



HERE iOS SDK

Release Notes

Premium Edition Version 3.8

Important Information

Notices

Topics:

This section contains document notices.

- [Legal Notices](#)
- [Document Information](#)

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Document Information

Product

Name:	HERE iOS SDK
Version:	Premium Edition Version 3.8

Document

Name:	HERE iOS SDK Release Notes
ID:	6db49c0-1530232285-f5a1ee71
Status:	FINAL
Date:	2018-Jun-29, 0:37 (GMT)

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Chapter 1

Overview

Topics:

- [Highlights](#)

This document provides a summary of important changes for this version. Apart from newly resolved issues and added or improved functionality, this document also includes information about known issues remaining in this release as well as any existing limitations and workarounds.

Highlights

The following highlights give a short summary of the most important changes, added functionality and improvements:

- The Map Data Prefetcher feature is no longer in beta. For more information, see the *Offline Maps* section in the Developer's Guide.
- This is the last release where offline routing supports on demand map data downloads. Starting from the next release, map data must be downloaded or prefetched beforehand for offline routing to work properly.
- For a list of all new features in this release, see [New Features](#) on page 9.

Chapter 2

Changes

Topics:

- [New Features](#)
- [Functional and Behavioral ...](#)
- [Resolved Issues](#)
- [API Changes](#)
- [Known Issues](#)
- [Limitations and Workaround...](#)

This section documents major changes to the release that may require the updating of affected applications and/or associated map data.

For product changes in previous releases, see the relevant chapters in these documents: [HERE iOS SDK - Premium Edition Release Notes](#)

New Features

The following list contains new features in the current release of the HERE iOS SDK:


HERE SDK 3.8

- Added new carto POI category for EV Charging Stations
- Added scooter routing as a new beta feature. Scooter routes are optimized for scooter and motorbikes by avoiding highway and having less impact in time-to-arrival than car routes when traveling through an area with high traffic.
- Added turn-by-turn navigation support for scooter routes.
- We support extended maximum zoom level as a beta feature. This is turned off by default. Once turned on, maximum zoom level is extended to zoom level 23.
- Added the ability to query for the estimated data size of selected area or route before prefetching.
- Added support for displaying drop shadows on polylines.
- Added the ability to retrieve the URI of a venue space's icon.

Functional and Behavioral Changes

The following table contains descriptions of added or changed functionality and changes in product behavior.

Table 1: Functional and Behavioral Changes

#	Description
1	We deprecated all Urban Mobility features in this release. If you were using Urban Mobility routing features, use <code>NMCoreRouter</code> with <code>NMATransportModePublicTransport</code> instead.
2	The Map Data Prefetcher feature is no longer in beta. For more information, see the <i>Offline Maps</i> section in the Developer's Guide.  Note: Starting with the next release, offline routing will require map data to be preloaded by downloading map packages or by prefetching map data using the map data prefetcher feature.

For added and improved functionality in previous releases, see the relevant chapters in these documents: <http://developer.here.com/documentation/versions#ios-hybrid-plus>

Resolved Issues

The following table summarizes major issues resolved in HERE iOS SDK.

Table 2: Resolved Issues

#	Description
1	Fixed an issue where dynamic penalties are not considered in a re-routing operation.

API Changes

Added

- `NMAMapView` `extendedZoomLevelsEnabled`
- `NMAMapPoiCategory` `EVChargingStation`
- `NMAMapPolyline` `enableShadow`
- `NMAMapPolyline` `shadowEnabled`
- `NMAMapPolyline` `shadowWidth`
- `NMAMapPolyline` `shadowColor`
- `NMAMapPolyline` `shadowShearFactor`
- `NMAMapPolyline` `shadowOffsetX`
- `NMAMapPolyline` `shadowOffsetY`
- `NMAMapPolyline` `shadowSizeIncrement`
- `NMAMapDataPrefetcher` `estimateMapDataSizeForBoundingBox:error:`
- `NMAMapDataPrefetcher` `estimateMapDataSizeForRoute:radius:error:`
- `NMAMapDataPrefetcherListener` `prefetcher:didEstimate:forRequestId:withSuccess:`
- `NMARoutingMode` `deviationDistanceToPedestrianReroute`
- `NMARoutingMode` `minimumDistanceBeforeFirstTurn`
- `NMARoutingMode` `NMATransportMode: NMATransportModeScooter`
- `NMAAutoSuggest` `url`
- `NMAVenue3dSpace` `iconUri`
- `NMAVenue3dMapLayer` `venueMapLayer:didCreateVenueController:venueController`
- `NMAVenue3dMapLayer` `venueUpdatesEnabled`
- `NMAVenue3dService` `venueServiceDidLoadVenues:venueService`
- `NMAVenue3dRouteManeuver` `naturalGuidanceBlacklist`
- `NMAVenue3dRouteManeuver` `addCategoryToNaturalGuidanceBlacklist`
- `NMAVenue3dRouteManeuver` `removeCategoryFromNaturalGuidanceBlacklist`

