



HERE Android SDK

Release Notes

Starter Edition Version 3.10

Important Information

Notices

Topics:

This section contains document notices.

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

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Document Information

Product

Name: HERE Android SDK

Version: Starter Edition Version 3.10

Document

Name: HERE Android SDK Release Notes

ID: 76381e9e-5415-4aee-afe9-be87f16e7503

Status: FINAL

Date: 2018-Dec-17, 17:20 (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:

- According to changes in Android API 28 with deprecation of `android.app.Fragment` corresponding Mobile SDK API is marked as deprecated `com.here.android.mpa.mapping.MapFragment` and new API introduced `com.here.android.mpa.mapping.SupportMapFragment` instead. For more information see official Android documentation - [official Android documentation](#).

Chapter 2

Changes

Topics:

- [New Features](#)
- [Functional and Behavioral ...](#)
- [Resolved Issues](#)
- [API Changes](#)
- [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 Android SDK - Starter Edition Release Notes](#)

New Features

HERE SDK 3.10

- According to changes in Android API 28 with deprecation of `android.app.Fragment` corresponding Mobile SDK API is marked as deprecated `com.here.android.mpa.mapping.MapFragment` and new API introduced `com.here.android.mpa.mapping.SupportMapFragment` instead. For more information see official Android documentation - [official Android documentation](#).

Functional and Behavioral Changes

There are no functional or behavioral changes in this release.

For added and improved functionality in previous releases, see the relevant chapters in these documents: [HERE Android SDK - Starter Edition Developer's Guide](#)

Resolved Issues

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

Table 1: Resolved Issues

#	Description
1	Fixed crashes when using map without attaching to map view
2	Fixed issue with different languages on map
3	Fixed issue with custom raster tiles rendering when device orientation is changed

API Changes

Added

- `MapMarker(GeoCoordinate coordinate)`
- `SupportMapFragment`

Deprecated

- `MapFragment`

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

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 Application	Sample application project

Package Description

HERE Android SDK Starter Edition v3.10 Release Notes.pdf	This document
Here-sdk.zip	HERE Android SDK
HERE-sdk.zip/copyright.txt	Copyright and licensing text for the HERE Android SDK. A copy of this text is also available in the Release Notes.
HERE-sdk.zip/version.txt	Version information about the HERE Android SDK.
HERE-sdk.zip/libs	Native and Java libraries
HERE-sdk.zip/libs/docs/mapsdoc	API Reference documentation
HERE-sdk.zip/tutorial	Sample applications to be used with the Quick Start section in the Developer's Guide
HERE-sdk.zip/user-guide/HERE Android SDK Starter Edition v3.10 Developer's Guide.pdf	HERE Android SDK Developer's Guide

Getting Started

Refer to the documentation under the `HERE-sdk.zip/user-guide/` folder for details on how to start using the HERE Android SDK.

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 Android SDK is designed and tested with Android phones and tablets in mind. SDK performance will vary between devices, since it is primarily determined by CPU, GPU, and display resolution. Currently, Nexus 5 is a suitable reference for a device which delivers acceptable SDK performance. If your target device is not a phone or tablet, see [Service Support](#) to contact us for more details .

- Android 4.1.x "Jelly Bean" (API Level 16) or higher as the application Minimum API Level (`android:minSdkVersion`).
 - Apps should be developed using Android Studio 2.3.2 or above.
 - 32MB of memory (RAM) available for foreground applications.
 - For the storage of application binaries, an additional 1MB for the HERE SDK libraries, if bundled with the application, should be taken into account.
 - For storage of map data, a minimum of 3.5MB should be made available.
 - Data connectivity (WiFi or Cellular) is required to download map data.
- 📄 **Note:** HERE Android SDK does not support x86 Android and x86_64 devices. x86 and x86_64 emulators are supported. It is recommended that app testing is performed on ARM and ARM64 devices.

Copyright Information

- 📄 **Note:** Developers using the HERE Android SDK in their application projects must embed the following legal text from a user-accessible area of their application. This text is also available as a separate file in the HERE SDK package.

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* analytics-android 0.6.10  
*****
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