

Week 25 Day 5 - Ionic Plugins

Review

Ionic Emulate, Run, View

Ionic Creator

<https://creator.ionic.io>

Geolocation & Mapping Tutorial

<http://www.gajotres.net/using-cordova-geolocation-api-with-google-maps-in-ionic-framework/>

Simplified steps:

```
ionic start geo blank
```

```
cd geo
```

```
ionic add ngCordova
```

Add to your index.html, right before the cordova.js:

```
<script src="lib/ngCordova/dist/ng-cordova.min.js"></script>
```

```
ionic plugin add cordova-plugin-geolocation
```

```
ionic plugin add cordova-plugin-whitelist
```

In the index.html, add a this controller and div to the ion-content tag:

```
<ion-content ng-controller="MapController">
  <div id="map" data-tap-disabled="true"></div>
</ion-content>
```

In the index.html, add this right before the closing body tag:

```
<script src="https://maps-api-ssl.google.com/maps/api/js?libraries=places"></script>
```

In the app.js file, add this controller after the run function:

```
.controller('MapController', MapController);

MapController.$inject = ['$cordovaGeolocation', '$ionicLoading', '$ionicPlatform'];
function MapController($cordovaGeolocation, $ionicLoading, $ionicPlatform) {
  var mc = this;

  $ionicPlatform.ready(function() {

    $ionicLoading.show({
```

```

        template: '<ion-spinner icon="bubbles"></ion-spinner><br/>Acquiring location...'
    });

    var posOptions = {
        enableHighAccuracy: true,
        timeout: 20000,
        maximumAge: 0
    };

    $cordovaGeolocation.getCurrentPosition(posOptions).then(function (position) {
        var lat = position.coords.latitude;
        var long = position.coords.longitude;
        var myLatLng = new google.maps.LatLng(lat, long);

        var mapOptions = {
            center: myLatLng,
            zoom: 16,
            mapTypeId: google.maps.MapTypeId.ROADMAP
        };
        var map = new google.maps.Map(document.getElementById("map"), mapOptions);
        mc.map = map;
        $ionicLoading.hide();

    }, function(err) {
        $ionicLoading.hide();
        console.log(err);
    });
});
};

```

In the style.css file, add these:

```

#map { height: 100%; width: 100%; }
.scroll { height: 100%; }

```

More Learning

<http://appcamp.io/> - AWESOME! Interactive, like codeschool.com.

<https://app.pluralsight.com/.../table-of-contents> - Ionic course on Pluralsight

Exercise

Fork and clone the <https://github.com/driftyco/ionic-weather> repo, get it running, emulating and viewing.