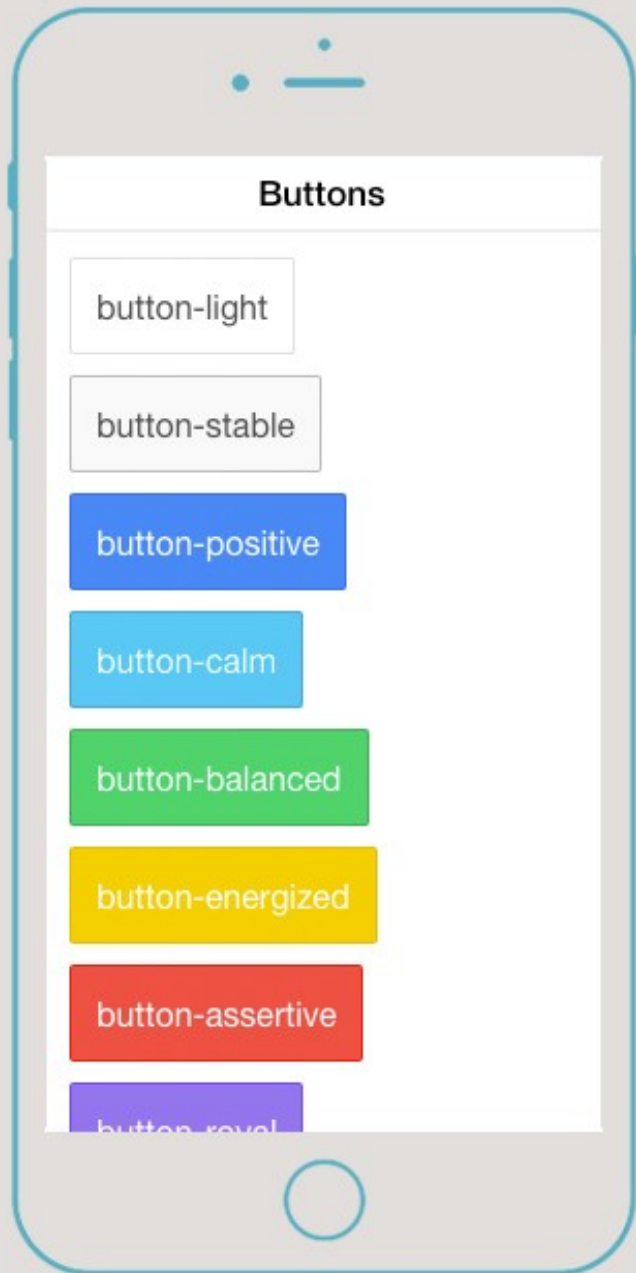
MANTIDO PELA GOOGLE

+48K ESTRELAS NO GITHUB

+135K DE SEGUIDORES NO TWITTER

+22k DE FORK NO GITHUB

BUTTONS



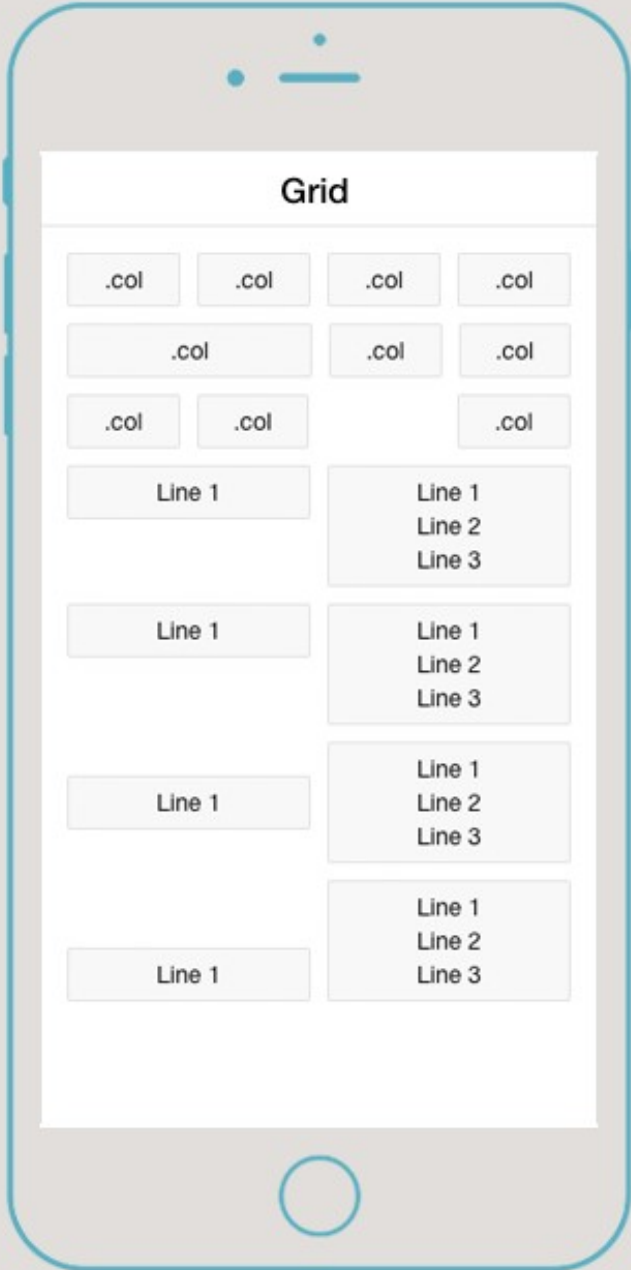
```
1 <button class="button">My Button</button>
```

