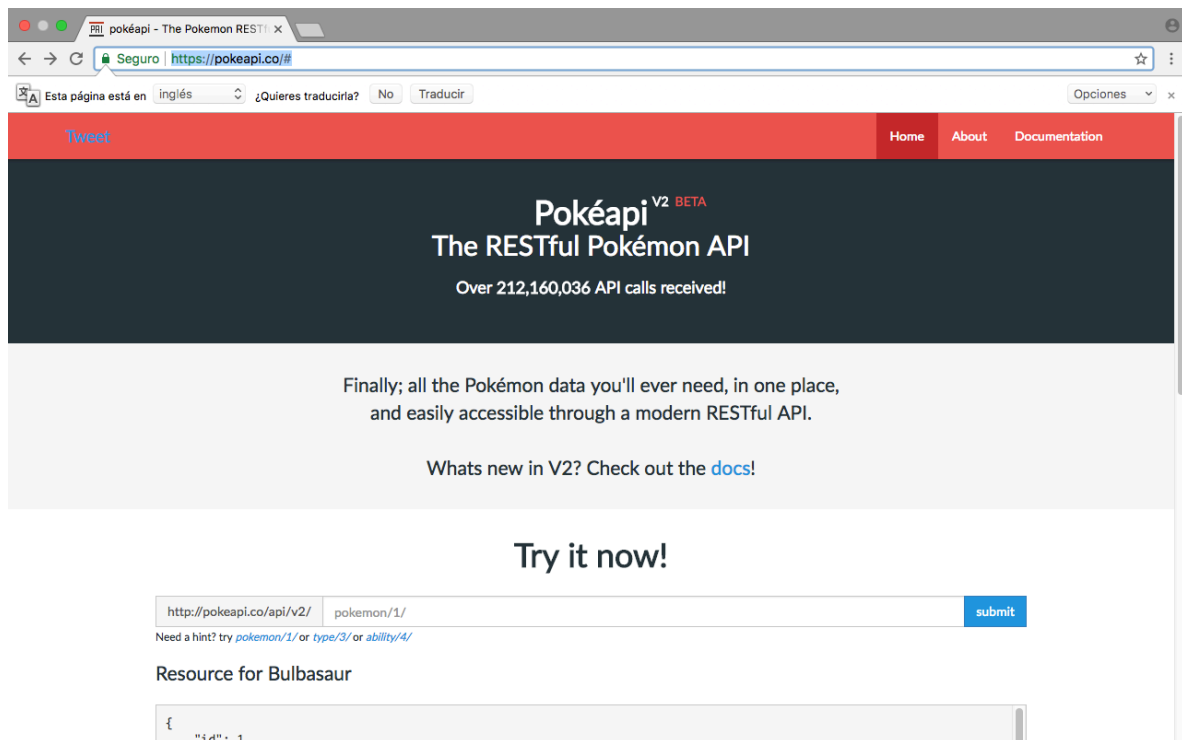


IONIC Webservices
José Santorcuato T

Requerimientos

Advanced REST client, extensión de Chrome
RESTclient, Mozilla-Firefox

<https://pokeapi.co/#>



Generamos proyecto

```
ionic start restget blank
```

```
ionic g tabs misTabs
```

