



iOS Development

GPS and Maps

ElectronicArmory.com

Topics

GPS Data Structures

Maps

Map Point Annotations

Readings

<http://nscookbook.com>

<http://iosdevelopertips.com>

<http://www.mobile-patterns.com>

<http://inspired-ui.com>

<https://www.cocoacontrols.com>

<http://www.lovelyui.com>

GPS Data Structures

CLLocation

CLLocationCoordinate2D

MKCoordinateRegion

MKPointAnnotation

Readings

[Alamofire Tutorial](#) with JSON

[GPS Coordinates](#)

Add a Coordinate to the Map

```
let locationCoordinate2D:CLLocationCoordinate2D =  
CLLocationCoordinate2D(latitude: 43.608395, longitude: -116.202757)
```

```
mapView.setCenter(locationCoordinate2D, animated: true)
```

```
let mapRegion:MKCoordinateRegion = MKCoordinateRegion(center:  
locationCoordinate2D, span: MKCoordinateSpan(latitudeDelta:  
0.005,longitudeDelta: 0.005))
```

```
mapView.addAnnotation( mapAnnotation)
```

Maps and Location

Demo