

系统接口SDK API 说明 V1.1

System Interface SDK API Documentation V1.1

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一、SDK 概览

I. SDK Overview

系统接口 SDK 通过 `com.rscja.system.SystemInterfaceFactory` 类为您提供统一的接口管理入口，方便您快速调用各类系统功能。该类的核心作用如下：

The system interface SDK provides you with a unified interface management entry through the `com.rscja.system.SystemInterfaceFactory` class, making it convenient for you to quickly call various system functions. The core functions of this class are as follows:

1. 简单易用的单例设计

1. Simple and Easy-to-Use Singleton Design

您无需手动创建该类的实例，只需通过 `getInstance()` 方法即可获取全局唯一的管理对象，确保调用过程简单且资源高效。

You do not need to manually create an instance of this class. You can obtain the globally unique management object only through the `getInstance()` method, ensuring that the calling process is simple and resource-efficient.

2. 一站式获取各类系统接口

2. One-Stop Acquisition of Various System Interfaces

通过该类提供的方法，您可以直接获取以下常用系统功能接口，无需关注底层实现细节：

Through the methods provided by this class, you can directly obtain the following commonly used system function interfaces without paying attention to the underlying implementation details:

- 应用管理 (`AppManage`) ：用于管理设备上的应用程序相关操作；
- Application Management (`AppManage`): Used to manage operations related to applications on the device;
- 按键映射管理 (`KeyMappingManage`) ：用于配置设备按键与功能的映射关系；
- Key Mapping Management (`KeyMappingManage`): Used to configure the mapping relationship between device keys and functions;
- 设备管理 (`DeviceManage`) ：用于控制设备基础功能（例如前文提到的禁用 / 启用 ADB 等）；
- Device Management (`DeviceManage`): Used to control basic device functions (such as disabling / enabling ADB mentioned earlier, etc.);
- 显示配置 (`DisplayConfiguration`) ：用于调整设备的显示参数（如分辨率、亮度等）；
- Display Configuration (`DisplayConfiguration`): Used to adjust the device's display parameters (such as resolution, brightness, etc.);
- 时钟配置 (`ClockConfiguration`) ：用于设置设备的时钟、时区等时间相关功能。
- Clock Configuration (`ClockConfiguration`): Used to set time-related functions of the device such as clock and time zone.

3.使用示例

3.Usage Examples

// 示例1:禁用wifi

// Example 1:Disable Wi-Fi

```
DeviceManage deviceManage= SystemInterfaceFactory.getInstance().getDeviceManage(Context);

deviceManage.disableWifi(true);
```

// 示例2:设置屏幕亮度

// Example 2: Set screen brightness

DisplayConfiguration displayConfiguration= SystemInterfaceFactory.getInstance().getDisplayConfiguration(Context);

displayConfiguration.setBrightness(60);

/ 示例3: 设置按键映射（将左扫描键映射为F1）

// Example 3: Set key mapping (map left scan key to F1)

KeyMappingManage keyMappingManage= SystemInterfaceFactory.getInstance().getKeyMappingManage(Context)

keyMappingManage.sendKeyCode("LEFT_TRIGGER", "F1");

二、详细API说明

II.API Specification

1.DeviceManage

1.1 禁用/启用ADB

1.1 Disable/Enable ADB

项目 Item	说明 Description
原型 Prototype	void disableAdb(boolean disable)
描述 Description	禁用/启用ADB Disable/Enable ADB
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.2 禁用/启用切换应用键

1.2 Disable/Enable App Switch Key

项目 Item	说明 Description
原型 Prototype	void disableAppSwitchKey(boolean disable)
描述 Description	禁用/启用切换应用键 Disable/Enable App Switch Key

项目 Item	说明 Description
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.3 禁用/启用返回键

1.3 Disable/Enable Back Key

项目 Item	说明 Description
原型 Prototype	void disableBackKey(boolean disable)
描述 Description	禁用/启用返回键 Disable/Enable Back Key
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.4 禁用/启用蓝牙

1.4 Disable/Enable Bluetooth

项目 Item	说明 Description
原型 Prototype	void disableBluetooth(boolean disable)
描述 Description	禁用/启用蓝牙 Disable/Enable Bluetooth
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.5 禁用/启用相机

1.5 Disable/Enable Camera

项目 Item	说明 Description
原型 Prototype	void disableCamera(int type)
描述 Description	禁用/启用相机 Disable/Enable Camera
参数 Parameters	type:类型参数，具体含义需根据系统定义 0启用，1只禁用后摄，2只禁用前摄，3禁用所有摄像头 type: type parameter, specific meaning depends on system definition. 0: enable, 1: disable only rear camera, 2: disable only front camera, 3: disable all cameras
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_A Android 12:只有禁用/启用所有摄像头有效 PDA_A Android 12: Only when all cameras are disabled/enabled will it be effective PDA_C Android 10:只有禁用/启用所有摄像头有效 PDA_C Android 10: Only when all cameras are disabled/enabled will it be effective PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_L Android 13启用和禁用所有摄像头有效 PDA_L Android 13 is effective in enabling and disabling all cameras PDA_M Android 14启用和禁用所有摄像头有效 PDA_M Android 14 is effective in enabling and disabling all cameras PDA_N Android 11不支持 PDA_N does not support Android 11

