



# EMPEZANDO UN PROYECTO CON ANGULAR 2



# Acerca de mi

- Apasionado por el Desarrollo web
- Participante de hackatones
- Emprendedor (lighthpath)
- Freelancer

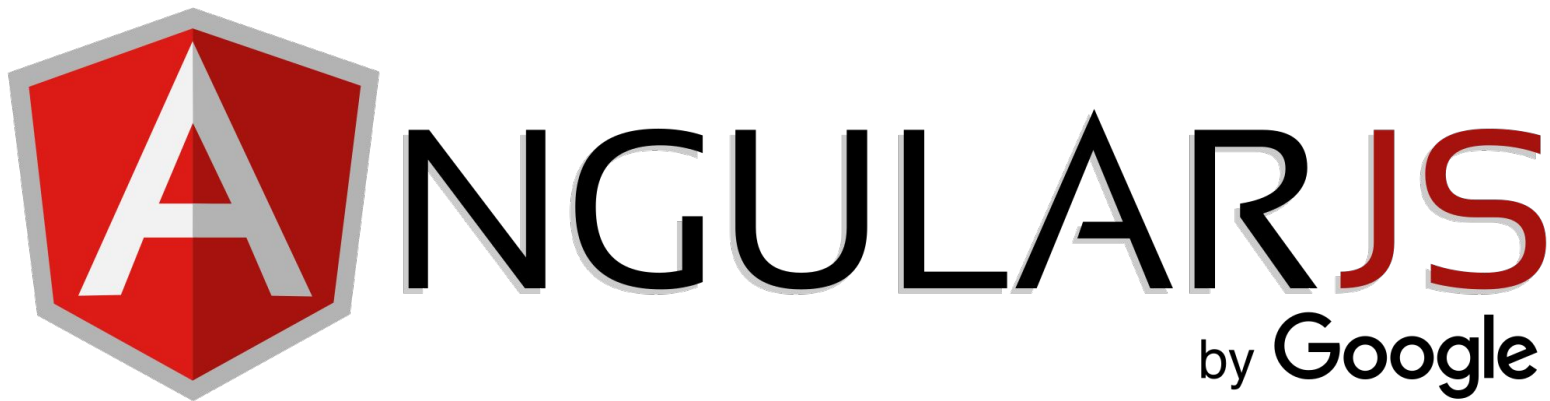
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# Que es Angularjs ?



*"HTML enhanced for web apps!"*



**Y ahora cómo empiezo ?**



# Porque usar AngularJs ?

- Build by google
- Easy MVC
- Mature Framework
- Easy Data Binding

*“The most popular JS Framework”*

# Que es Firebase ?



# Firestore

*"The Realtime Backend for your App"*

# Porque usar Firebase ?

- Sincronización en Tiempo Real
- Funciona sin Conexión
- Multiplataforma (IOS, ANDROID, WEB)
- Seguridad y validación de datos (OAUTH)
- Fácil de configurar y de escalar



- Almacenamiento Gratis para archivos estáticos
- No necesitarás escribir código para el Backend
- Mas tiempo para el UI/UX

***“The user doesn't care about your backend”***

# AngularFire ?



# Porque usar AngularFire ?

- Una API mas simple
- Three way data binding (MODEL, VIEW, DB)
- Se usa en base a servicios (\$firebaseObject, \$firebaseArray, \$firebaseAuth)
- Extensible

# 1. Crear una Cuenta

<https://console.firebase.google.com/>

## 2. Descarga las librerías

```
<!-- Angular -->
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.5.8/angular.min.js"></script>

<!-- Firebase -->
<script src="https://www.gstatic.com/firebasejs/3.3.0/firebase.js"></script>

<!-- AngularFire -->
<script src="https://cdn.firebase.com/libs/angularfire/2.0.1/angularfire.min.js"></script>
```



## 4. Añadir a nuestro Proyecto

```
var app = angular.module("app", ["firebase"]);
app.config(function() {
  var config = {
    apiKey: "<API_Key>",           // Your Firebase API key
    authDomain: "<AUTH_DOMAIN>", // Your Firebase Auth domain ("*.firebaseapp.com")
    databaseURL: "<DATABASE_URL>", // Your Firebase Database URL ("https://*.firebaseio.com")
    storageBucket: "<STORAGE_BUCKET>" // Your Firebase Storage bucket ("*.appspot.com")
  };
  firebase.initializeApp(config);
});
```

## 5. Inject the AngularFire Services

```
var app = angular.module("sampleApp", ["firebase"]);
```

```
app.controller("SampleCtrl", function($scope, $firebaseObject) {
  var ref = firebase.database().ref();
  // download the data into a local object
  $scope.data = $firebaseObject(ref);
  // putting a console.log here won't work, see below
});
```



**MAS ALLA DE ANGULARFiRE ?**



A political cartoon set against a background of American flags. On the left, Donald Trump is depicted with his characteristic white hair, wearing a blue suit, white shirt, and red tie. He is speaking into a microphone at a dark blue podium. Behind him to the right stand two other figures: a man in a dark suit and sunglasses, and Homer Simpson, who is wearing his signature white polo shirt and blue pants. Homer Simpson has a wide-eyed, open-mouthed expression. The podium features three red stars above the word 'TRUMP' in large, white, bold, sans-serif capital letters. Below this, in smaller white capital letters, is the phrase 'AMERICA YOU CAN BE MY EX-WIFE!'.

# TRUMP

AMERICA YOU CAN BE MY EX-WIFE!



Firestore

+



ANGULARJS<sup>2</sup>  
by Google



# Porque Angular 2 ?

- Super Fast (Virtual Dom, AOT )
- Funciona con TypeScript (Pollyfill)
- Muy buena documentacion
- Observable based
- Backed by google (Finally released !! )

# AngularFire 2 ?

- Basado en Observadores - Utilice la potencia de rxjs, Angular 2 y Firebase.
- Realtime bindings -  
Sincronizar las colecciones de DB como objetos o listas.
- Autenticación - Monitorea tu estado en tiempo real
- Backed by google (sigue en beta)

# 1. Instalar el AngularFire2

```
npm install firebase angularfire2 --save
```

## 2. Ejemplo de uso

```
import {Component} from '@angular/core';
import {AngularFire, FirebaseListObservable} from 'angularfire2';

@Component({
  selector: 'project-name-app',
  template: `
    <ul>
      <li *ngFor="let item of items | async">
        {{ item.name }}
      </li>
    </ul>
  `
})
export class MyApp {
  items: FirebaseListObservable<any[]>;
  constructor(af: AngularFire) {
    this.items = af.database.list('/items');
  }
}
```



**HORA DEL DEMO**

# Referencias y lecturas

- <https://console.firebase.google.com/>
- <https://angular.io/>
- <https://github.com/AngularClass/awesome-angular2>
- <http://www.c-sharpcorner.com/article/basic-architecture-of-angular-2-applications/?platform=hootsuite>

thank  
you