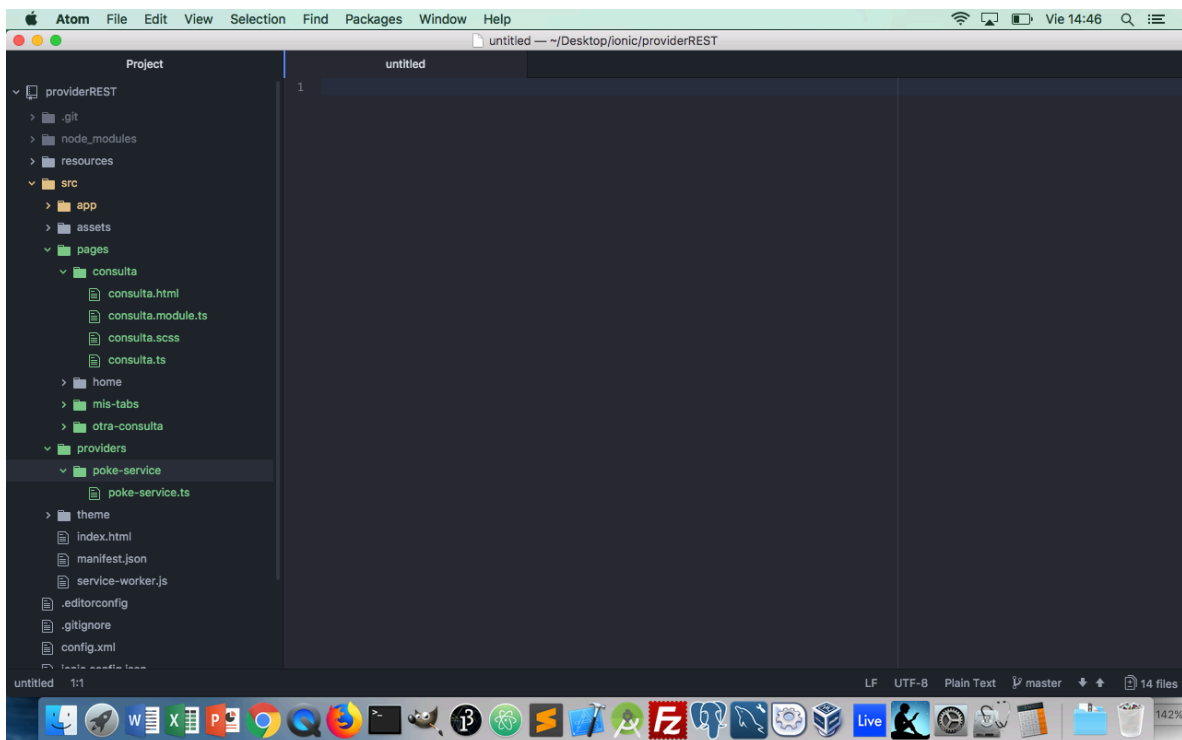
```
todo, ubicacion
```

PROVIDER

Son los encargados de manejar solicitudes Http, REST, base de datos, etc. Se inyectan en nuestra aplicación.

```
ionic g provider poke-service
```

Estructura proyecto



El poke-service.ts

```
import { HttpClient } from '@angular/common/http';
import { Injectable } from '@angular/core';

/*
  Generated class for the PokeServiceProvider provider.

  See https://angular.io/guide/dependency-injection for more info on providers
  and Angular DI.
*/
@Injectable()
export class PokeServiceProvider {

  constructor(public http: HttpClient) {
    console.log('Hello PokeServiceProvider Provider');
  }
  getPokemons() {
    return this.http.get('http://pokeapi.co/api/v2/pokemon');
  }
}
```

app.modules.ts

```
import { BrowserModule } from '@angular/platform-browser';
import { ErrorHandler, NgModule } from '@angular/core';
import { IonicApp, IonicErrorHandler, IonicModule } from 'ionic-angular';
import { SplashScreen } from '@ionic-native/splash-screen';
import { StatusBar } from '@ionic-native/status-bar';

import { MyApp } from './app.component';
import { HomePage } from '../pages/home/home';
import { PokeServiceProvider } from '../providers/poke-service/poke-service';
import { HttpClientModule } from '@angular/common/http';
import { HttpClient } from '@angular/common/http';

@NgModule({
  declarations: [
    MyApp,
    HomePage
  ],
  imports: [
    BrowserModule,
    IonicModule.forRoot(MyApp),
    HttpClientModule
  ],
  bootstrap: [IonicApp],
  entryComponents: [
    MyApp,
    HomePage
  ],
  providers: [
    StatusBar,
    SplashScreen,
    {provide: ErrorHandler, useClass: IonicErrorHandler},
    PokeServiceProvider
  ]
})
export class AppModule {}
```

app.components.ts

```
import { Component } from '@angular/core';
import { Platform } from 'ionic-angular';
import { StatusBar } from '@ionic-native/status-bar';
import { SplashScreen } from '@ionic-native/splash-screen';

import { HomePage } from '../pages/home/home';
@Component({
  templateUrl: 'app.html'
})
export class MyApp {
  rootPage:any = 'MisTabsPage';

  constructor(platform: Platform, statusBar: StatusBar, splashScreen: SplashScreen) {
    platform.ready().then(() => {
      // Okay, so the platform is ready and our plugins are available.
      // Here you can do any higher level native things you might need.
      statusBar.styleDefault();
      splashScreen.hide();
    });
  }
}
```

todo.ts

```
import { Component } from '@angular/core';
import { IonicPage, NavController, NavParams } from 'ionic-angular';
import { PokeServiceProvider } from '../providers/poke-service/poke-service';

/**
 * Generated class for the TodoPage page.
 *
 * See https://ionicframework.com/docs/components/#navigation for more info on
 * Ionic pages and navigation.
 */

@IonicPage()
@Component({
  selector: 'page-todo',
  templateUrl: 'todo.html',
})
export class TodoPage {

  pokemones: any[] = [];

  constructor(public navCtrl: NavController, public navParams: NavParams, public pokeServicePro:
PokeServiceProvider) {
  }

  ionViewDidLoad() {
    console.log('ionViewDidLoad TodoPage');

    this.pokeServicePro.getPokemones()
    .subscribe(
      (data) => { // Success
        This.pokemones = data['results'];
      },
      (error) =>{
        console.error(error);
      }
    )
  }
}
```

todo.html

```
<ion-header>
  <ion-navbar color="primary">
    <ion-title>
      Ejemplo Rest
    </ion-title>
  </ion-navbar>
</ion-header>

<ion-content>
  <ion-list>
    <ion-item *ngFor="let pokemon of pokemones">

      <h2>{{ pokemon.name | uppercase }}</h2>
      <p>{{ pokemon.url }}</p>
    </ion-item>
  </ion-list>
</ion-content>
```