1.6 禁用/启用拨号功能

1.6 Disable/Enable Dial

项目 Item	说明 Description
原型 Prototype	void disableDial(boolean disable)
描述 Description	禁用/启用拨号功能 Disable/Enable Dial
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 13不支持 PDA_G does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_I Android 13不支持 PDA_I does not support Android 13 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_L Android 13不支持 PDA_L does not support Android 13 PDA_N Android 11不支持 PDA_N does not support Android 11

1.7 禁用/启用回车键

1.7 Disable/Enable Enter Key

项目 Item	说明 Description
原型 Prototype	void disableEnterKey(boolean disable)
描述 Description	禁用/启用回车键 Disable/Enable Enter Key
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_A Android 14不支持 PDA_A does not support Android 14 PDA_A Android 12不支持 PDA_A does not support Android 12 PDA_B Android 14不支持 PDA_B does not support Android 14 PDA_C Android 14不支持 PDA_C does not support Android 14 PDA_C Android 10不支持 PDA_C does not support Android 10 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 13不支持 PDA_G does not support Android 13 PDA_G Android 13不支持 PDA_G does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_I Android 13不支持 PDA_I does not support Android 13 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_L Android 13不支持 PDA_L does not support Android 13 PDA_M Android 14不支持 PDA_M does not support Android 14 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_O Android 12不支持 PDA_O does not support Android 12 PDA_P Android 14不支持 PDA_P does not support Android 14 PDA_J Android 13不支持 PDA_J does not support Android 13

1.8 禁用/启用GPS

1.8 Disable/Enable GPS

项目 Item	说明 Description
原型 Prototype	void disableGps(boolean disable)

项目 Item	说明 Description
描述 Description	禁用/启用GPS Disable/Enable GPS
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.9 禁用/启用主页键

1.9 Disable/Enable Home Key

项目 Item	说明 Description
原型 Prototype	void disableHomeKey(boolean disable)
描述 Description	禁用/启用主页键 Disable/Enable Home Key
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.10 禁用/启用菜单键

1.10 Disable/Enable Menu Key

项目 Item	说明 Description
原型 Prototype	void disableMenuKey(boolean disable)
描述 Description	禁用/启用菜单键 Disable/Enable Menu Key
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void
备注 Remark	不支持 This function is not supported

1.11 禁用/启用移动数据

1.11 Disable/Enable Mobile Data

项目 Item	说明 Description
原型 Prototype	void disableMobileData(boolean disable)
描述 Description	禁用/启用移动数据 Disable/Enable Mobile Data
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable

项目 Item	说明 Description
返回 Return	PDA_B Android 14不支持 PDA_B does not support Android 14 PDA_C Android 14不支持 PDA_C does not support Android 14 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_I Android 13不支持 PDA_I does not support Android 13 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_M Android 14不支持 PDA_M does not support Android 14 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_P Android 14不支持 PDA_P does not support Android 14

1.12 禁用/启用NFC

1.12 Disable/Enable NFC

项目 Item	说明 Description
原型 Prototype	void disableNfc(boolean disable)
描述 Description	禁用/启用NFC Disable/Enable NFC
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.13 禁用/启用设置键

1.13 Disable/Enable Setting Key

项目 Item	说明 Description
原型 Prototype	void disableSettingKey(boolean disable)
描述 Description	禁用/启用设置键 Disable/Enable Setting Key
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void
备注 Remark	PDA_C Android 10不支持 PDA_C does not support Android 10 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.14 禁用/启用短信功能

1.14 Disable/Enable SMS

项目 Item	说明 Description
原型 Prototype	void disableSms(boolean disable)
描述 Description	禁用/启用短信功能 Disable/Enable SMS
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_C Android 10不支持 PDA_C does not support Android 10 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 13不支持 PDA_G does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_I Android 13不支持 PDA_I does not support Android 13 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 13不支持 PDA_K does not support Android 13 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_L Android 13不支持 PDA_L does not support Android 13 PDA_N Android 11不支持 PDA_N does not support Android 11

1.15 禁用/启用软键盘

1.15 Disable/Enable Soft Keyboard

项目 Item	说明 Description
原型 Prototype	void disableSoftKeyboard(boolean disable)
描述 Description	禁用/启用软键盘 Disable/Enable Soft Keyboard
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable

项目 Item	说明 Description
返回 Return	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.16 禁用/启用状态栏

1.16 Disable/Enable Status Bar

项目 Item	说明 Description
原型 Prototype	void disableStatusBar(boolean disable)
描述 Description	禁用/启用状态栏 Disable/Enable Status Bar
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.17 禁用/启用系统通知

1.17 Disable/Enable System Notification

项目 Item	说明 Description
原型 Prototype	void disableSystemNotification(boolean disable)

项目 Item	说明 Description
描述 Description	禁用/启用系统通知 Disable/Enable System Notification
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.18 禁用/启用USB数据传输