FORMS

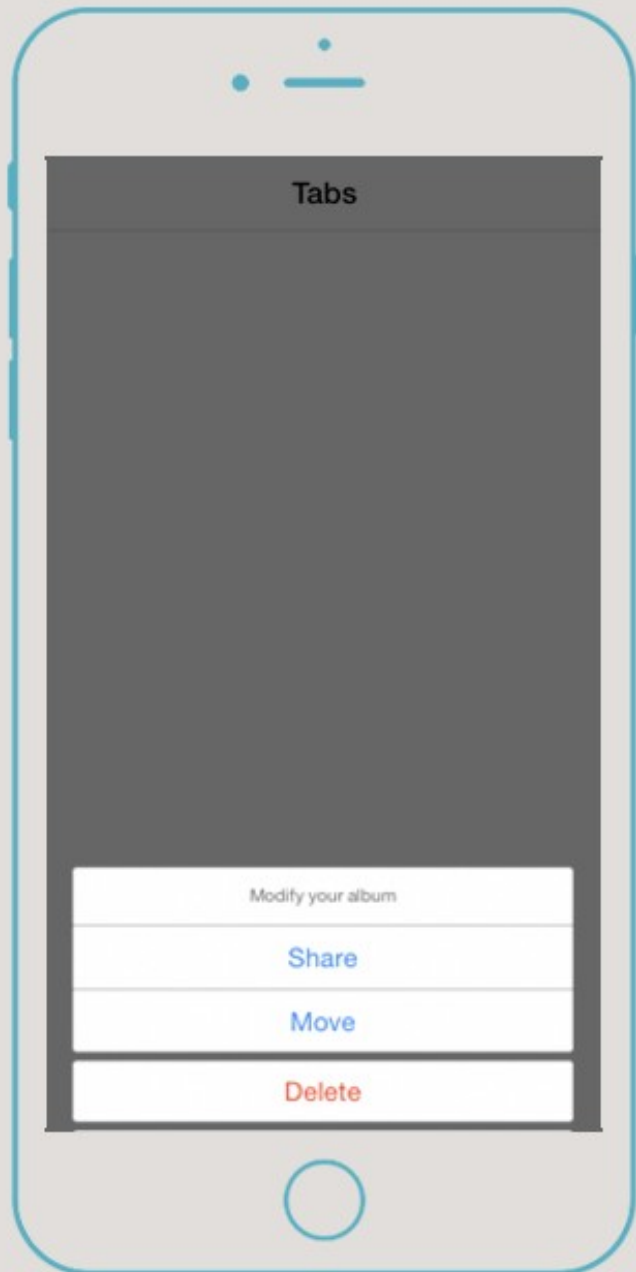
The image shows a mobile phone interface with a form titled "Forms". The form consists of two text input fields, one for "First Name" and one for "Last Name", stacked vertically. Below the input fields is a blue button labeled "Submit". The phone has a light gray background and a blue outline.

```
<div class="list list-inset">  
  <label class="item item-input">  
    <input type="text" placeholder="First Name">  
  </label>  
  <label class="item item-input">  
    <input type="text" placeholder="Last Name">  
  </label>  
</div>  
<div class="padding">  
  <button class="button button-block button-positive">Submit</button>  
</div>
```

GRIDS



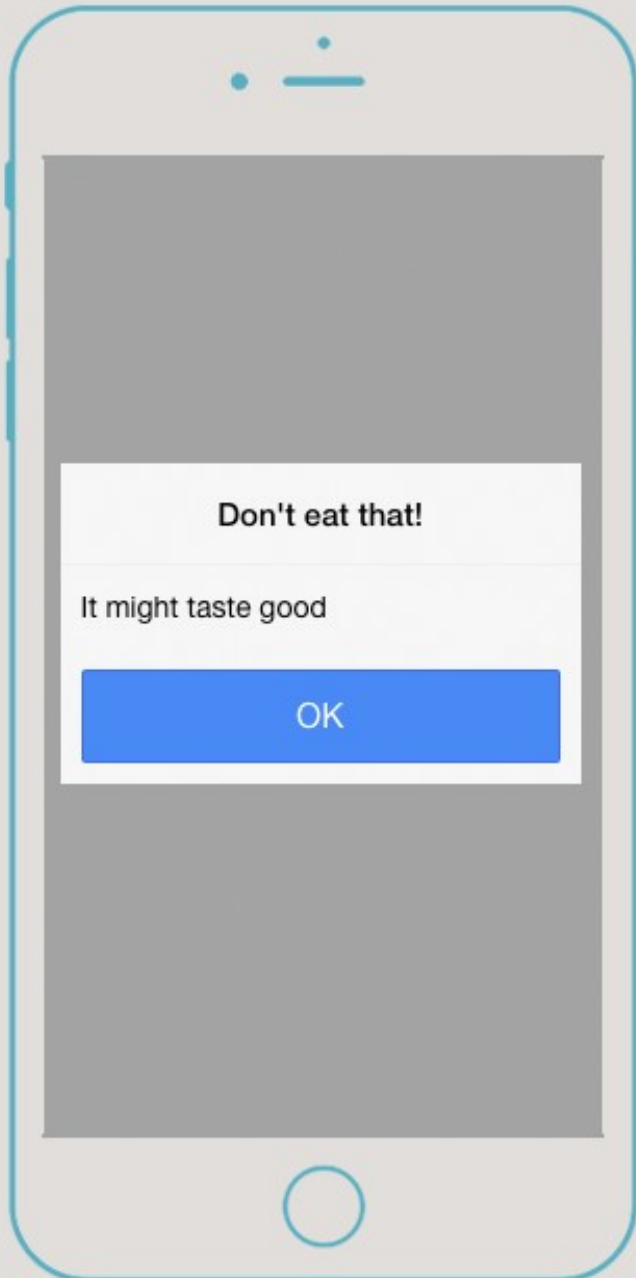
```
<div class="row">
  <div class="col">
    <div class="col-demo">.col</div>
  </div>
  <div class="col">
    <div class="col-demo">.col</div>
  </div>
  <div class="col">
    <div class="col-demo">.col</div>
  </div>
  <div class="col">
    <div class="col-demo">.col</div>
  </div>
</div>
```



ACTIONSHEET

```
// Show the action sheet
var hideSheet = $ionicActionSheet.show({
  buttons: [
    { text: '<b>Share</b> This' },
    { text: 'Move' }
  ],
  destructiveText: 'Delete',
  titleText: 'Modify your album',
  cancelText: 'Cancel',
  cancel: function() {
    // add cancel code..
  },
  buttonClicked: function(index) {
    return true;
  }
});
```

POPUPS



```
var alertPopup = $ionicPopup.alert({
  title: 'Don\'t eat that!',
  template: 'It might taste good'
});
alertPopup.then(function(res) {
  console.log('Thank you for not eating my delicious ice cream cone');
});
```

SLIDEBOX

AngularJS

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Lorem ipsum dolor sit amet, consectetur adipisicing elit. Omnis molestias possimus veniam magnam, libero vero consequuntur nulla accusamus quaerat tempore, unde veritatis rerum voluptate quam sunt molestiae in, placeat mollitia!

