MapHero

@Metadata {
@Available(iOS, introduced: "12.0")
}

@Options(scope: global) {
@AutomaticArticleSubheading(disabled)
}

Powerful, free and open-source mapping toolkit with full control over data sources and styling.

Overview

MapHero Native is a map rendering toolkit with support for iOS. It can be used as an alternative to MapKit. You have full control over the data sources used for rendering the map, as well as the styling. You can even participate in the development as MapLibre Native is free and open-source project.

> Note: For information on creating and modifying map styles, see the MapLibre Style Spec documentation.

Topics

Essentials

- doc:GettingStarted
- doc:AddMarkerSymbolExample

Styling and Dynamic Data

- doc:AnimatedLineExample
- doc:WebAPIDataExample
- doc:LineStyleLayerExample
- doc:DDSCircleLayerExample
- doc:POIAlongRouteExample
- doc:GeoJSON

Map Interaction

- doc:LineOnUserTap
- doc:BlockingGesturesExample
- doc:AnnotationViewExample
- doc:BuildingLightExample

Features

- doc:LocationPrivacyExample

- doc:StaticSnapshotExample

Offline

- doc:OfflinePackExample
- doc:ManageOfflineRegionsExample

Other Articles

- doc:Customizing_Fonts
- doc:Info.plist_Keys
- doc:GeoJSON
- doc:GestureRecognizers
- doc:MultipleImagesExample
- doc:Predicates_and_Expressions
- doc:Tile_URL_Templates
- doc:For_Style_Authors

Map

- MHSettings
- MHMapCamera
- MHMapViewDelegate
- MHMapView
- MHUserTrackingMode

Style Layers

- MHBackgroundStyleLayer
- MHCircleStyleLayer
- MHFillExtrusionStyleLayer
- MHFillStyleLayer
- MHForegroundStyleLayer
- MHHeatmapStyleLayer
- MHHillshadeStyleLayer
- MHLineStyleLayer
- MHRasterStyleLayer
- MHStyleLayer
- MHSymbolStyleLayer
- MHVectorStyleLayer

Sources

- MHComputedShapeSource
- MHImageSource
- MHRasterDEMSource
- MHRasterTileSource
- MHShapeSource

- MHSource
- MHTileSource

Shapes

- MHEmptyFeature
- MHMultiPoint
- MHMultiPolygon
- MHMultiPolygonFeature
- MHMultiPolyline
- MHMultiPolylineFeature
- MHMultiPolylineFeature
- MHPointAnnotation
- MHPointCollection
- MHPointCollectionFeature
- MHPolygon
- MHPolyline
- MHPolylineFeature
- MHShape
- MHShapeCollection
- MHShapeCollectionFeature

Snapshotter

- MHMapSnapshot
- MHMapSnapshotOptions
- MHMapSnapshotter

Offline support

- MHOfflinePack
- MHOfflineRegion
- MHOfflineStorage
- MHShapeOfflineRegion
- MHTilePyramidOfflineRegion

Annotations

- MHAnnotationImage
- MHAnnotationView
- MHPointFeature
- MHPointFeatureCluster