1.18 Disable/Enable USB Data

项目 Item	说明 Description
原型 Prototype	void disableUsbData(boolean disable)
描述 Description	禁用/启用USB数据传输 Disable/Enable USB Data Transfer
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_C(Android 10)不支持此功能 PDA_C (Android 10) do not support this function PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.19 禁用/启用WiFi

1.19 Disable/Enable WiFi

项目 Item	说明 Description
原型 Prototype	void disableWifi(boolean disable)
描述 Description	禁用/启用WiFi Disable/Enable WiFi
参数 Parameters	Disable:true:禁用 false:启用 Disable:true:Disable false:Enable
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_O Android 12不支持 PDA_O does not support Android 12

1.20 启用/禁用扫描键唤醒

1.20 Enable/Disable Scan Key Wakeup

项目 Item	说明 Description
原型 Prototype	void enableScanKeyWakeup(boolean enable)
描述 Description	启用/禁用扫描键唤醒 Enable/Disable Scan Key Wakeup
参数 Parameters	enable:true:启用 false:禁用 enable:true:Enable false:Disable
返回 Return	void
备注 Remark	PDA_A Android 14不支持 PDA_A does not support Android 14 PDA_A Android 12不支持 PDA_A does not support Android 12 PDA_C Android 14不支持 PDA_C does not support Android 14 PDA_C Android 10不支持 PDA_C does not support Android 10 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_L Android 13不支持 PDA_L does not support Android 13 PDA_M Android 14不支持 PDA_M does not support Android 14 PDA_N Android 13不支持 PDA_N does not support Android 13 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_J Android 13不支持 PDA_J does not support Android 13

1.21 隐藏/显示导航栏

1.21 Hide/Show Navigation Bar

项目 Item	说明 Description
原型 Prototype	void hideNavigationBar(boolean hide)
描述 Description	隐藏/显示导航栏 Hide/Show Navigation Bar
参数 Parameters	hide:true:隐藏 false:显示 hide:true:Hide false:Show
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_L Android 13不支持 PDA_L does not support Android 13 PDA_N Android 11不支持 PDA_N does not support Android 11

1.22 限制/解除限制系统设置

1.22 Restrict/Unrestrict System Settings

项目 Item	说明 Description
原型 Prototype	void restrictSystemSettings(boolean restrict)
描述 Description	限制/解除限制系统设置 Restrict/Unrestrict System Settings
参数 Parameters	restrict:true:限制 false:解除限制 restrict:true:Restrict false:Unrestrict
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.23 设置安卓属性

1.23 Set Android Property

项目 Item	说明 Description
原型 Prototype	void setAndroidProperty(String key, String value)
描述 Description	设置安卓属性 Set Android Property
参数 Parameters	key:属性键 key:Property Key value:属性值 value:Property Value
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 13不支持 PDA_N does not support Android 13 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_O Android 12不支持 PDA_O does not support Android 12 PDA_P Android 14不支持 PDA_P does not support Android 14

1.24 设置安卓参数

1.24 Set Android Setting

项目 Item	说明 Description
原型 Prototype	void setAndroidSetting(int type, String key, String value)
描述 Description	设置安卓参数 Set Android Setting
参数 Parameters	type:类型参数 type:Type Parameter key:设置键 key:Setting Key value:设置值 value:Setting Value
返回 Return	void

项目 Item	说明 Description
备注 Remark	具体参数键、值可以通过 adb shell settings list global、adb shell settings list system、adb shell settings list secure 查看。 The specific parameter keys and values can be viewed via adb shell settings list global, adb shell settings list system, and adb shell settings list secure. PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 13不支持 PDA_N does not support Android 13 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_O Android 12不支持 PDA_O does not support Android 12

1.25 设置品牌名称

1.25 Set Brand Name

项目 Item	说明 Description
原型 Prototype	void setBrand(String name)
描述 Description	设置品牌名称 Set Brand Name
参数 Parameters	name:品牌名称 name:Brand Name
返回 Return	void
备注 Remark	不支持 This function is not supported

1.26 设置制造商名称

1.26 Set Manufacturer

项目 Item	说明 Description
原型 Prototype	void setManufacture(String name)
描述 Description	设置制造商名称 Set Manufacturer
参数 Parameters	name:制造商名称 name:Manufacturer Name
返回 Return	void
备注 Remark	不支持 This function is not supported

1.27 设置型号名称

1.27 Set Model

项目 Item	说明 Description
原型 Prototype	void setModel(String name)
描述 Description	设置型号名称 Set Model
参数 Parameters	name:型号名称 Model Name
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 13不支持 PDA_G does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_O Android 12不支持 PDA_O does not support Android 12 PDA_P Android 14不支持 PDA_P does not support Android 14 PDA_J Android 13不支持 PDA_J does not support Android 13

1.28 设置通知白名单

1.28 Set Notification White List

项目 Item	说明 Description
原型 Prototype	void setNotificationWhiteList(String packageList)
描述 Description	设置通知白名单 Set Notification White List
参数 Parameters	packageList:包名列表，不同包名以逗号隔开 Package List, different packages separated by commas

项目 Item	说明 Description
返回 Return	PDA_C Android 10不支持 PDA_C does not support Android 10 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.29 恢复出厂设置

