



HERE iOS SDK

Release Notes

Starter Edition Version 3.9

Important Information

Notices

Topics:

This section contains document notices.

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

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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:

- This version of the SDK has been updated to work with iOS 12 and Xcode 10.
- 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](#)

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 - Starter Edition Release Notes](#)

New Features

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


HERE SDK 3.9

- This release fully supports iOS 12 and Xcode 10.
- The HERE SDK now supports Swift 4.2.

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	The HERE SDK now supports iOS 12.  Note: The HERE SDK is built using Xcode 10's new build system.
2	The API reference is no longer embedded in the Developer's Guide. It can be found in the release package as a separate set of HTML files.

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

Resolved Issues

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

No new resolved issues are included in this release.


Table 2: Resolved Issues

#	Description
1	Fixed <code>isValid</code> method of <code>NMAMapPolygon</code> object by considering self-intersection.

API Changes

No APIs were updated in this release.

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 - Starter Edition Release Notes](#)

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

Package Description

<code>/sample-apps</code>	Sample applications to be used with the Quick Start section in the Developer's Guide
<code>/user-guide/HERE iOS SDK Starter Edition v3.9 Developer's Guide.pdf</code>	HERE iOS SDK Developer's Guide
<code>HERE iOS SDK Starter Edition v3.9 Release Notes.pdf</code>	This document
<code>HERE-SDK-Notices.txt</code>	Copyright and licensing text for the HERE iOS SDK. A copy of this text is also available in the Release Notes.
<code>version.txt</code>	Version information about the HERE iOS SDK.
<code>framework/NMAKit.framework</code>	HERE iOS SDK
<code>framework/strip_sim.sh</code>	Script for removing simulator architectures from the NMAKit library.
<code>api_reference_jazzy_html_bundle_3.9.zip</code>	HERE iOS SDK API reference

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 11 or above. iOS 12 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 or newer 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 10 or above, running on macOS 10.13.6 or above.
- For the storage of application binaries, an additional 3.5MB for the HERE SDK libraries if bundled with the application should be taken into account.
- For the storage of map data, a minimum of ~32MB should be made available.
- Data connectivity (WiFi or Cellular) is required to download map data.

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* =====

* Utilities for constant-time cryptography.
*
* Author: Emilia Kasper (emilia@openssl.org)
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* ModExp / RSA (with/without KM) plugin API
*
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*
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