Shenzhen Yixin Technology Co., Ltd

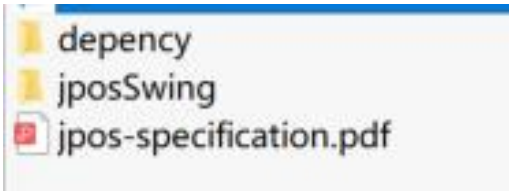
JPOS MSR Specification

catalogue

1. doc description

This document descripe how to use JPOS MSR plugin to devope magnetic card application.(MSR JPos plugin is developed by Shenzhen Yixin Technology Co., Ltd)

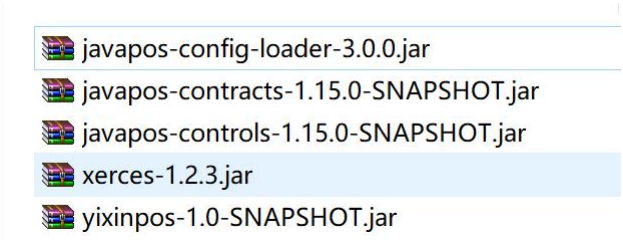
2. SDK content



Dependency: java jar library and dll library
jposSwing: jpos demo project (maven)
Jpos-specification.pdf

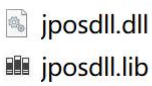
2.1. develop dependency library

2.1.1. Java library



pos.jar: java library supported JPOS
Xecrs-1.2.3.jar: xml decode library

2.1.2. dll



Yinxing magnetic card reader dynamic libray.

2.2. Sdk document

Document contains 2 parts:

jpos-specification.docx
jpos使用说明.docx

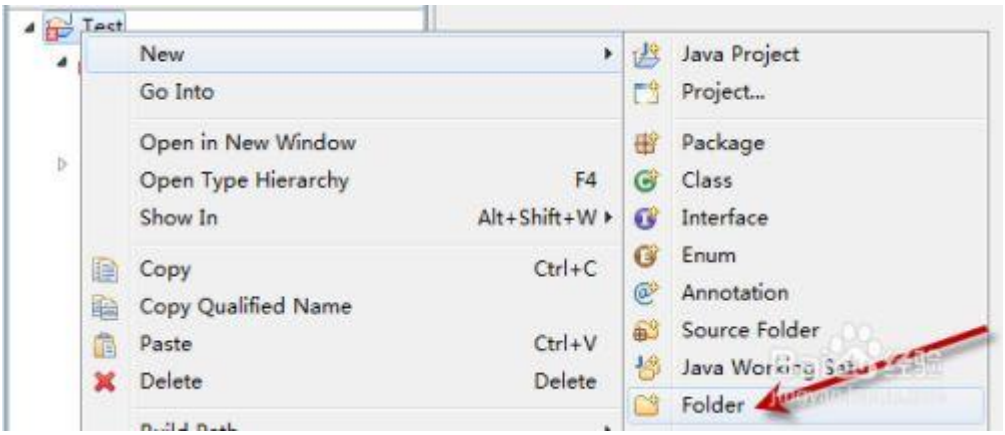
Jpos-sepcification.docx: English version specification
jpos 使用说明.docx：Chinese version specification