1.29 Factory Reset

项目 Item	说明 Description
原型 Prototype	int factoryReset()
描述 Description	恢复出厂设置 Factory Reset
参数 Parameters	无 N/A
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

1.30 重启

1.30 Reboot

项目 Item	说明 Description
原型 Prototype	int reboot()
描述 Description	重启 Reboot
参数 Parameters	无 N/A
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_I Android 13不支持 PDA_I does not support Android 13 PDA_N Android 11不支持 PDA_N does not support Android 11

1.31 设置指定类型的音量

1.31 Set Volume for Specified Type

项目 Item	说明 Description
原型 Prototype	int setVolume(int type, int volume)
描述 Description	设置指定类型的音量 Set Volume for Specified Type
参数 Parameters	type:音量类型：0-媒体音量，1-通话音量，2-铃声音量，3-闹钟音量 type:Volume Type：0-Media Volume，1-Call Volume，2-Ringtone Volume，3-Alarm Volume volume:音量大小,媒体音量:0-15，通话音量:1-7，铃声音量:0-15，闹钟音量:1-15 volume:Volume Level,Media Volume:0-15， Call Volume:1-7， Ringtone Volume:0-15， Alarm Volume:1-15
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_A Android 14通话音量：1-5，铃声音量：0-7，闹钟音量：0-15 PDA_A Android 14 Call Volume：1-5，Ringtone Volume：0-7，Alarm Volume：0-15 PDA_A Android 12通话音量：1-5，铃声音量：0-7，闹钟音量：0-15 PDA_A Android 12 Call Volume：1-5，Ringtone Volume：0-7，Alarm Volume：0-15 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_G Android13：通话音量：1-5，铃声音量：1-6，闹钟音量：1-7 PDA_G Android13：Call Volume：1-5，Ringtone Volume：1-6，Alarm Volume：1-7 PDA_I Android13：通话音量：1-5，铃声音量：1-6，闹钟音量：1-7 PDA_I Android13：Call Volume：1-5，Ringtone Volume：1-6，Alarm Volume：1-7 PDA_J Android 11设置媒体音量无效 Setting the media volume for PDA_J Android 11 is invalid PDA_J Android11：通话音量：1-5，铃声音量：1-6，闹钟音量：1-7 PDA_J Android11：Call Volume：1-5，Ringtone Volume：0-7，Alarm Volume：1-7 PDA_K Android 11设置媒体音量无效 Setting the media volume for PDA_K Android 11 is invalid PDA_K Android11：通话音量：1-5，铃声音量：1-6，闹钟音量：1-7 PDA_K Android11：Call Volume：1-5，Ringtone Volume：0-7，Alarm Volume：1-7 PDA_N Android 13设置通话音量无效 Setting the media volume for PDA_N Android 13 is invalid PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_P Android 14设置通话音量无效 Setting the media volume for PDA_P Android 14 is invalid

1.32 获取设备信息

1.32 Get Device Info

原型 Prototype	DeviceInfo getDeviceInfo()
描述 Description	获取设备的详细信息，返回包含序列号、IMEI、MAC地址等信息的设备信息对象 Retrieves detailed device information, returning a device info object containing serial number, IMEI, MAC addresses, etc.
参数 Parameters	无 None
返回 Return	DeviceInfo：设备信息对象，包含设备的硬件标识信息 DeviceInfo: Device information object containing hardware identification details

备注 Remark	蓝牙Mac地址获取不到，请检查设备蓝牙是否打开，如未打开，请打开之后重启设备再次尝试获取。 The Bluetooth Mac address cannot be obtained. Please check if the Bluetooth of the device is turned on. If not, please turn it on and restart the device to try obtaining it again. PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

DeviceInfo Class

用于封装设备的核心标识信息，通过 `getDeviceInfo()` 方法获取其实例。
Used to encapsulate core identification information of the device, with instances obtained via the `getDeviceInfo()` method.

方法 Method	类型 Type	描述 Description
getSn()	String	获取序列号 Gets the serial number
getImei()	String	获取主IMEI Gets the primary IMEI
getImei2()	String	获取副IMEI Gets the secondary IMEI
getBluetoothMac()	String	获取蓝牙MAC地址 Gets the Bluetooth MAC address
getWifiMac()	String	获取WiFi MAC地址 Gets the WiFi MAC address

2.AppManage

2.1 清除应用数据

2.1 Clear Application Data

项目 Item	说明 Description
原型 Prototype	<code>void clearAppData(String packageName);</code>
描述 Description	清除应用数据 Clear Application Data

项目 Item	说明 Description
参数 Parameters	packageName:应用包名 packageName:Application Package Name
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.2 清除最近应用列表

2.2 Clear Recent App List

项目 Item	说明 Description
原型 Prototype	void clearRecentAppList();
描述 Description	清除最近应用列表 Clear Recent App List
参数 Parameters	无 N/A
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.3 清除最近应用列表，除了指定应用

2.3 Clear Recent App List Except

项目 Item	说明 Description
原型 Prototype	void clearRecentAppListExcept(String packageName);

