

Introduction / Topic

Comprehensive services for app development, testing, promotion, and monetization, supported by Huawei device capabilities, a far-reaching global platform, and abundant resources.

1. Register and get verified

Get started with HUAWEI Developers by registering for a HUAWEI ID and verifying your identity. You'll gain access to Huawei's open capabilities and integrated development tools, and benefit from app distribution on a global scale, through channels like AppGallery, HUAWEI Themes, and HUAWEI GameCenter.

2. Create your app

Create an app or project in AppGallery Connect and make full use of premium services like build, quality, and grow to develop high-level capabilities.

3. Integrate SDKs

Integrate a wealth of SDKs into your app to access open capabilities and services, assisted by professional technical support and tutorials.

4. Test your app

Depend on Cloud Testing to conduct automatic compatibility, stability, performance, power consumption, and security tests on Huawei devices, with detailed reports. Debug your app remotely on a wide selection of real devices via Cloud Debugging to detect and fix potential issues in advance, free from the hassle of catering to diverse device models and management challenges.

5. Release your app

Release your app in AppGallery Connect, and distribute it to Huawei's massive global user base, with the benefit of the identity verification and four-layer detection system, to ensure optimally secure app download and usage.

6. Implement refined operations

Pursue data-driven activity and user operations based on analytical reports in AppGallery Connect, to boost user engagement and growth.

Huawei Mobile Basic Cores

HUAWEI Health Kit

HUAWEI Health Kit (Health Kit for short) allows ecosystem apps to access fitness and health data of users based on their HUAWEI ID and authorization. For consumers, Health Kit provides a mechanism for fitness and health data storage and sharing based on flexible authorization. For developers and partners, Health Kit provides a data platform and fitness and health open capabilities, so that they can build related apps and services based on a multitude of data types. Health Kit connects the hardware devices and ecosystem apps to provide consumers with health care, workout guidance, and ultimate service experience.

Identity Kit

provides unified address management services for users, including adding, editing, deleting, and querying addresses, and enables the users to authorize apps to access their addresses through a single tap on the screen. That is, your app can obtain user addresses in a more convenient way.

By watching this video, you'll get an overview of Identity Kit, including its functions, open capabilities, and business value.

Location Kit

provides capabilities for you to obtain the precise user device location quickly, helping you build up global positioning capabilities and expand your global business. Currently, Location Kit offers two modes for accessing its capabilities.

Android: The Location SDK for Android offers location-related APIs for your Android apps. These APIs mainly related to four functions: fused location, activity identification, geofence, and high-precision location. This mode is applicable to mobile phones and Huawei tablets.

REST API: REST APIs of Location Kit enable you to initiate requests using HTTPS to call location-related capabilities, including geofence and GeoLocation (API). This mode is applicable to web clients.

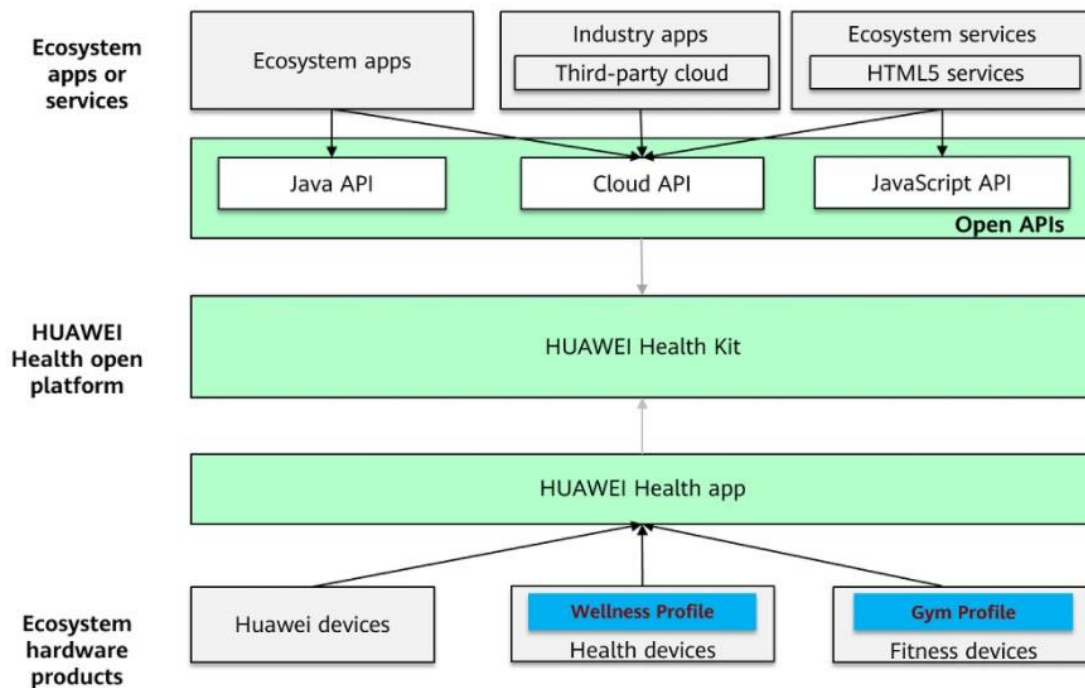
Summary of Topic

To bring digital to every person, home and organization for a fully connected, intelligent world. To drive ubiquitous connectivity and promote equal access to networks to lay the foundation for the intelligent world; provide the ultimate computing power to deliver ubiquitous cloud and intelligence; build powerful digital platforms to help all industries and organizations become more agile, efficient, and dynamic; redefine user experience with AI, offering consumers more personalized and intelligent experiences across all scenarios, including home, travel, office, entertainment, and fitness & health.

Recommendation

Nowadays, People are more quality concerned and their intention to buy quality product with a lower price but the matter of fact is that market become very competitive and other companies are offering quality product at a low cost as well. The customers are getting more options to buy their product. This is big threat. Huawei should bring some unique product qualities by product diversification or modification in order to rule in the market. Solving the big threat of cyber security would be kept in the mind for the next couple of year also.

Photo Screenshot



Device Type	Function	OS Version	HMS Core (APK) Version
Huawei phone and tablet	Fused location	EMUI 5.0 or later	This function can work without depending on HMS Core (APK). To use this function better, you are advised to install HMS Core (APK) 4.0.0 or later.
	Geofence	EMUI 8.0 or later	4.0.4 or later
	Activity identification	EMUI 9.0.0 or later (Huawei phones equipped with Kirin chips)	3.0.2 or later
	High-precision location	EMUI 10.1 or later	5.0.5 or later
Non-Huawei Android phones	Fused location	Android 5.1 or later (API level 22 or higher)	Not required