



HERE Android SDK

Release Notes

Starter Edition Version 3.4

Important Information

Notices

Topics:

This section contains document notices.

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

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Contents

Chapter 1: Overview	6
Highlights.....	7
Chapter 2: Changes	8
New Features.....	9
Functional and Behavioral Changes.....	9
Resolved Issues.....	9
API Changes.....	9
Limitations and Workarounds.....	10
Chapter 3: Package Information	11
Release Content.....	12
Package Description.....	12
Getting Started.....	12
Appendix : Other Information	13
System Requirements.....	14
Copyright Information.....	14

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 HERE Android SDK is now packaged as an Android archive (AAR) file.
- 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](#)
- [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

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

HERE SDK 3.4

- As of SDK release 3.4, the HERE Android SDK is packaged as an Android archive (AAR) file. If you are upgrading from a release older than v3.4, you should clean up old components before integrating the AAR version of the HERE SDK.

Functional and Behavioral Changes

There are no functional or behavioral changes in this release.

Table 1: Functional and Behavioral Changes

#	Description
1	The HERE SDK is now packaged as an .AAR file.

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 2: Resolved Issues

#	Issue	Solution
1	Creating a MapMarker with an invalid hue causes an unexpected behavior.	We have added a boundary check to ensure an invalid hue is not allowed when initializing map marker.
2	Under certain circumstances, users of Android 7.0 devices are unable to set the map language.	We have fixed a bug where the device's default language preference on Android 7.0 is not respected by the SDK.

API Changes

Added

- `GeoBoundingBox.getBoundingBoxContainingGeoCoordinates()`

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 Android SDK - Starter Edition Release Notes](#)

Limitations and Workarounds

There are no 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 / Code	One or more sample applications

Package Description

HERE Android SDK Starter Edition v3.4 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	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 v3.4 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 topics other than immediately regarding changes and issues in 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, contact us to discuss performance requirements.

- 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 and ensure map data is updated when new versions are made available.
- 📄 **Note:** HERE Android SDK does not support x86 Android devices or emulators. It is recommended that testing is performed on ARM-based 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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