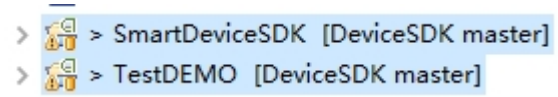
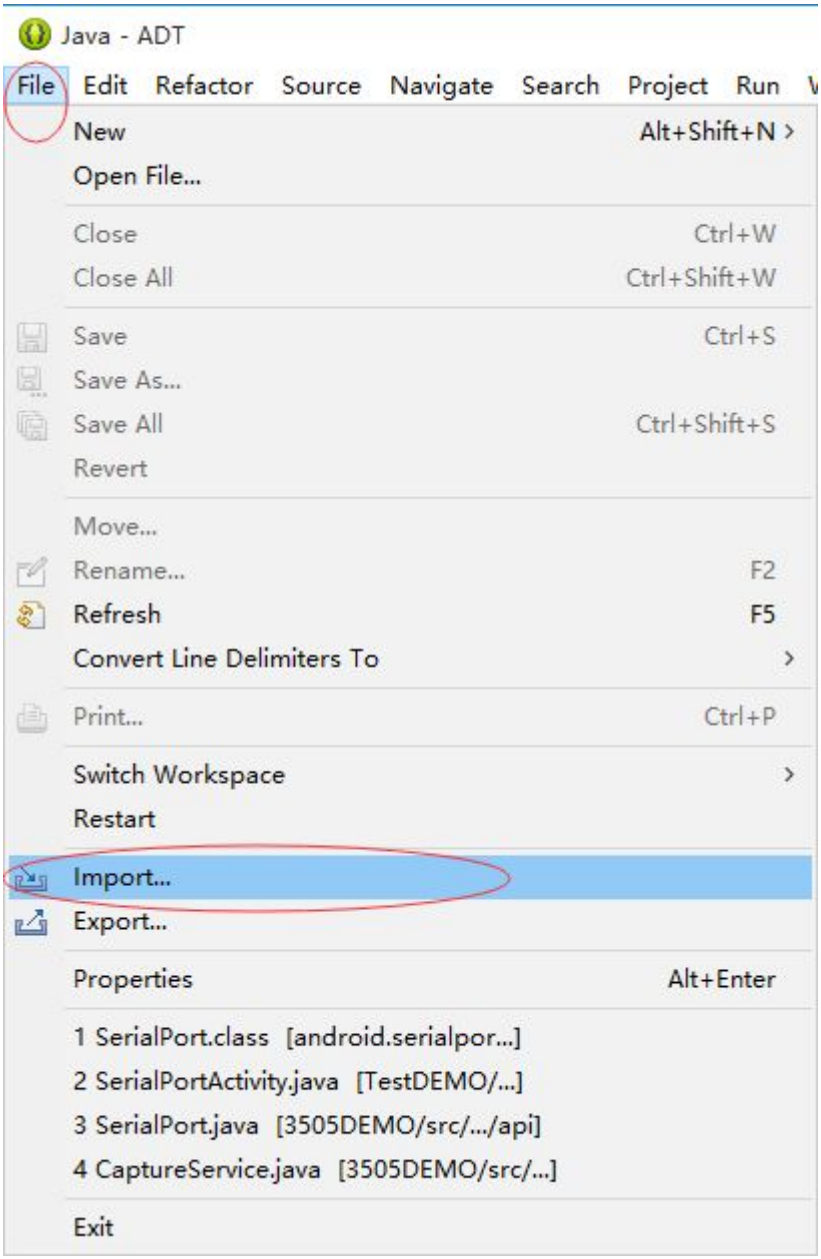
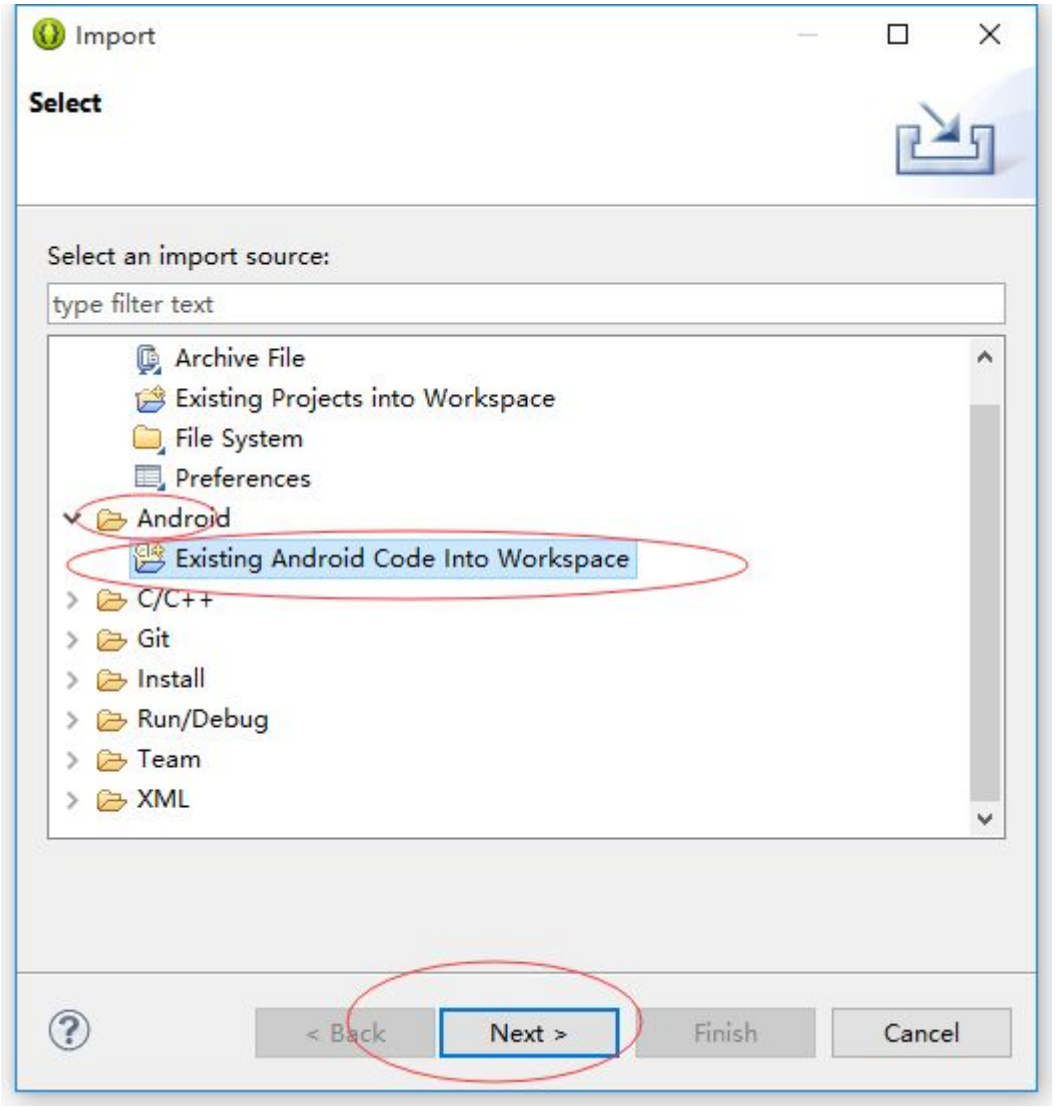
project instruction:

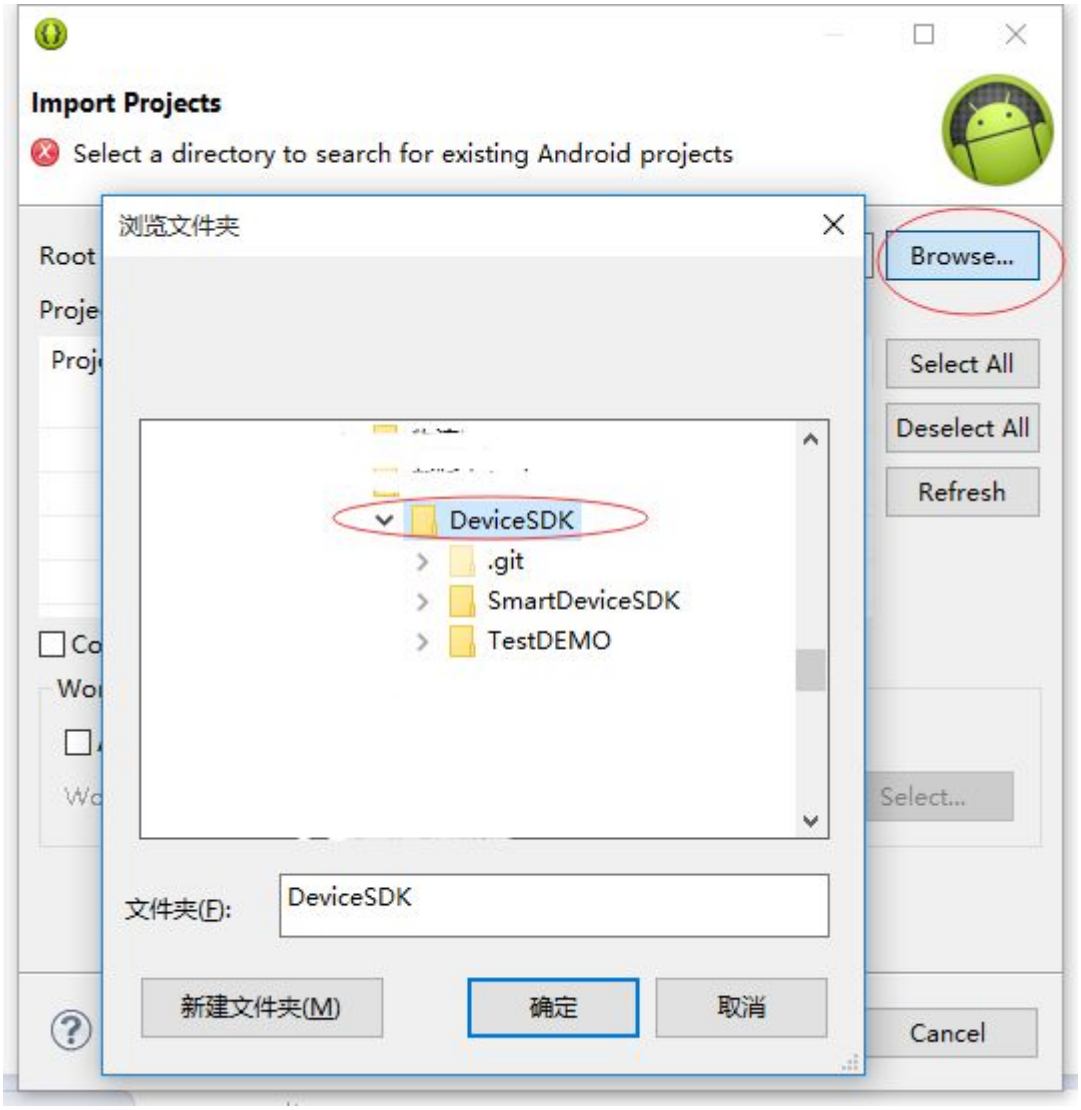
Import Select DeviceSDK folder, import two projects after the import results are as follows