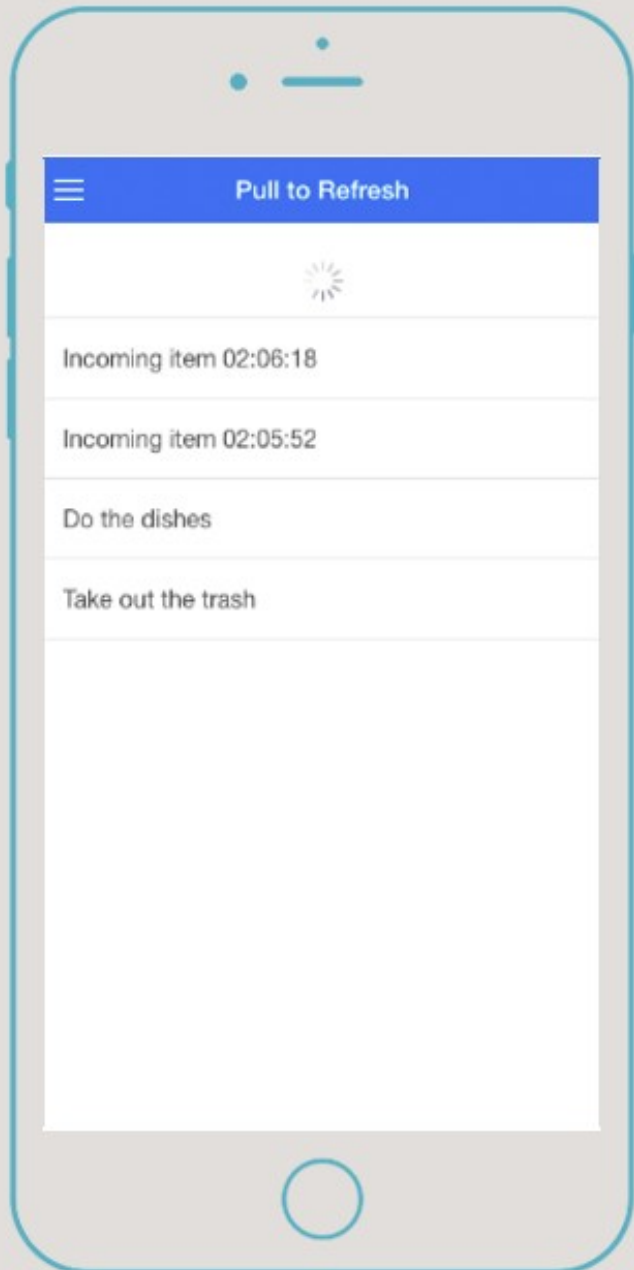
Lorem ipsum dolor sit amet, consectetur adipisicing elit. Voluptatibus magni nesciunt numquam, ratione, nisi tempore harum saepe aspernatur, ea, eaque rem laudantium fugiat placeat. Voluptates labore blanditiis praesentium architecto modi.

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Dignissimos quae molestias, explicabo est architecto nam odio, voluptate amet ipsum enim, ducimus officiis aliquid omnis nesciunt aspernatur eveniet eligendi in repellat.

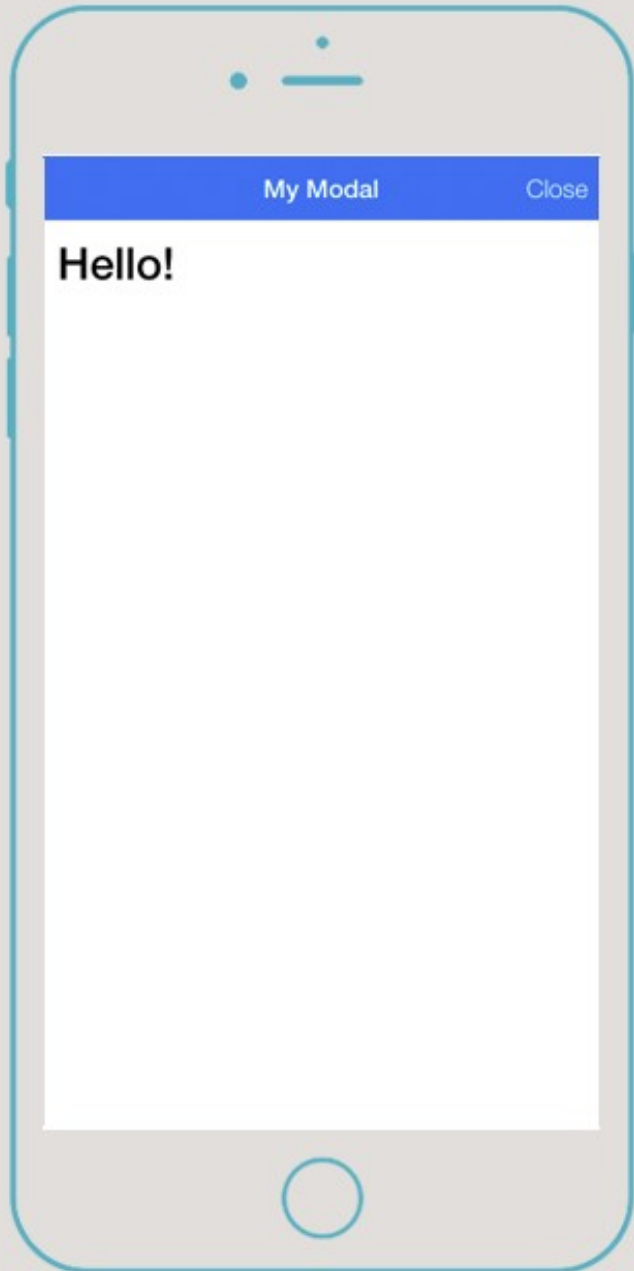


```
<ion-view view-title="Slide Box">
  <ion-content id="slidebox">
    <ion-slide-box id="slidebox">
      <ion-slide>
        <div class="box"></div>
      </ion-slide>
      <ion-slide>
        <div class="box"></div>
      </ion-slide>
      <ion-slide>
        <div class="box"></div>
      </ion-slide>
      <ion-slide>
        <div class="box"></div>
      </ion-slide>
    </ion-slide-box>
  </ion-content>
</ion-view>
```