项目 Item	说明 Description
描述 Description	清除最近应用列表，除了指定应用 Clear Recent App List, preserving specified apps
参数 Parameters	packageName:要保留的应用包名 packageName:Application Package Name to retain
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.4 停用应用

2.4 Disable Application

项目 Item	说明 Description
原型 Prototype	void disableApp(String packageName);
描述 Description	停用应用 Disable Application
参数 Parameters	packageName:应用包名 packageName:Application Package Name
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.5 启用应用

2.5 Enable Application

项目 Item	说明 Description
原型 Prototype	void enableApp(String packageName);

项目 Item	说明 Description
描述 Description	启用应用 Enable Application
参数 Parameters	packageName:应用包名 packageName:Application Package Name
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.6 启用/停用应用

2.6 Enable/Disable Application

项目 Item	说明 Description
原型 Prototype	void enableDisableApp(String packageName, boolean enable);
描述 Description	启用/停用应用 Enable/Disable Application
参数 Parameters	packageName:应用包名 packageName:Application Package Name enable:true:启用 false:停用 enable:true:Enable false:Disable
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.7 安装应用包

2.7 Install Application Package

项目 Item	说明 Description
原型 Prototype	void installPackage(String apkFileName);

项目 Item	说明 Description
描述 Description	安装应用包 Install Application Package
参数 Parameters	apkFileName:APK文件路径 apkFileName:APK File Path
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.8 启动应用

2.8 Launch Application

项目 Item	说明 Description
原型 Prototype	void launchApplication(String appName);
描述 Description	启动应用 Launch Application
参数 Parameters	appName:应用名称 appName:Application Name
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.9 设置应用权限

2.9 Set Application Permission

项目 Item	说明 Description
原型 Prototype	void setAppPermission(int action, String permission, String packageName);
描述 Description	设置应用权限 Set Application Permission
参数 Parameters	action:操作类型: 1允许, 3重置为默认 action:Action Type: 1 Allow, 3 Reset to Default permission:权限名称 permission:Permission Name packageName:应用包名 packageName:Application Package Name
返回 Return	void
备注 Remark	PDA_C Android 10不支持 PDA_C does not support Android 10 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.10 设置开机自启动应用

2.10 Set Auto Launch App

项目 Item	说明 Description
原型 Prototype	void setAutoLaunchApps(String app);
描述 Description	设置开机自启动应用 Set Auto Launch App
参数 Parameters	app:应用包名, 包名为空字符串表示清除应用 app:Application Package Name, an empty string indicates clearing the application
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.11 设置默认桌面应用

2.11 Set Default Home App

项目 Item	说明 Description
原型 Prototype	void setDefaultHomeApp(String packageName);
描述 Description	设置默认桌面应用 Set Default Home App
参数 Parameters	packageName:应用包名 packageName:Application Package Name
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.12 设置设备所有者

2.12 Set Device Owner

项目 Item	说明 Description
原型 Prototype	void setDeviceOwner(int action, String packageName);
描述 Description	设置设备所有者 Set Device Owner

项目 Item	说明 Description
参数 Parameters	action:操作类型: 1设置, 2取消 action:Action Type: 1 Set, 2 Cancel packageName:应用包名 packageName:Application Package Name
返回 Return	void
备注 Remark	PDA_C Android 10不支持 PDA_C does not support Android 10 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_O Android 12不支持 PDA_O does not support Android 12

2.13 卸载应用包

2.13 Uninstall Application Package

项目 Item	说明 Description
原型 Prototype	void uninstallPackage(String packageName);
描述 Description	卸载应用包 Uninstall Application Package
参数 Parameters	packageName:应用包名 packageName:Application Package Name
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

2.14 设置应用安装黑白名单

2.14 Set App Install Filter List

项目 Item	说明 Description
原型 Prototype	void setAppInstallFilterList(int mode, String appList);
描述 Description	设置应用安装黑白名单 Set App Install Filter List
参数 Parameters	mode: 0:禁用过滤功能 1:黑名单 2:白名单 mode: 0:Disable Filter Function 1:Blacklist 2:Whitelist appList: 过滤应用的包名列表, 多个包名以,隔开 appList: List of package names to filter, multiple package names separated by commas
返回 Return	void

3.ClockConfiguration

3.1 设置自动时间

3.1 Set Auto Time

项目 Item	说明 Description
原型 Prototype	void setAutoTime(boolean autoTime)
描述 Description	设置自动时间 Set Auto Time
参数 Parameters	autoTime:true:启用自动时间 false:禁用自动时间 autoTime:true:Enable Auto Time, false:Disable Auto Time
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 13不支持 PDA_N does not support Android 13 PDA_N Android 11不支持 PDA_N does not support Android 11

3.2 设置自动时区

3.2 Set Auto Time Zone

项目 Item	说明 Description
原型 Prototype	void setAutoTimeZone(boolean autoTimeZone)
描述 Description	设置自动时区 Set Auto Time Zone
参数 Parameters	autoTimeZone:true:启用自动时区 false:禁用自动时区 autoTimeZone:true:Enable Auto Time Zone, false:Disable Auto Time Zone
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 13不支持 PDA_N does not support Android 13 PDA_N Android 11不支持 PDA_N does not support Android 11

