Cordova-plugin Operate API

The doc describes the operation and methods of the cordova-plugin,please reference the doc to use the method correctly.

When you use the cordova-plugin to integrate Android,first open the mobile system bluetooth,and then if your mobile phone version is above 6.0,please apply for Bluetooth authority.

Our Android api is below,and we all initialiaze a QPOSService class variable,so if you have any other issues,you can also reference the android demo from our gitlab.

Gitlab link : https://gitlab.com/dspread

1.scanQPos2Mode

Signature	Void scanQPos2Mode(Context context,int timeout)
Inputs	Context context timeout:the time of scanning the bluetooth
Outputs	None
Description	Start to scan the devices
See also	The reponse method of onRequestDeviceScanFinished
response	onRequestDeviceScanFinished() and onDeviceFound() The above two method is the scanQPOS2Mode method callback

2.stopScanQPos2Mode

Signature	Void stopScanQPos2Mode()
Inputs	None
Outputs	None
Description	Stop to scan the devices
See also	None

3.connectBluetoothDevice

Signature	Void connectBluetoothDevice(boolean f,int time,String blueTootchAddress)
Inputs	f:it represent when connect bluetooth if it need to pair the device.if true,it represent pair the bluetooth,else false represent don't pair the bluetooth time:the time of the connect bluetooth blueTootchAddress:the bluetooth address that need to connect
Outputs	None
Description	connect the devices
See also	The reponse method of onRequestQposConnected
response	onRequestQposConnected()-this is callback method

4.disconnectBT

Signature	Void disconnectBT()
Inputs	None
Outputs	None
Description	disconnect the devices
See also	The reponse method of onRequestQposDisconnected
reponse	onRequestQposDisconnected()-this is callback method

5.getDeviceList

Signature	List<BluetoothDevice> getDeviceList()
Inputs	None
Outputs	The list of BluetoothDevice
Description	Return the bluetooth devices that was scaned
See also	None

reponse	None

6.doTrade

Signature	void doTrade(int timeout)
Inputs	Timeout
Outputs	None
Description	Check the status of the Magnetic Card Reader, the EMV Card reader, or NFC transceiver. It checks if a card has been swiped, a NFC card has been tapped or an EMV card is inserted. The result is returned by the onDoTradeResult delegate method.
See also	onDoTradeResult-this is callback method

7.onDeviceFound

Signature	Void onDeviceFound(BluetoothDevice device)
Inputs	Device:this is device that have been scanned
Outputs	None
Description	Found the devices,when scan the device,there can be return the scanned device
See also	None

8. getQposInfo

Signature	getQposInfo()
Inputs	None
Outputs	None
Description	Retrieve parameters about the QPOS device. Results are returned by onQposInfoResult which includes: firmware version, bootloader version, USB connection and charging

	status, battery level, and hardware version
See also	onQposInfoResult-this is callback method

9.getQposId

Signature	getQposId()
Inputs	None
Outputs	None
Description	Retrieve the POS_ID of the QPOS device. Results are returned by onQposIdResult.
See also	onQposIdResult-this is callback method

10.updatePosFirmware

Signature	Void updatePosFirmware(byte[] data,String bluetoothAddress)
Inputs	Data:the data is the asc file data bluetoothAddress:connected bluetooth address
Outputs	None
Description	Update the pos firmware
See also	onUpdatePosFirmwareResult-this is callback method

11.doUpdateIPEKOperation

Signature	void doUpdateIPEKOperation(String ipekgroup,String trackksn,String trackipek,String trackipekCheckvalue,String emvksn,,String emvipek,String emvipekCheckvalue,String pinksn,String pinipek,String pinipekCheckvalue)
Inputs	ipekgroup,1byte,trackksn10byte,trackipek16byte,trackipekCheckvalue8byte,emvksn10byte,emvipek16byte,emvipekCheckvalue8byte,pinksn10byte,pinipek16byte,pinipekCheckvalue8byte

Outputs	None
Description	Update the IPEK
See also	onReturnUpdateIPEKResult-this is callback method

12.btConnnect

Signature	PrinterInterface btConnect(Context context,String macAddress,BluetoothAdapter adapter,Handler handler)
Inputs	Context:context macAddress:S85 device mac address Adapter:BluetoothAdapter adapter Handler:Handler handler
Outputs	PrinterInterface mprinter
Description	Connect the printer
See also	None,but you can got the response fron the handler message 101

13.closeConnection

Signature	Void closeConnection()
Inputs	None
Outputs	None
Description	Disconnect the printer connection
See also	None

14.printText

Signature	Void printText(String content)
Inputs	Content:the text that you want to print

Outputs	None
Description	Print the text with printer
See also	None