Deprecated

- All Urban Mobility classes
- `NMAMapLayerCategory` `NMAMapLayerCategoryLandParcel`
- `NMAVenue3dMapLayer` `venueZoomDelegate`
- `NMAVenue3dMapLayer` `addVenueZoomListener:listener`
- `NMAVenue3dMapLayer` `removeVenueZoomListener:listener`
- `NMAVenue3dMapLayer` `enableVenueZoom:enable`
- `NMAVenue3dMapLayer` `isVenueZoomEnabled`

Removed

- **Note:** APIs that have been deprecated for more than one year were removed in this release.

For API changes in previous releases, see the relevant chapters in these documents: [HERE iOS SDK - Premium Edition Release Notes](#)

Known Issues

- Maps that have a non-default `transformCenter` and a zoom level of 7 or lower may appear to flicker when the user uses a panning gesture.
- `NMACompositeView` - The camera view may become distorted when the device orientation switches repeatedly, or if the orientation is changed from its previous state before the app comes to the foreground.
- Online and offline Place search results may differ when both an explicit search center and an implicit viewport are sent.

Limitations and Workarounds

There are no known limitations and workarounds in this release.

Chapter 3

Package Information

Topics:

- [Release Content](#)
- [Package Description](#)
- [Getting Started](#)

This chapter contains information on the package delivery, the package contents, the dependencies and installation guide.

Release Content


Native APIs	Enabling native applications to leverage HERE functionality
Documentation	API Reference Documentation and Developer Guide
Sample Applications	Sample applications in Objective-C and Swift
Indoor Positioning Solution	Instructions to support HERE indoor positioning

Package Description

/sample-apps	Sample applications to be used with the Quick Start section in the Developer's Guide
/user-guide/HERE iOS SDK Premium Edition v3.8 Developer's Guide.pdf	HERE iOS SDK Developer's Guide
HERE iOS SDK Premium Edition v3.8 Release Notes.pdf	This document
README.md	Instructions for using HERE SDK through CocoaPods.
HERE-sdk.zip/HERE-SDK-Notices.html	Copyright and licensing text for the HERE iOS SDK. A copy of this text is also available in the Release Notes.
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framework/NMAKit.framework	HERE iOS SDK
framework/strip_sim.sh	Script for removing simulator architectures from the NMAKit library.
Indoor-Positioning-Solution/docs/Indoor Positioning v3.4 Installation Guide.pdf	Instructions on how to set up Indoor Positioning

Getting Started

Refer to the documentation under the `/user-guide` folder for details on how to quickly start evaluating the HERE iOS SDK.

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Appendix

Other Information

Topics:

- [System Requirements](#)
- [Copyright Information](#)

This appendix contains other information about the release such as release overview, technical specifications, dependencies, 3rd party copyright notices, release quality, and related documents.

System Requirements

- HERE SDK supports iOS 10 or above. iOS 11 is recommended for optimal operation.
- HERE iOS SDK is designed and tested for use with iOS phones and tablets. Supported devices are:
 - iPhone 5 or newer
 - iPad 3 or newer
 - iPad Mini 2 or newer
- 📄 **Note:** While the HERE iOS SDK supports both 32-bit and 64-bit devices, iOS 11 is 64-bit only, and only these devices are supported:
 - iPhone 5s or newer
 - iPad Air or newer, including iPad (2017) and iPad Pro
 - iPad Mini 2 or newer
- Apps should be developed using XCode 9 or above, running on macOS 10.12.6 or above.
- For the storage of application binaries, a minimum of 30MB should be made available per application.
- For the storage of map data, a minimum of ~100MB should be made available.
- Data connectivity (WiFi or Cellular) is required to download map data and ensure map data is updated when new versions are made available.

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Mesa 3-D graphics library
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=== libJSON 7.6.1 ===

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=== LZ4 r126 ===

LZ4 - Fast LZ compression algorithm

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=== malloc_count ===

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=== UTF8-cpp 2.3.4 ==

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=== Zlib 1.2.8 ==

zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.8, April 28th, 2013

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

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=== GSON 2.2.4 ===

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=== TinyObjLoader ===

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