PULL TO REFRESH



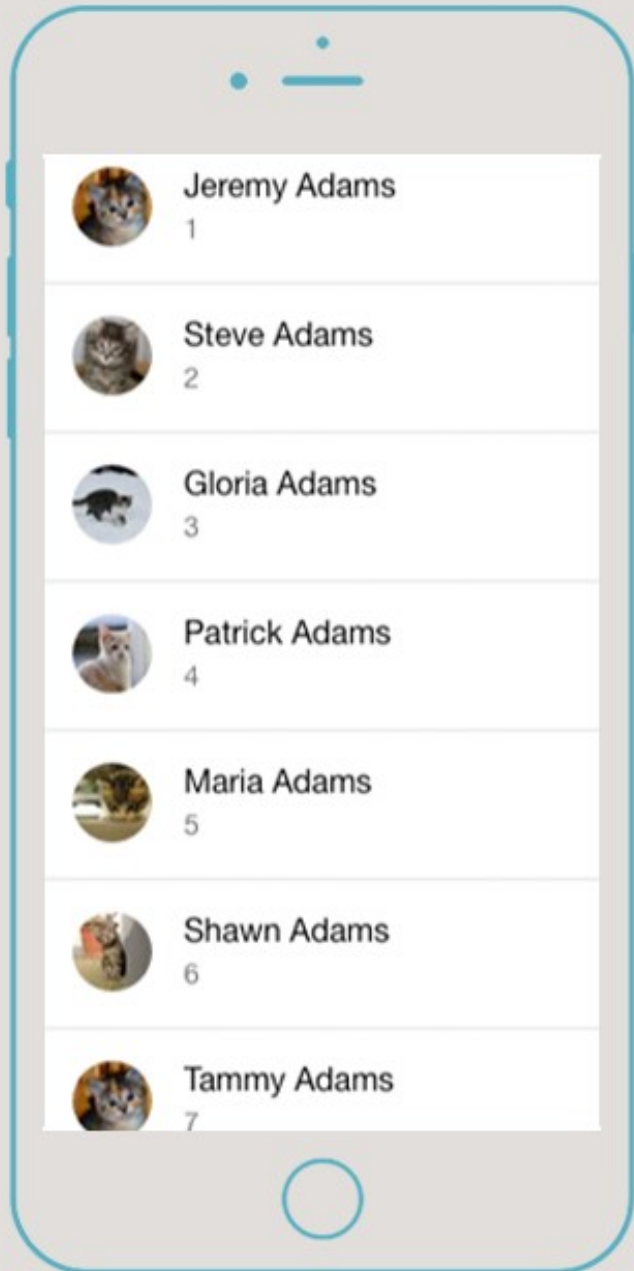
```
<ion-refresher pulling-text="Pull to refresh"  
  on-refresh="doRefresh()"></ion-refresher>
```



MODAL

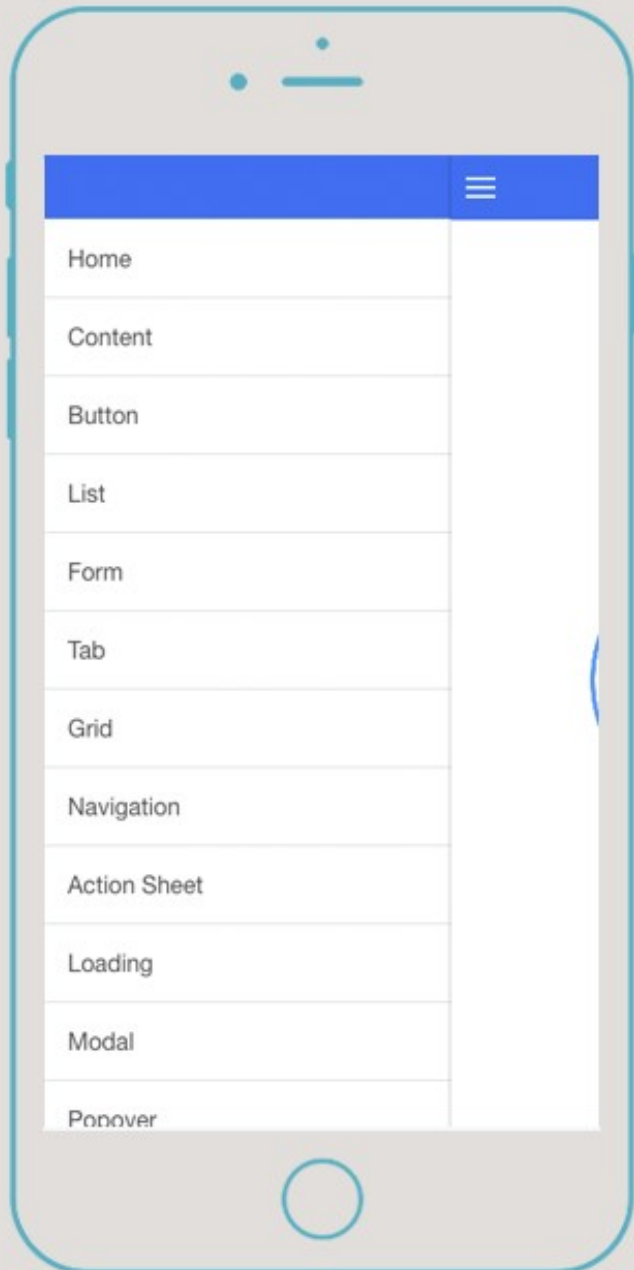
```
<script id="templates/modal.html" type="text/ng-template">
  <ion-modal-view>
    <ion-header-bar>
      <h1 class="title">My Modal</h1>
      <button class="button button-clear" ng-click="hide()">Close</button>
    </ion-header-bar>
    <ion-content>
      <div class="padding">
        <h2>Hello</h2>
      </div>
    </ion-content>
  </ion-modal-view>
</script>
```

