HERE Android SDK

Release Notes

Starter Edition Version 3.0.1

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Overview

The HERE Android SDK offers APIs to enable developers to access HERE location-based assets and bring a rich and immersive location experience to their applications with beautiful and accurate maps, a global database of Places and a world-class routing capability. The powerful client-side HERE APIs for Android include a sophisticated engine for rendering map data and route calculation. In addition to downloading map data dynamically as needed, it also supports offline maps through use of previously cached map data or previously downloaded map packages.

The scope of this document is to provide the release notes of the HERE Android SDK, with respect to a particular release version. It also includes the issues reported, open and solved within this release.

Target Audience

This document is targeted at the developers who are already familiar with Android app development. Readers should have some experience using Eclipse and Java.

Release Content

Native APIs	Enabling native applications to leverage HERE functionality
Hybrid Engine	Engine responsible for rendering vector map data
Documentation	API Reference Documentation and Developer Guide
Sample Applications / Code	One or more sample applications

Package Description

`HERE Android SDK Starter Edition v3.0.1 Release Notes.pdf`	This document
`Here-sdk.zip`	HERE Android SDK
`HERE-sdk.zip/apk/mapsdemo-ext-release.apk`	Reference maps application using 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 v3.0.1 Developer's Guide.pdf`	HERE Android SDK Developer's Guide

Features Overview

The main features offered by the HERE Android SDK are listed below:

Mapping:

- Dynamically download maps for more than 190 countries in over 50 languages
- Map styles: normal street map, satellite map, transit map, and more
- Touch gestures (including pan, flick, and pinch zoom)
- Overlay objects on the map such as polylines, polygons, icons, and routes
- Overlay custom raster tiles on the map (for example, to display heat maps)
- Ability to render raster tiles and map objects interleaved within different map layers

Search:

- Search through a broad set of geographical content, including 25 million streets, 200 million address points, and over 60 million categorized places across the globe
- Search for a specific place or explore by categories
- Get rich details for a Point of Interest (including images, ratings, reviews, and editorials)
- Perform Geocoding and Reverse Geocoding lookups

Directions:

- Get driving or pedestrian directions
- Specify preferred route type (fastest/shortest) and attributes to avoid (toll roads, motorways, parks, and more)
- Alternate routes

Getting Started

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

New Features

HERE SDK 3.0.1

- No features were added in this release.

API Changes, Fixed Issues, and Improvements

Version 3.0.1

- No changes were introduced in this release.

System Requirements

- Android Ice Cream Sandwich (Android 4.0/4.0.4, API Level 14) or higher as the application Minimum API Level (`android:minSdkVersion`).
- 32MB of memory (RAM) be made available for foreground applications using the HERE SDK
- For storage of application binaries, an additional 1MB for the HERE SDK libraries if bundled with the application should be taken into account
- Mass storage is required for persistent storage of map data. At a minimum, 3.5MB of free space is required to be available for map data

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