3. instructions

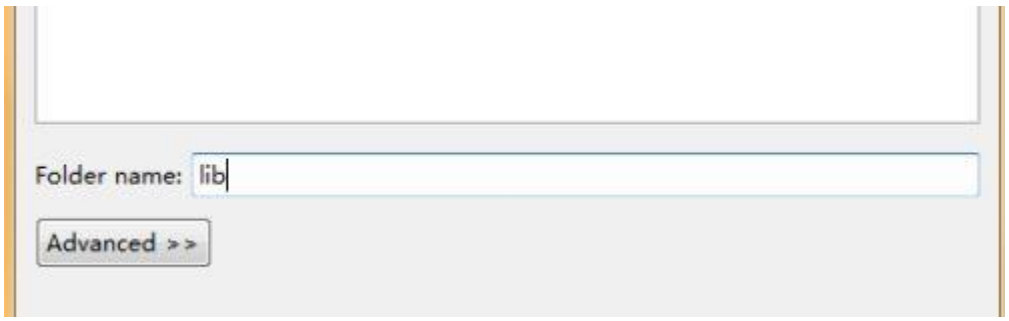
3.1. Add jar dependency

3.1.1. add java lib for eclipse

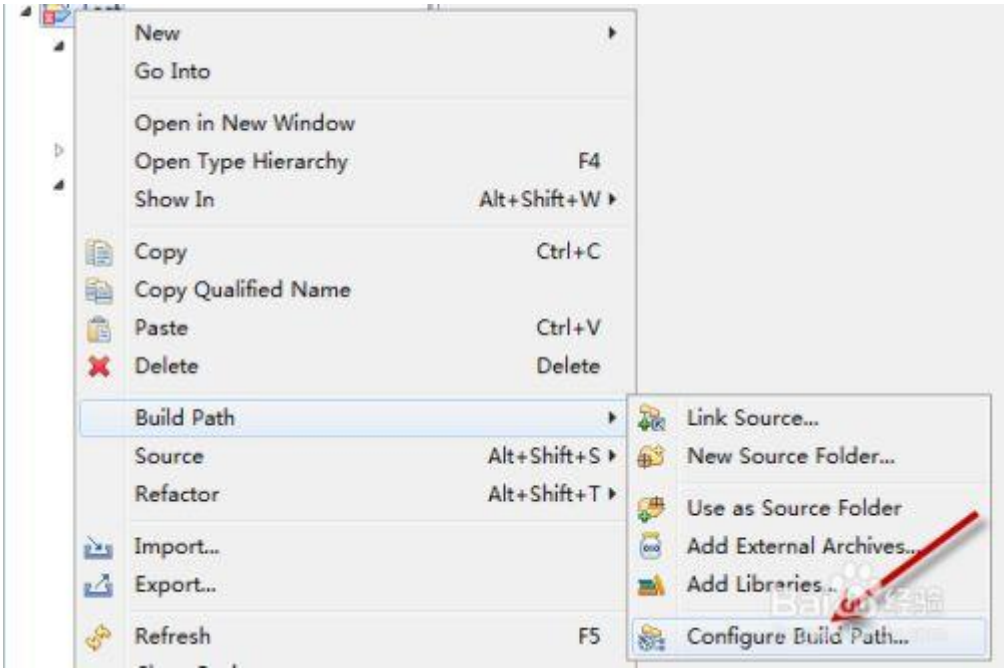
1、right click project name，click【New】-->【Floder】in turn，open new Folder window



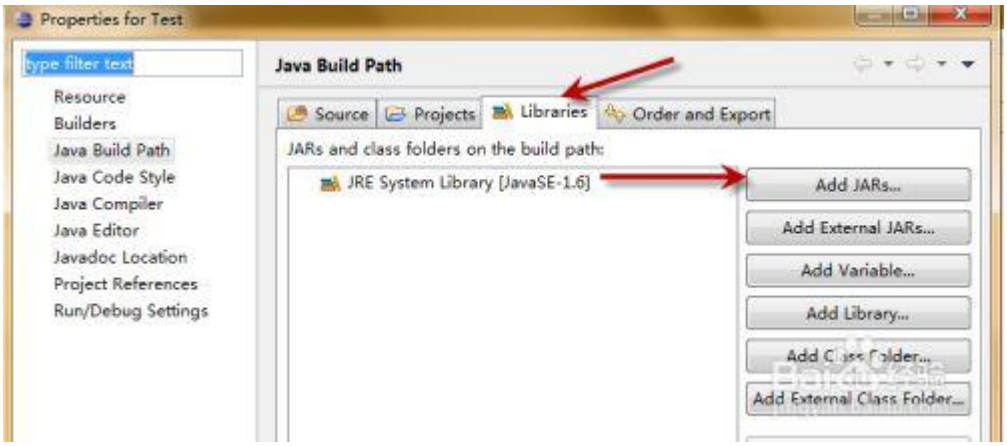
2、input Folder name【lib】，click【ok】(jar usaully store in lib folder)



3、past jar file into the “lib” direcotry
4、right click “lib”,build path --->【Configure Build Path...】