Import Eclipse：File->Import->Android->Existing Android Code Into Workspace->Chose ‘DeviceSDK’->Finish




Import
Select
Select an import source:
type filter text
Archive File
Existing Projects into Workspace
File System
Preferences
Android
Existing Android Code Into Workspace
C/C++
Git
Install
Run/Debug
Team
XML
< Back
Next >
Finish
Cancel



SDK package：

android.serialport.api

Serial user interface, the main use SerialPort class

SerialPortDescription：

Function	Description	Parameter	Remarks
SerialPort(String, int)	Instantiated, and automatically open the serial port, automatically receive data back thread	String Serial devices, such as / dev / ttyS1 int Serial port baud rate, such as 115200	
SerialPort()	Instantiation		Call open (String, int) to open the serial port, and to receive

			data back using FileInputStream
setOnserialportDataReceived(SerialPortDataReceived)	Sign return data receive event		If you register this function, you need to use SerialPort (String, int) method to instantiate
open(String, int)	Open the serial port	String Serial devices, such as / dev / ttyS1 int Serial port baud rate, such as 115200	
open()	Open the serial port		
closePort()	关闭串口，释放资源		
Write(byte[])	Close the window, the release of resources	Hexadecimal data	
Write(String)	Send serial data	Character data in UTF-8 encoding to send	
setOnserialportDataReceived(SerialPortDataReceived)	Sign return data monitor events		

com.smartdevicesdk.adapter

UI adapter management

com.smartdevicesdk.camerascanner

Camera Scan Interface

Instructions:

//Registration required permissions

```
<uses-feature android:name="android.hardware.camera" />
```

//Open the scan window

```
Intent intent = new Intent(this, ZBarScannerActivity.class);
startActivityForResult(intent, ZBAR_SCANNER_REQUEST);
```

//Receives the scan data is returned

```
@Override
    protected void onActivityResult(int requestCode, int resultCode, Intent data)
{
        if (resultCode == RESULT_OK) {
            // Scan result is available by making a call to
            // data.getStringExtra(ZBarConstants.SCAN_RESULT)
            // Type of the scan result is available by making a call to
```

```
            // data.getStringExtra(ZBarConstants.SCAN_RESULT_TYPE)
            String str = "Scan Result:\r\n"
                  + data.getStringExtra(ZBarConstants.SCAN_RESULT);
            str += "\r\nScan Result Type:\r\n"
                  + data.getIntExtra(ZBarConstants.SCAN_RESULT_TYPE, 0);
            // The value of type indicates one of the symbols listed in Advanced
            // Options below.

            textView.setText(str);

        } else if (resultCode == RESULT_CANCELED) {
            textView.setText("Camera unavailable");
        }
            }
```

com.smartdevicesdk.database

SQLite Database Interface

com.smartdevicesdk.device

Different Android device management, function selection, primarily for equipment default serial port selection, understanding the correspondence between the serial device, the need to call this interface

com.smartdevicesdk.fingerprint

Fingerprint module interface, call the method, see TestDEMO in Finger Activity class

com.smartdevicesdk.idcard

Second-generation ID card Interface

Instructions:

Initialization Interface ID Card Helper (String, int), after the name of the incoming serial port baud rate, call getIDCard () to get the second generation ID card information

com.smartdevicesdk.media

Multimedia Sound playback Interface

com.smartdevicesdk.printer

Printer interface (serial)

Instructions:

Mainly used Printer Class SerialPort class

Function	**Description**	**Parameter**	**Remarks**
PrinterClassSerialPort(Context, Handler)	initialization	Context Context instances Handler The printer returns data handle	
open()	Open Device		
close()	Turn off your device		
printText(String)	Send text data to print, the default GBK coding		

printImage(Bitmap)	Send picture data printing		
printUnicode(String)	Send Unicode print data		
write(byte[])	Send hexadecimal data		Print instruction data, you can use this function
device : String	Serial device names		
baudrate : int	Baud rate		

com.smartdevicesdk.psam

Contact PSAM card interface

Function	**Description**	**Parameter**	**Remarks**
OpenCard(int[], int)	Open Device	Parameters: [in] int slotid, slot number, if you pass 0, automatically adapts to the first open card slot [out] unsigned long * fd outgoing device handle	
CloseCard(long)	Turn off your device	Parameters: [in] unsigned long fd incoming To turn off the device handle Return value: the right to 0, the error is non-zero	
ResetCard(long, byte[], int[])	Equipment reset	Parameters: [in] unsigned long fd incoming To turn off the device handle [out] unsigned char * atr outgoing device reset information [in / out] int * atrLen device reset outgoing message length Returns: the right to 0, with error non-0	
CardApdu(long, byte[], int, byte[], int[])	Send command	Parameters: [in] unsigned long fd incoming device handle [in] unsigned char * apdu instruction [in] apdu to send int apdu apduLength Send your instruction length [out] unsigned char * response returns the data content [in / out] int * respLength return data length return value: the right to 0, the error is non-zero	
CheckCard(long)	Check the card in place state	Parameters: [in] unsigned long fd incoming detection device handle Return value: the right to 0, the error is non-zero	Feature is not enabled

com.smartdevicesdk.scanner

One-dimensional two-dimensional scanning module interface

Function	**Description**	**Parameter**	**Remarks**
ScannerHelper(Context, String, int,	Instantiation	Context Context instances	

Handler)		String Serial device names int Baud rate Handler Receives the scan data handle	
Close()	Close Module		
scan()	Start scanning		

com.smartdevicesdk.stripcard

Magnetic stripe card interface (I2C communication)

Call Stripcardhelper.ReadCard () to get the data card after detailed see TestDEMO in MagneticCardActivity

com.smartdevicesdk.ui

UI control interface

com.smartdevicesdk.utils

String Functions Process Interface