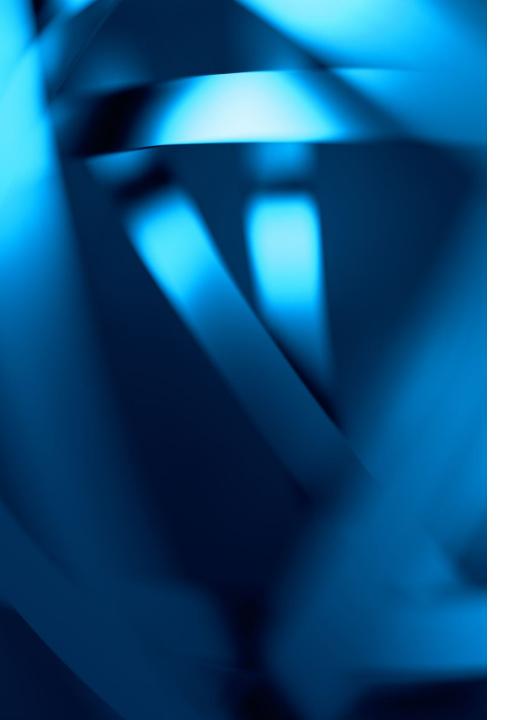


1. Universal development

Automatic UI adaptation for target devices

- Deploy applications on all devices by providing a UI layout, which is based on the screen shape of round, square, or band, so developers don't need to adapt repeatedly
- Flexibility of adaptation for a specific device
- It's an absolute coordinate layout based on the JS widget, relative layout will be supported in the future



2. Background services

Launch the JS application in the background without the user being aware of it

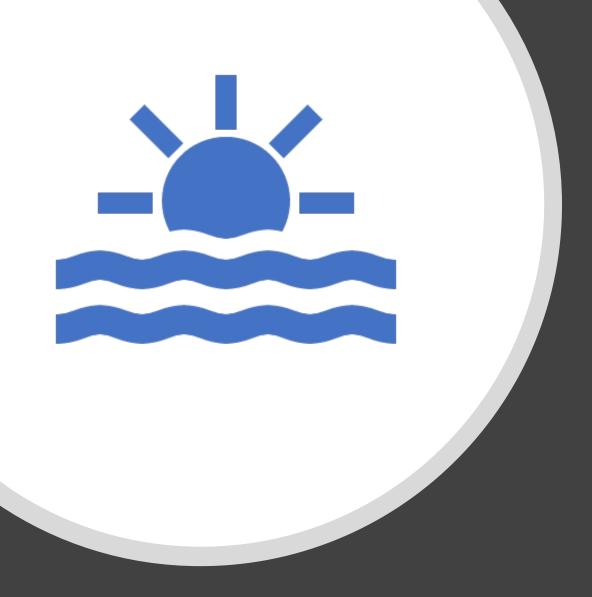
- Support background services, including resident background services and short-running services
- Short-running services are expected to run and quit in a short time. It will be terminated after expiring a specific duration
- The number of resident services is limited. End users can choose which service runs in the background.
- Alarms, system events, and other mechanisms can trigger 4 Short-running services.

3. Canvas

Develop UI freely

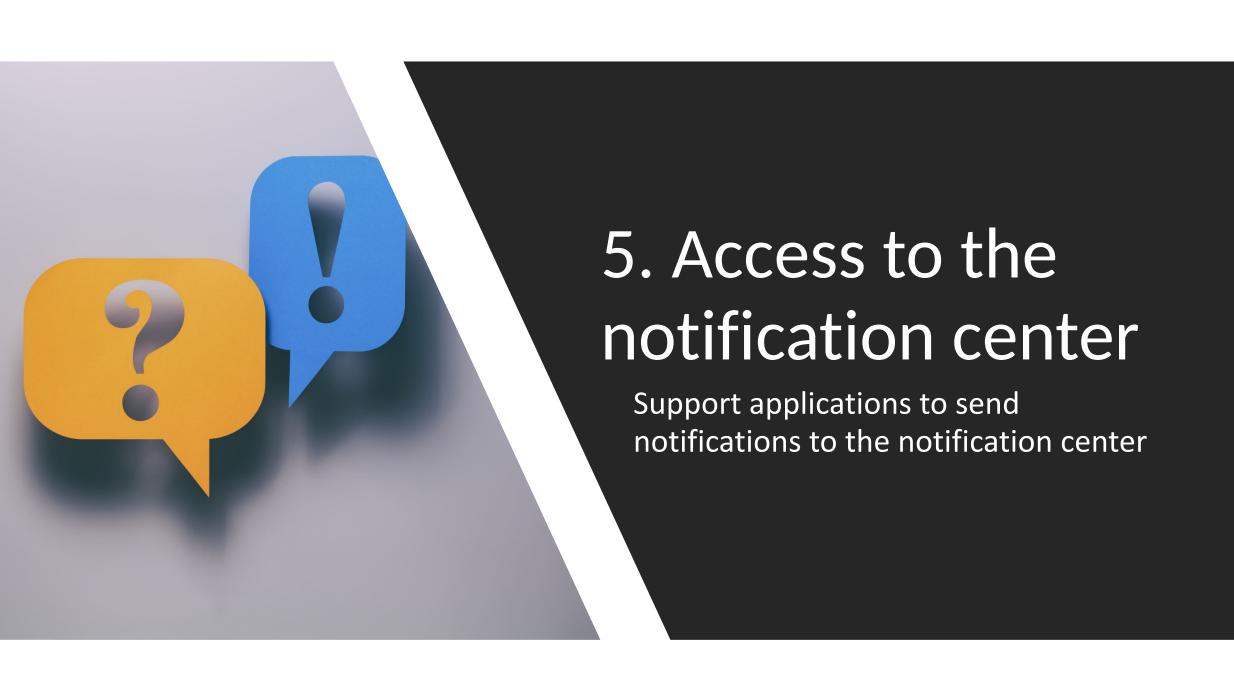
- 1. Provides drawing on a canvas where you can create UI
- 2. The number of canvas will be typically limited to 3





4. System event

 New feature to listen for health and system events through system monitoring. (Ex: abnormal heart rate, power saving mode status, sunrise, and sunset, etc.)



6. More data

Health data, accelerometer, gyroscope, compass

- More insight on health data such as sleep, blood oxygen, stress, etc.
- Support compass data query after system calibration
- Support 6-axis sensor data, including accelerometer and gyroscope raw data

7. Speaker and Microphone Access

Access to the watch's speaker and microphone

- 1. File-based music playback
- 2. Recording audio to file or buffer
- 3. Player support mp3, opus format



8. BLE master API

Connect the peripheral device to your application

- APIs for BLE master device scanning and connection
- User protocol based on profile
- Support for parsing Bluetooth advertising packets





Thank you

Speaker: Qin Li

• Slack v3.0 Preview Feedback (Private Channel): https://zeppcommunity.slack.com/archives/C04JXMWR2BF

• **GitHub v3.0 Preview:**https://github.com/zepp-health/zeppos-samples/tree/os3.0-preview/

Zepp OS v3.0 Preview Document:
https://docs-testing.zepp.com/zh-cn/docs/next/reference/app-json/