LIST



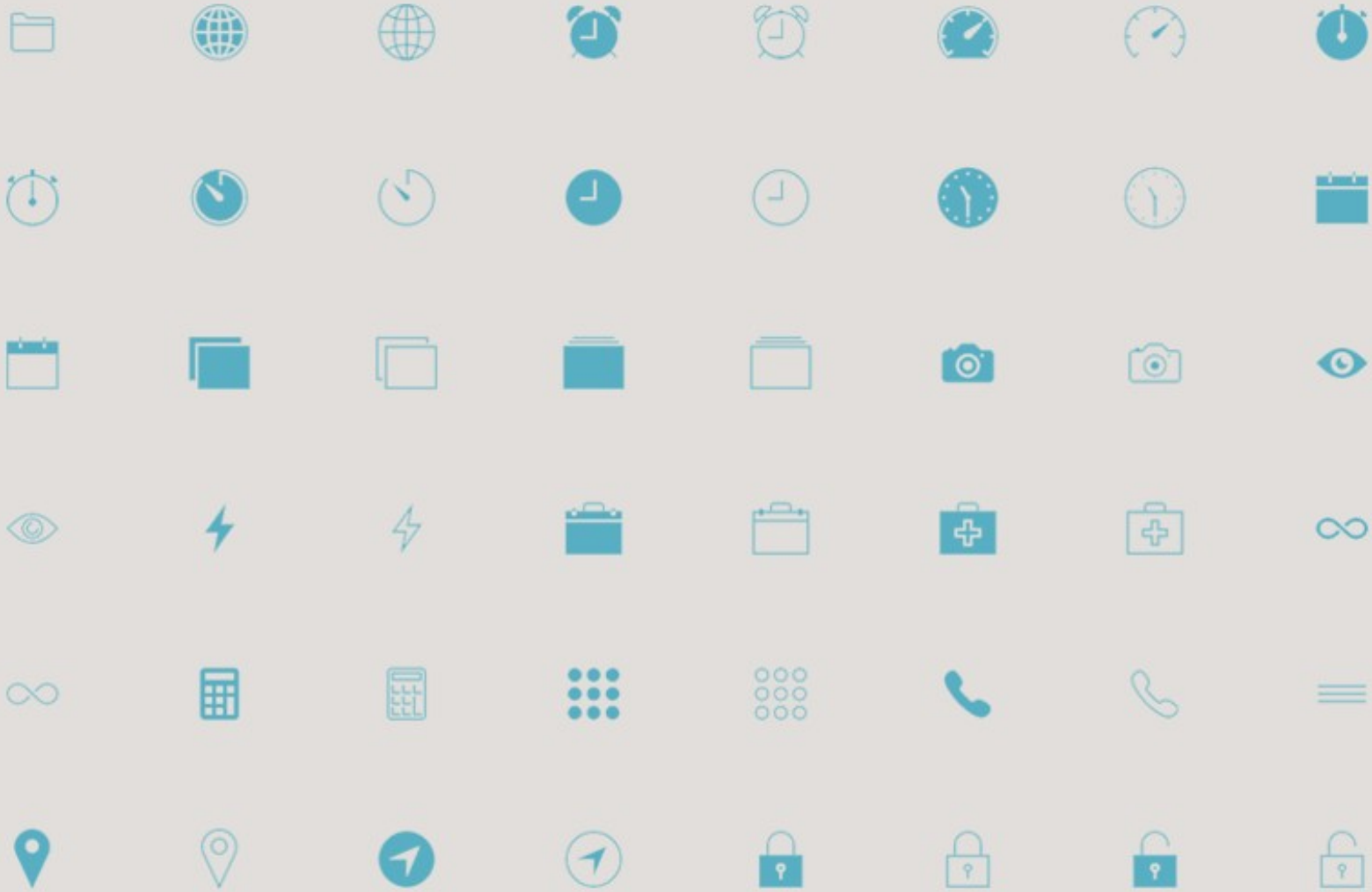
```
1 <div class="list">
2   <div class="item" collection-repeat="cat in cats">
3     <h2>{{ cat.name }}</h2>
4     <p>{{ cat.id }}</p>
5   </div>
6 </div>
```

SIDEMENU



```
<ion-side-menus enable-menu-with-back-views="false">
  <ion-side-menu-content>
    <ion-nav-bar class="bar-positive">
      <ion-nav-back-button>
      </ion-nav-back-button>
      <ion-nav-buttons side="left">
        <button class="button button-icon button-clear ion-navicon" menu-toggle="left">
        </button>
      </ion-nav-buttons>
    </ion-nav-bar>
    <ion-nav-view name="menuContent">
    </ion-nav-view>
  </ion-side-menu-content>
  <ion-side-menu side="left">
    <ion-header-bar></ion-header-bar>
    <ion-content>
      <ion-list>
        <ion-item menu-close ui-sref="app.home">Home</ion-item>
        <ion-item menu-close ui-sref="app.content">Content</ion-item>
        <ion-item menu-close ui-sref="app.button">Button</ion-item>
        <!-- ... -->
      </ion-list>
    </ion-content>
  </ion-side-menu>
</ion-side-menus>
```