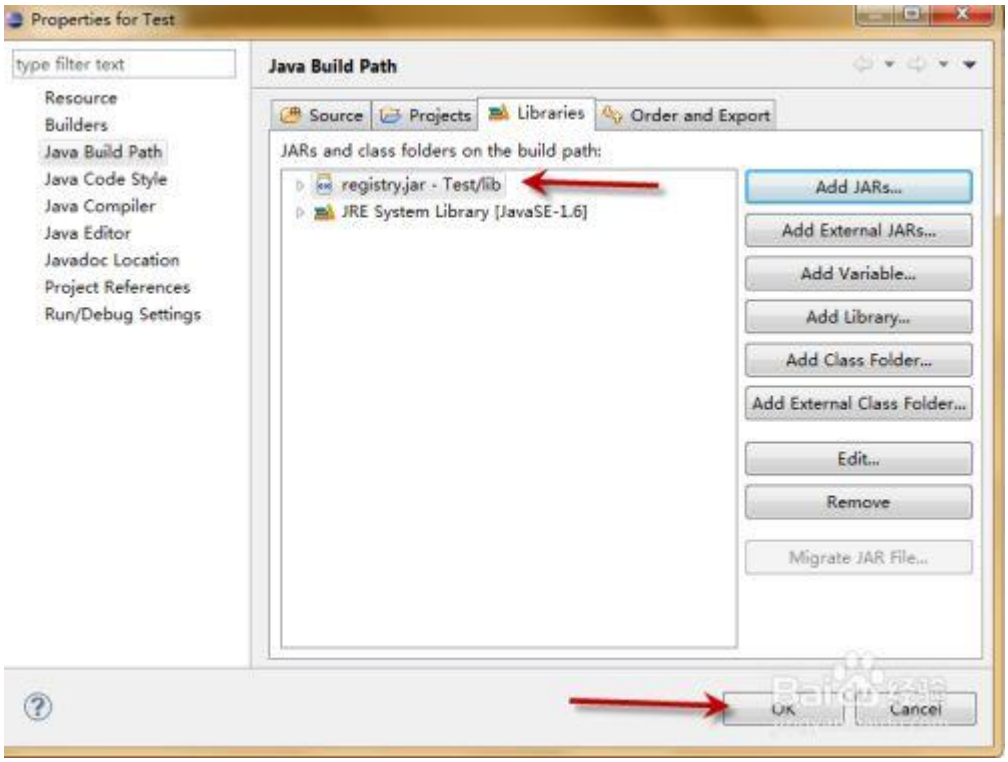


5、Select 【Libraries】page at first, then click 【add JARs...】button.



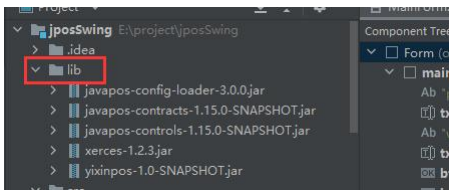
6、choose java jar in “lib” diectory, then click “ok” button.

7、now， you will see the jar in 【Libraries】page, then click【OK】button.

