



# HERE Android SDK

## Release Notes

Starter Edition Version 3.12

# Important Information

## Notices

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**Topics:**

This section contains document notices.

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

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## Document Information

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# Chapter 1

## Overview

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### 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

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

- Implemented possibility to set the map center before map engine initialization. Previously map was always launched in Berlin, and as a result additional unnecessary map data were requested

# Chapter 2

## Changes

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**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

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### HERE SDK 3.12

- Implemented possibility to set the map center before map engine initialization. Previously map was always launched in Berlin, and as a result additional unnecessary map data were requested

## Functional and Behavioral Changes

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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

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

**Table 1: Resolved Issues**

#	Description
1	Fixed issue with <code>getScaleFromZoomLevel</code> method always returning zero.

## API Changes

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### Added

- `ApplicationContext` class
- `MapEngine.init(ApplicationContext, OnEngineInitListener)`
- `SupportMapFragment.init(ApplicationContext, OnEngineInitListener)`

### Deprecated

- `MapEngine.init(Context, OnEngineInitListener)`
- `SupportMapFragment.init(Context, OnEngineInitListener)`

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

## Limitations and Workarounds

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There are no known limitations and workarounds in this release.

## Chapter 3

# Package Information

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### 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

<b>Native APIs</b>	Enabling native applications to leverage HERE functionality
<b>Documentation</b>	API Reference Documentation and Developer Guide
<b>Sample Application</b>	Sample application project

## Package Description

HERE Android SDK Starter Edition v3.12 Release Notes.pdf	This document
Here-sdk.zip	HERE Android SDK
copyright.txt	Copyright and licensing text for the HERE Android SDK. A copy of this text is also available in the Release Notes.
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 v3.12 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

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### 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.

- Minimum supported API Level is 16 which corresponds Android 4.1.x "Jelly Bean". (`android:minSdkVersion`)
- Apps should be developed using Android Studio 2.3.2 or above. Android Studio 3.4 is recommended for optimal operation.
- 32MB of memory (RAM) available for foreground applications
- A minimum of 10MB per application should be made available for storing HERE SDK libraries
- A minimum of 32MB should be made available for storing map data
- Data connectivity (Wi-Fi 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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