IONICONS







APACHE
CORDOVA™

+



ANGULARJS

=



ngCordova



ngCordova

60+ AngularJS extensions on top of the **Cordova API**



TOUCH ID



OAUTH



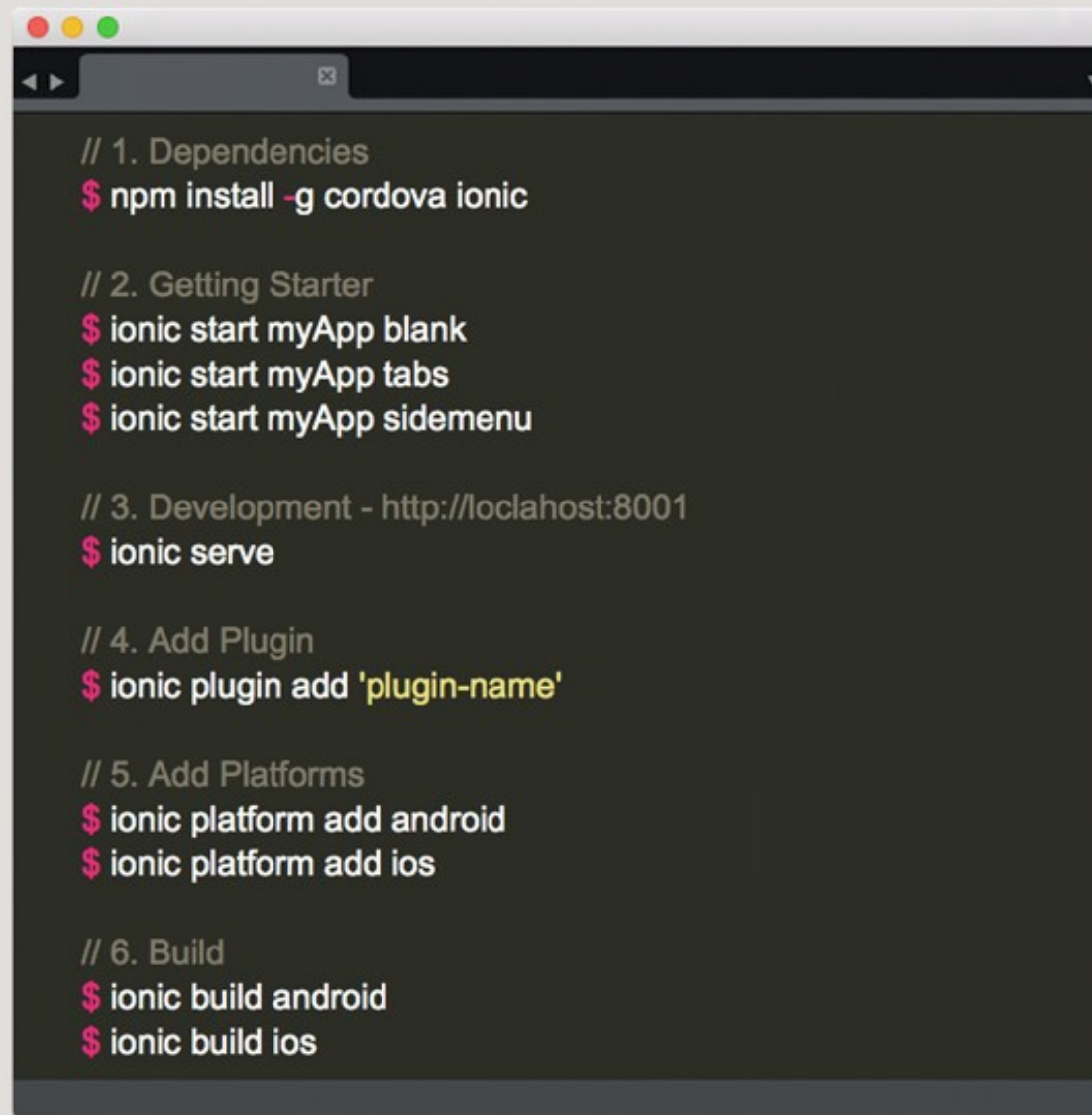
CAMERA



..Ionic ainda tem muito mais a oferecer



IONIC CLI

A terminal window with a dark background and light text. The window has a title bar with three colored buttons (red, yellow, green) on the left and a close button (X) on the right. The terminal content is organized into six numbered sections, each starting with a comment line. The commands are preceded by a pink dollar sign (\$).

```
// 1. Dependencies
$ npm install -g cordova ionic

// 2. Getting Starter
$ ionic start myApp blank
$ ionic start myApp tabs
$ ionic start myApp sidemenu

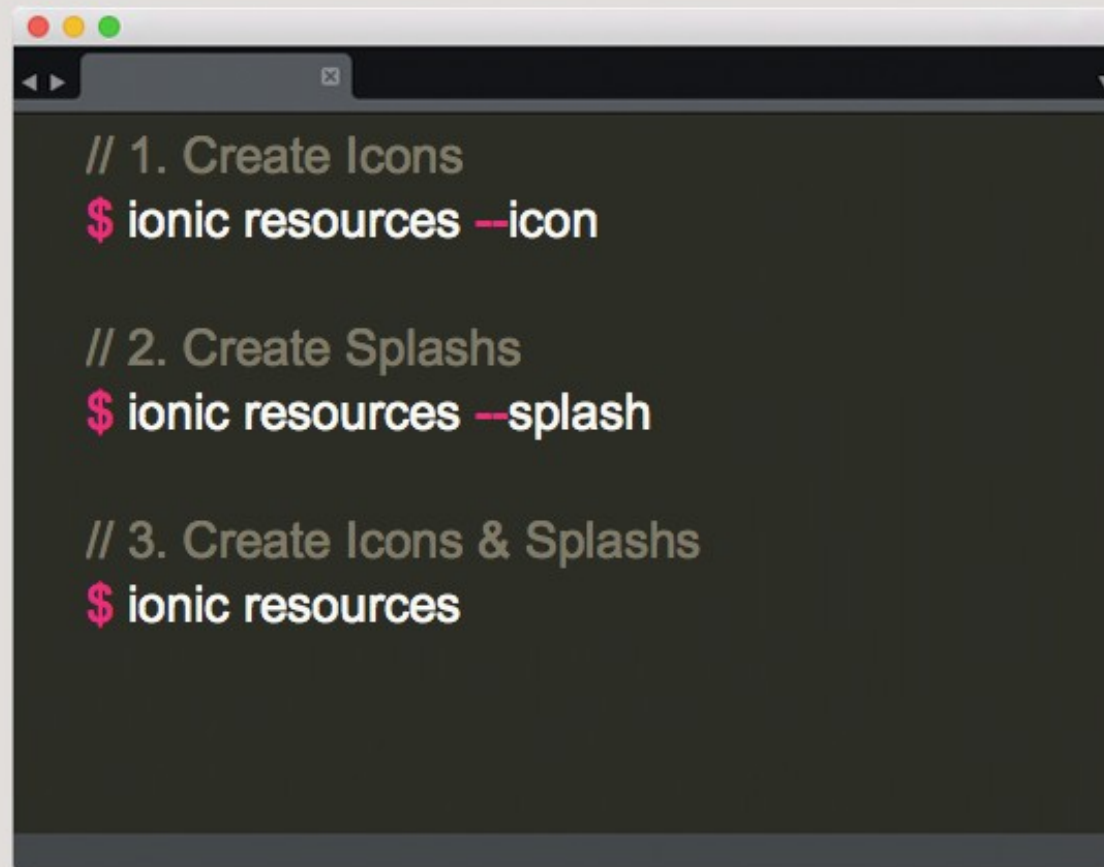
// 3. Development - http://localhost:8001
$ ionic serve

// 4. Add Plugin
$ ionic plugin add 'plugin-name'

// 5. Add Platforms
$ ionic platform add android
$ ionic platform add ios

// 6. Build
$ ionic build android
$ ionic build ios
```

