

Scanner Development specification

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Table of contents

Scanner Development specification.....	1
Table of contents.....	1
1. Document introduction.....	2
2. Development environment and tools.....	2
Overall design.....	3
1.1 Open Scan.....	3
1.2 Close Scan.....	3
1.3 Trigger scan.....	3
1.4 Stop scanning.....	4
1.5 Enable Continuous scanning.....	4
1.6 Stop continuous scanning.....	4
1.7 Continuous scanning interval.....	4
Call the SDK process.....	5

1. Document introduction

This document provides guidance for Android developers on secondary development of scanning module integration applications.

2. Development environment and tools

Development platform: Windows system

Development tool: Android Studio 3.4.1

Compilation environment: Java 1.8

Overall design

Interface function

1.1 Open Scan

Functional interface	public void openScan()
Function description	Open scanning
Parameter description	None
Function return	None

1.2 Close Scan

Functional interface	public void closeScan()
Function description	Close scanning
Parameter description	None
Function return	None

1.3 Trigger scan

Functional interface	public void startScan()
Function description	Trigger scan
Parameter description	None
Function return	None

1.4 Stop scanning

Functional interface	public void stopScan()
Function description	Stop scanning
Parameter description	None
Function return	None

1.5 Enable Continuous scanning

Functional interface	public void ContionousStart()
Function description	continuous scanning
Parameter description	None
Function return	None

1.6 Stop continuous scanning

Functional interface	public void ContionousStop()
Function description	Stop continuous scanning
Parameter description	None
Function return	None

1.7 Continuous scanning interval

Functional interface	public void TimeScan(int time)
Function description	scanning interval
Parameter description	Time unit : ms
Function return	None

Call the SDK process

Copy the SDK to the project libs directory

Build.gradle Adds the build sdk:

```
implementation files('libs/ScanDevice-  
release_v1.0.aar')
```

Initializes the scan class method:

1. **private** ScanDevice **mScanDevice**;
2. **mScanDevice** = new ScanDevice(this);
3. **mScanDevice**.openScan();

参考 Demo