3.3 设置日期

3.3 Set Date

项目 Item	说明 Description
原型 Prototype	void setDate(String date)
描述 Description	设置日期 Set Date
参数 Parameters	date:日期字符串，格式如"yyyy-MM-dd" date:Date String, format: "yyyy-MM-dd"
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_P Android 14不支持 PDA_P does not support Android 14

3.4 设置NTP服务器

3.4 Set NTP Server

项目 Item	说明 Description
原型 Prototype	void setNtpServer(String server)
描述 Description	设置NTP服务器 Set NTP Server
参数 Parameters	server:NTP服务器地址 server:NTP Server Address
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 13不支持 PDA_G does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_H Android 13不支持 PDA_H does not support Android 13 PDA_I Android 13不支持 PDA_I does not support Android 13 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_M Android 14不支持 PDA_M does not support Android 14 PDA_N Android 11不支持 PDA_N does not support Android 11

3.5 设置NTP同步间隔

3.5 Set NTP Sync Interval

项目 Item	说明 Description
原型 Prototype	void setNtpSyncInterval(int interval)
描述 Description	设置NTP同步间隔 Set NTP Sync Interval
参数 Parameters	interval:同步间隔(秒) interval:Sync Interval, in seconds
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_A Android 14不支持 PDA_A does not support Android 14 PDA_A Android 12不支持 PDA_A does not support Android 12 PDA_C Android 14不支持 PDA_C does not support Android 14 PDA_C Android 10不支持 PDA_C does not support Android 10 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_D Android 13不支持 PDA_D does not support Android 13 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_H Android 13不支持 PDA_H does not support Android 13 PDA_I Android 13不支持 PDA_I does not support Android 13 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_L Android 13不支持 PDA_L does not support Android 13 PDA_M Android 14不支持 PDA_M does not support Android 14 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_J Android 13不支持 PDA_J does not support Android 13

3.6 设置时间

3.6 Set Time

项目 Item	说明 Description
原型 Prototype	void setTime(String time)
描述 Description	设置时间 Set Time
参数 Parameters	time:时间字符串，格式如"HH:mm:ss" time:Time String, format: "HH:mm:ss"

项目 Item	说明 Description
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_P Android 14不支持 PDA_P does not support Android 14

3.7 设置时间样式

3.7 Set Time Format

项目 Item	说明 Description
原型 Prototype	void setTimeFormat(String format)
描述 Description	设置时间样式 Set Time Format
参数 Parameters	format:时间格式, 'auto' 自动, '12' 12 小时制, '24' 24 小时制 format:'auto' for automatic, '12' for 12-hour format, '24' for 24-hour format
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_K Android 13不支持 PDA_K does not support Android 13 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 13不支持 PDA_N does not support Android 13 PDA_N Android 11不支持 PDA_N does not support Android 11 PDA_O Android 12不支持 PDA_O does not support Android 12 PDA_P Android 14不支持 PDA_P does not support Android 14

3.8 设置时区

3.8 Set Time Zone

项目 Item	说明 Description
原型 Prototype	void setTimeZone(String timeZone)
描述 Description	设置时区 Set Time Zone
参数 Parameters	timeZone:时区标识符，如"Asia/Shanghai" timeZone:Time Zone Identifier, e.g."Asia/Shanghai"
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

4.DisplayConfiguration

4.1 设置亮度

4.1 Set Brightness

项目 Item	说明 Description
原型 Prototype	void setBrightness(int brightness)
描述 Description	设置亮度 Set Brightness
参数 Parameters	brightness:亮度值 brightness:Brightness Value
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_C Android 10不支持 PDA_C does not support Android 10 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

4.2 设置自动亮度

4.2 Set Auto Brightness

项目 Item	说明 Description
原型 Prototype	void setBrightnessMode(int mode)
描述 Description	设置自动亮度 Set Auto Brightness
参数 Parameters	mode:亮度模式 (0:手动 1:自动) mode: Brightness Mode (0:Manual 1:Auto)
返回 Return	void
备注 Remark	PDA_A Android 12 不支持 PDA_A does not support Android 12 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

4.3 设置全局元素大小

4.3 Set Display Size

项目 Item	说明 Description
原型 Prototype	void setDisplaySize(String displaySize)
描述 Description	设置全局元素大小 Set Display Size
参数 Parameters	displaySize:显示尺寸参数 displaySize:Display Size Parameter
返回 Return	void
备注 Remark	PDA_C Android 10不支持 PDA_C does not support Android 10 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13全局元素大小设置为大不生效 Setting the global element size to large in PDA_E Android13 does not take effect PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

4.4 设置字体大小

4.4 Set Font Scale

项目 Item	说明 Description
原型 Prototype	void setFontScale(String fontScale)
描述 Description	设置字体大小 Set Font Scale
参数 Parameters	fontScale:字体缩放比例 fontScale:Font Scale
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

