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