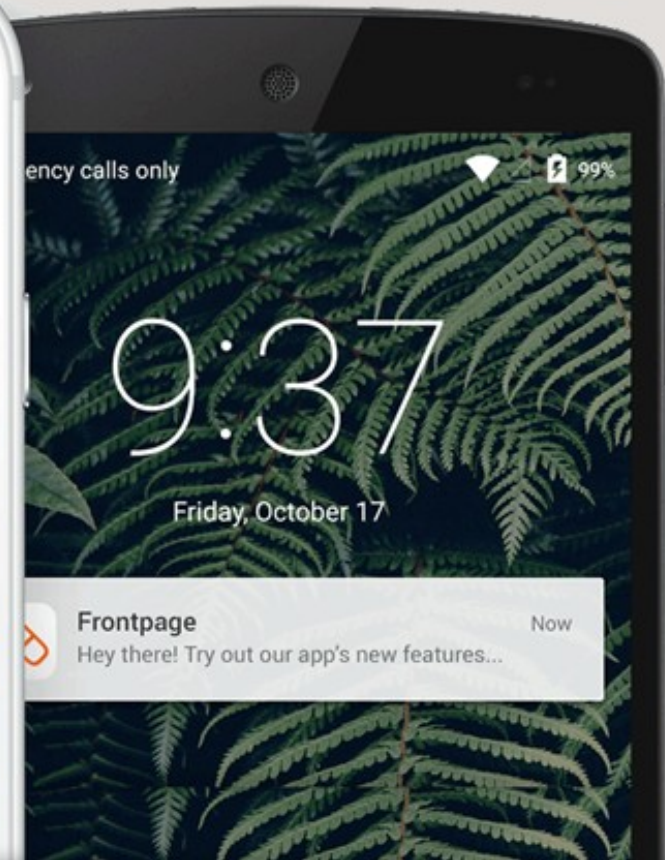
IONIC RESOURCES

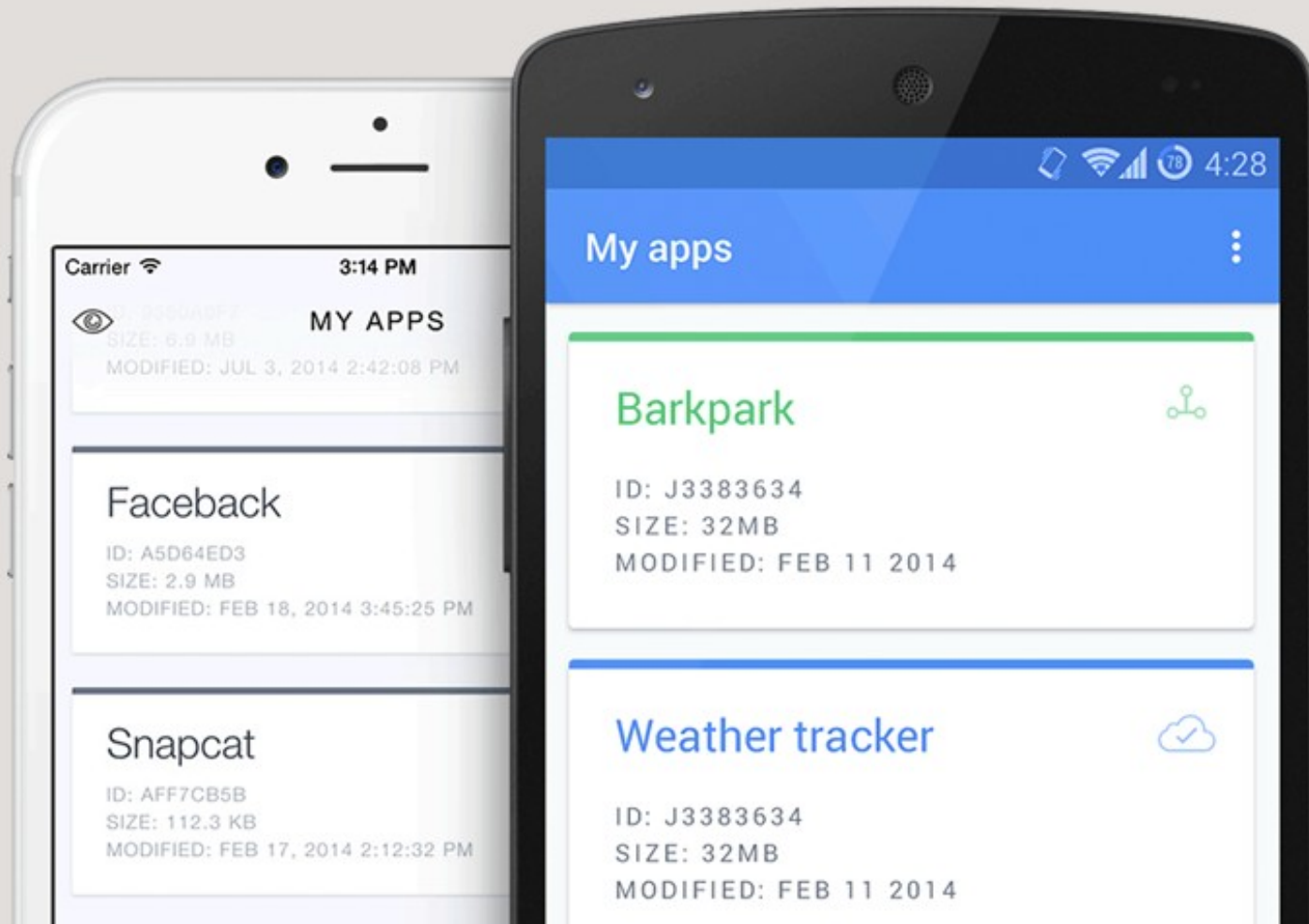


```
// 1. Create Icons
$ ionic resources --icon

// 2. Create Splashes
$ ionic resources --splash

// 3. Create Icons & Splashes
$ ionic resources
```