4.5 设置屏幕锁屏方式

4.5 Set Screen Lock

项目 Item	说明 Description
原型 Prototype	void setScreenLock(int type, String param)
描述 Description	设置屏幕锁屏方式 Set Screen Lock
参数 Parameters	type: 锁屏类型, 0:无、1:滑动、2:图案、3:PIN 码、4:密码 type: Screen Lock Type, 0: None 1: Swipe 2: Pattern 3: PIN 4: Password param: 锁屏参数 param: Screen Lock Parameter 类型 0 或 1: 无需传入参数或传空值即可 Type 0 or 1: No need to pass a parameter, or just pass an empty value 类型 2: 图案对应的数字序列, 长度为 4 - 9 字节, 字符串取值范围为 1 - 9 , 需注意序列合法性: 1) 每个数字仅能使用一次 2) 不能跳过未使用数字 Type 2: Numerical sequence for the pattern, with a length of 4 - 9 bytes. The string value range is 1 - 9. Note the sequence validity: 1) Each number can only be used once 2) Unused numbers cannot be skipped 类型 3: PIN 码, 长度为 4 - 16 字节, 字符串取值范围为 0 - 9 Type 3: PIN code, with a length of 4 - 16 bytes. The string value range is 0 - 9 类型 4: 密码, 长度为 4 - 16 字节, 字符串由普通 ASCII 码字符组成 Type 4: Password, with a length of 4 - 16 bytes, consisting of standard ASCII characters
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_C Android 10不支持 PDA_C does not support Android 10 PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

4.6 设置屏幕超时时间

4.6 Set Screen Timeout

项目 Item	说明 Description
原型 Prototype	void setScreenTimeout(int timeout)
描述 Description	设置屏幕超时时间 Set Screen Timeout
参数 Parameters	timeout:超时时间(秒), 0代表永不 timeout:Timeout, in seconds (0 means never)
返回 Return	void
备注 Remark	PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

5.KeyMappingManage

按键映射管理类，用于配置设备按键与功能的映射关系。

Key mapping management class, used to configure the mapping relationship between device keys and functions.

5.1 清除所有按键映射

5.1 Clear Key Mapping

项目 Item	说明 Description
原型 Prototype	void clearKeyMapping()
描述 Description	清除所有按键映射的功能，包括发送按键、启动应用和启动 Activity Clear all key mapping functions, including sending keys, launching applications and starting Activities
参数 Parameters	无 N/A
返回 Return	void
备注 Remark	PDA_A(Android 12)、PDA_C(Android 10)不支持此功能 PDA_A(Android 12) and PDA_C (Android 10) do not support this function PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

5.2 设置一键加载应用

5.2 Set One-Key Load Application

项目 Item	说明 Description
原型 Prototype	void launchApplication(String mapKey , String appName)
描述 Description	设置一键加载应用 Set one-key load application

项目 Item	说明 Description
参数 Parameters	mapKey:映射键值,取值范围 mapKey:Mapping Key,Value range appName:应用名称 appName:Application Name
返回 Return	void
备注 Remark	PDA_A(Android 12)、PDA_C(Android 10)不支持此功能 PDA_A(Android 12) and PDA_C (Android 10) do not support this function PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

5.3 设置按键映射

5.3 Set Key Mapping

项目 Item	说明 Description
原型 Prototype	void sendKeyCode(String mapKey, String targetKey)
描述 Description	设置按键映射 Set key mapping
参数 Parameters	mapKey:原按键值,取值范围 mapKey:Original key,Value range targetKey:目标键值,取值范围 targetKey:Target Key,Value range
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_A(Android 12)、PDA_C(Android 10)不支持此功能 PDA_A(Android 12) and PDA_C (Android 10) do not support this function PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_F Android 13不支持 PDA_F does not support Android 13 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

5.4 设置一键打开应用

5.4 Set One-Key Open Application

项目 Item	说明 Description
原型 Prototype	void startActivity(String mapKey, ApkInfo apkInfo)
描述 Description	设置一键打开应用 Set one-key open application
参数 Parameters	key:按键映射键值,取值范围 key:Key Mapping Value,Value range apkInfo:应用信息列表 apkInfo:Application Information List
返回 Return	void

项目 Item	说明 Description
备注 Remark	PDA_A(Android 12)、PDA_C(Android 10)不支持此功能 PDA_A(Android 12) and PDA_C (Android 10) do not support this function PDA_D Android 11不支持 PDA_D does not support Android 11 PDA_E Android 10不支持 PDA_E does not support Android 10 PDA_E Android 13不支持 PDA_E does not support Android 13 PDA_F Android 11不支持 PDA_F does not support Android 11 PDA_G Android 11不支持 PDA_G does not support Android 11 PDA_J Android 11不支持 PDA_J does not support Android 11 PDA_K Android 11不支持 PDA_K does not support Android 11 PDA_N Android 11不支持 PDA_N does not support Android 11

5.5 ApkInfo类

5.5 ApkInfo Class

应用信息类，用于描述应用的详细信息，包括包名、活动名称等。

Application information class, used to describe detailed information of the application, including package name, activity name, etc.

