

# Coreaiot 信标 SDK Cordova 插件

☑ iOS

☑ Android

## 安装

```
cordova plugin add cordova-plugin-coreaiot-rtls-sensor --save
```

## 插件依赖

[cordova-support-kotlin](#)

```
cordova plugin add cordova-support-kotlin --save
```

## 使用方法

### Ble.start

定义

```
Ble.start(successCallback: () => void, failedCallback(errCode: number) => void)
```

示例

```
Ble.start(() => {  
    console.log('started');  
}, errCode => {  
    console.error('Failed to start,', errCode);  
});
```

## Ble.stop

### 定义

```
Ble.stop(successCallback: () => void, failedCallback(errCode: number) => void)
```

### 示例

```
Ble.stop(() => {  
    console.log('stopped');  
}, errCode => {  
    console.error('Failed to stop,', errCode);  
});
```

## Ble.setId

### 定义

```
Ble.setId(id: number, successCallback: () => void, failedCallback(errCode: number) =>  
void)
```

### 示例

```
Ble.setId(0, () => {  
    console.log('set id to 0');  
}, errCode => {  
    console.error('failed to set id', errCode);  
});
```

Id is a number from 0 to 0xffff.

## Ble.setCustomFlag (只支持 Android)

### 定义

```
Ble.setCustomFlag(customFlag: number, successCallback: () => void,  
failedCallback(errCode: number) => void)
```

## 示例

```
Ble.setCustomFlag(0, () => {
  console.log('set customFlag to 0');
}, errCode => {
  console.error('failed to set customFlag', errCode);
});
```

CustomFlag is a number from 0 to 127.

## Ble.setAlarm

### 定义

```
Ble.setAlarm(alarm: boolean, successCallback: () => void, failedCallback(errCode:
number) => void)
```

### 示例

```
Ble.setAlarm(true, () => {
  console.log('set alarm to true');
}, errCode => {
  console.error('failed to set alarm', errCode);
});
```

## Ble.setBattery

### 定义

```
Ble.setBattery(battery: number, successCallback: () => void, failedCallback(errCode:
number) => void)
```

### 示例

```
Ble.setBattery(0, () => {
  console.log('set battery to 0');
}, errCode => {
  console.error('failed to set battery', errCode);
});
```

Battery is a number from 0 to 10.

## Ble.setTxPowerLevel (只支持 Android)

### 定义

```
Ble.setTxPowerLevel(txPowerLevel: number, successCallback: () => void,
failedCallback(errCode: number) => void)
```

### 示例

```
Ble.setTxPowerLevel(0, () => {
  console.log('set txPowerLevel to 0');
}, errCode => {
  console.error('failed to set txPowerLevel', errCode);
});
```

TxPowerLevel

- 0: ADVERTISE\_TX\_POWER\_ULTRA\_LOW
- 1: ADVERTISE\_TX\_POWER\_LOW
- 2: ADVERTISE\_TX\_POWER\_MEDIUM
- 3: ADVERTISE\_TX\_POWER\_HIGH (default)

## Ble.setAdvertiseMode (只支持 Android)

### 定义

```
Ble.setAdvertiseMode(AdvertiseMode: number, successCallback: () => void,
failedCallback(errCode: number) => void)
```

## 示例

```
Ble.setAdvertiseMode(0, () => {  
  console.log('set advertiseMode to 0');  
}, errCode => {  
  console.error('failed to set advertiseMode', errCode);  
});
```

### AdvertiseMode

- 0: ADVERTISE\_MODE\_LOW\_POWER
- 1: ADVERTISE\_MODE\_BALANCED (default)
- 2: ADVERTISE\_MODE\_LOW\_LATENCY