Carrier 3:14 PM
MY APPS
SIZE: 6.9 MB
MODIFIED: JUL 3, 2014 2:42:08 PM

Faceback
ID: A5D64ED3
SIZE: 2.9 MB
MODIFIED: FEB 18, 2014 3:45:25 PM

Snapcat
ID: AFF7CB5B
SIZE: 112.3 KB
MODIFIED: FEB 17, 2014 2:12:32 PM

My apps 4:28

Barkpark
ID: J3383634
SIZE: 32MB
MODIFIED: FEB 11 2014

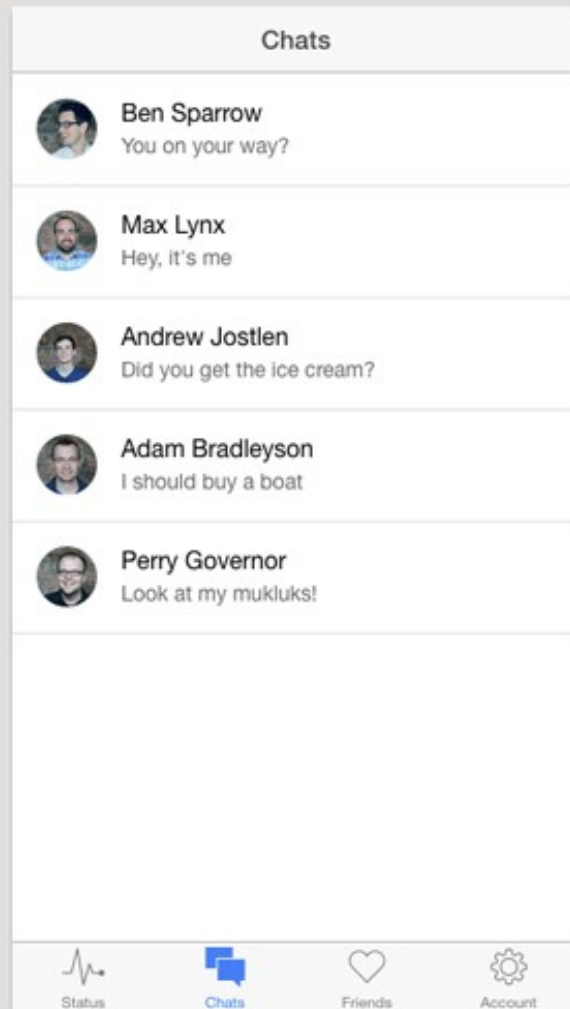
Weather tracker
ID: J3383634
SIZE: 32MB
MODIFIED: FEB 11 2014



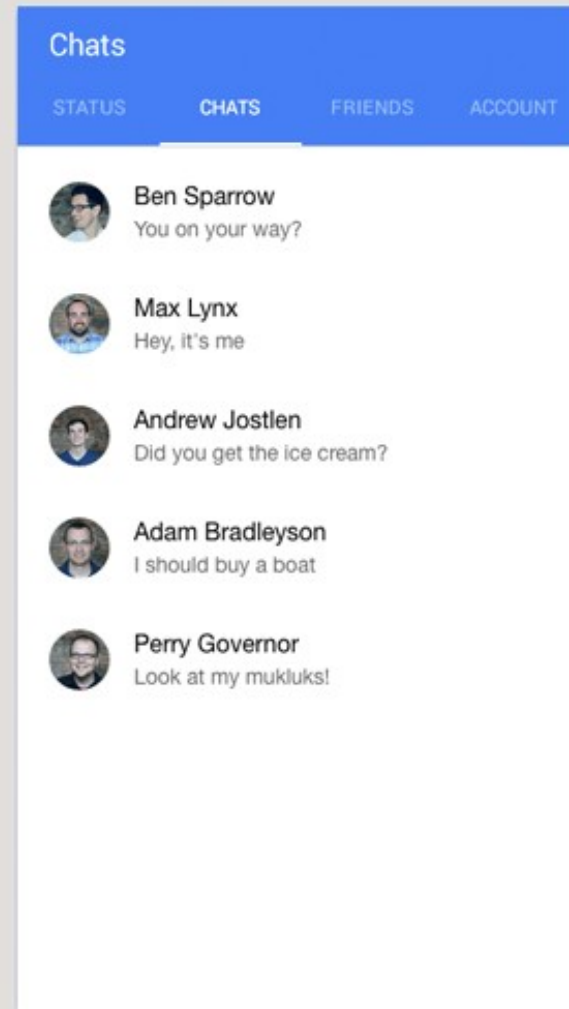
A screenshot of the Ionic Creator mobile app interface. The app is titled 'Untitled Project' and shows a central preview of a mobile login page for 'Hubstruck'. The interface includes a top toolbar with 'EDIT' and 'TEST' buttons, a left sidebar with 'PAGES' and 'COMPONENTS' sections, and a right sidebar with 'PROPERTIES' and 'THEME' sections. The central preview shows a mobile screen with the following content: a status bar at the top with 'Carrier', '13:57', and '42%' battery; the app name 'Hubstruck' in a purple font; the tagline 'Fall in love with others on Github'; an 'Email' input field; a 'Password' input field; a blue 'Log in' button with a GitHub icon; and a 'Sign Up' link with the text 'Don't have an account? Sign Up'. The left sidebar shows 'PAGES' with 'Home' selected and 'COMPONENTS' with 'Header', 'Footer', 'Button', and 'List' visible. The right sidebar shows 'PROPERTIES' with 'TEXT' (log in), 'LINK' (Home), 'ICON' (ion-social-github), 'TYPE' (Block), and 'STYLE' (Positive).

IONIC LAB

iOS



Android



..E O FUTURO?





OBRIGADO!

Aplicações mobile híbridas com Cordova e PhoneGap



Casa do
Código

SÉRIE CAELUM

SÉRGIO LOPES

PALESTRA_LINS