方法 Method	描述 Description	参数 Parameters	返回值 Return
ApkInfo()	无参构造函数 No-argument constructor	无 N/A	-
ApkInfo(String packageName)	带包名的构造函数 Constructor with package name	packageName:应用包名 packageName:Application package name	-
getPackageName()	获取应用包名 Get application package name	无 N/A	应用包名 Application package name
setPackageName(String packageName)	设置应用包名（可为null） Set application package name (can be null)	packageName:应用包名 packageName:Application package name	void
getClassName()	获取活动名称 Get activity name	无 N/A	活动名称 Activity name
setClassName(String className)	设置活动名称（可为null） Set activity name (can be null)	className:活动名称 className:Activity name	void
getAction()	获取动作 Get action	无 N/A	动作 Action

方法 Method	描述 Description	参数 Parameters	返回值 Return
setAction(String action)	设置动作（可为null） Set action (can be null)	action:动作 action:Action	void
getCategory()	获取类别 Get category	无 N/A	类别 Category
setCategory(String category)	设置类别（可为null） Set category (can be null)	category:类别 category:Category	void
getMimeType()	获取MIME类型 Get MIME type	无 N/A	MIME类型 MIME type
setMimeType(String mimeType)	设置MIME类型（可为null） Set MIME type (can be null)	mimeType:MIME类型 mimeType:MIME type	void
getUri()	获取URI Get URI	无 N/A	URI
setUri(String uri)	设置URI（可为null） Set URI (can be null)	uri:URI	void
getExtras()	获取扩展参数 Get extra parameters	无 N/A	扩展参数列表 List of extra parameters
setExtras(List<Extras> extras)	设置扩展参数（可为null） Set extra parameters (can be null)	extras:扩展参数列表 extras:List of extra parameters	void

5.6 Extras类

5.6 Extras Class

Intent的扩展参数类，用于传递额外的参数信息。

Intent's extra parameter class, used to pass additional parameter information.

方法 Method	描述 Description	参数 Parameters	返回值 Return
Extras(String key, String value, int type)	构造函数 Constructor	key:参数名称 key:Parameter name value:参数值 value:Parameter value type:参数数据类型 type:Parameter data type	-
getKey()	获取参数名称 Get parameter name	无 N/A	参数名称 Parameter name
setKey(String key)	设置参数名称 Set parameter name	key:参数名称 key:Parameter name	void

方法 Method	描述 Description	参数 Parameters	返回值 Return
getValue()	获取参数值 Get parameter value	无 N/A	参数值 Parameter value
setValue(String value)	设置参数值 Set parameter value	value:参数值 value:Parameter value	void
getType()	获取参数数据类型 Get parameter data type	无 N/A	数据类型 (1-10) Data type (1-10)
setType(int type)	设置参数数据类型 Set parameter data type	type:数据类型 type:Data type 1 String、2 Integer、3 Boolean、4 Float、5 Double、6 Long、7 Short、8 Byte、9 Character、10 CharSequence	void

5.7 映射按键取值范围

5.7 Map Key Value Range

key	KeyCode	Key name(按键名称)
VOLUMEUP	24	Volume Up(音量加)
VOLUMEDOWN	25	Volume Down(音量减)
PTT	295	PTT
LEFT_TRIGGER	291	Left Trigger(左扫描键)
RIGHT_TRIGGER	293	Right Trigger(右扫描键)
CENTER_TRIGGER	294	Center Trigger(中扫描键)
ESC	111	Escape(Esc 键)
ENTER	66	Enter(回车键)
CLR	28	Clear(清除键)
TAB	61	Tab(Tab 键)
BACKSPACE	67	Backspace(退格键)
SEARCH	84	Search(查找键)
UP	19	Up(上)
DOWN	20	Down(下)
LEFT	21	Left(左)
RIGHT	22	Right(右)
CENTER	23	Center(中)
P1	301	P1 Button(P1 键)

key	KeyCode	Key name(按键名称)
P2	302	P2 Button(P2 键)
P3	303	P3 Button(P3 键)
P4	304	P4 Button(P4 键)
SPECIFY_10	10	Specified keycode(指定按键值)

5.8 目标键值取值范围

5.8 Target Key Value Range

key	KeyCode (按键码)	Key name (按键名称)
SUPPRESS_KEY	-100	Suppress key (禁用按键)
RESET_TO_DEFAULT	-1	Reset to default (恢复默认)
CAMERA	27	Camera (相机键)
MENU	82	Menu (菜单键)
HOME	3	Home (主页键)
BACK	4	Back (返回键)
F1	131	F1
F2	132	F2
F3	133	F3
F4	134	F4
F5	135	F5
F6	136	F6
F7	137	F7
F8	138	F8
F9	139	F9
F10	140	F10
F11	141	F11
F12	142	F12
P1	301	P1 Button (P1 键)
P2	302	P2 Button (P2 键)
P3	303	P3 Button (P3 键)
P4	304	P4 Button (P4 键)
SPECIFY_10	10	Specified keycode (指定按键值)

三、部分机型

III. Some models



PDA_A



PDA_B



PDA_C



PDA_D



PDA_E



PDA_F



PDA_G



PDA_H



PDA_I



PDA_J



PDA_K



PDA_L



PDA_M	PDA_N	PDA_O	PDA_P
-------	-------	-------	-------