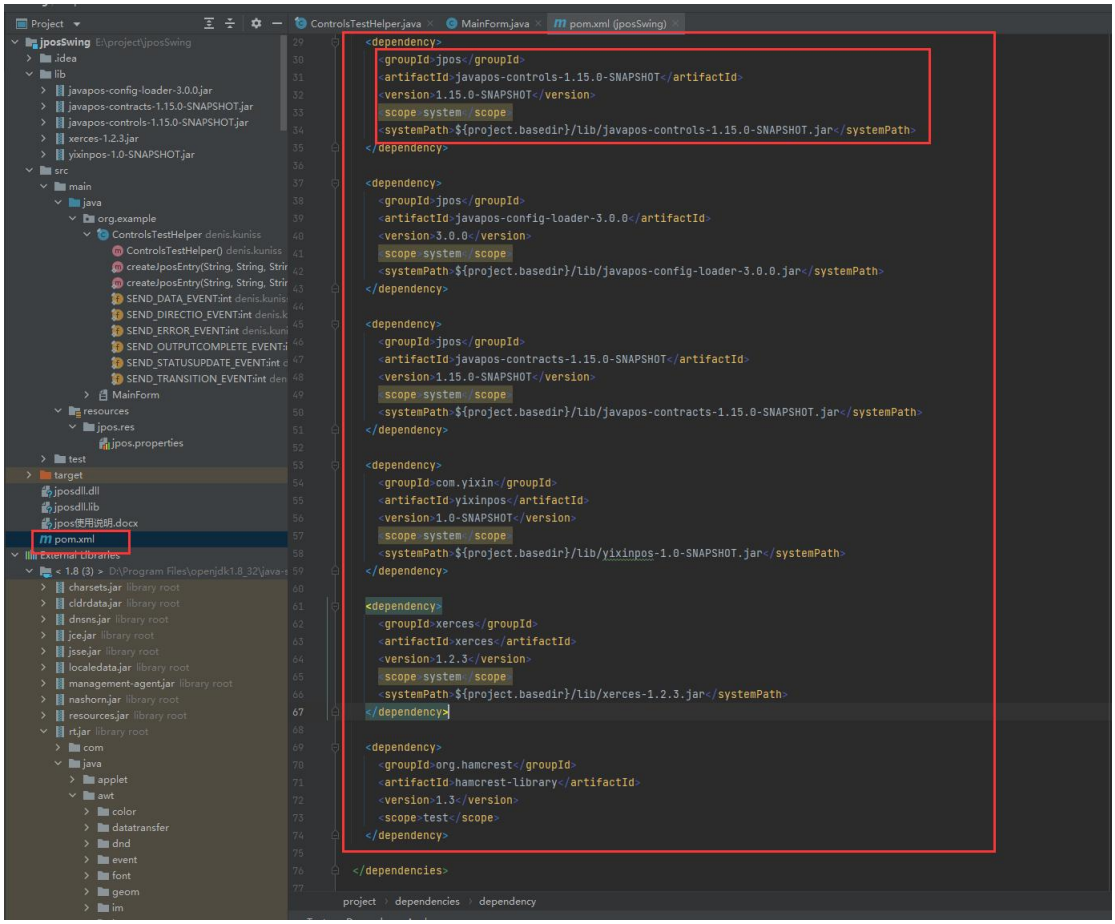


3.1.2. imprt jar for IDEA

1、Create “lib” folder in your project name， copy and paste java jar library into you folder, as shown in the figure below:



2、Add configuration to Maven pom.xml file, as shown in the figure below:

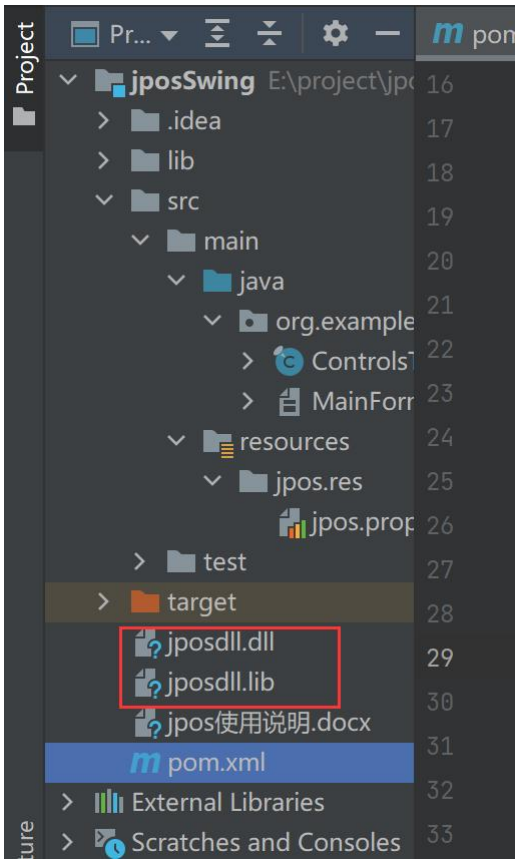


(Note: groupId， artifactId，version，scope，systemPath option)

3.2. Add dll library

3.2.1. Add to Eclipse，idea

Copy “jpos.dll, jpos.lib” into you project direcotry, as shown in the figure below:



Eclipse the same as idea.

3.3. SDK develop procedure

3.3.1. Craete a new project

User idea or eclipse etc, to create new java project.

3.3.2. Import jar

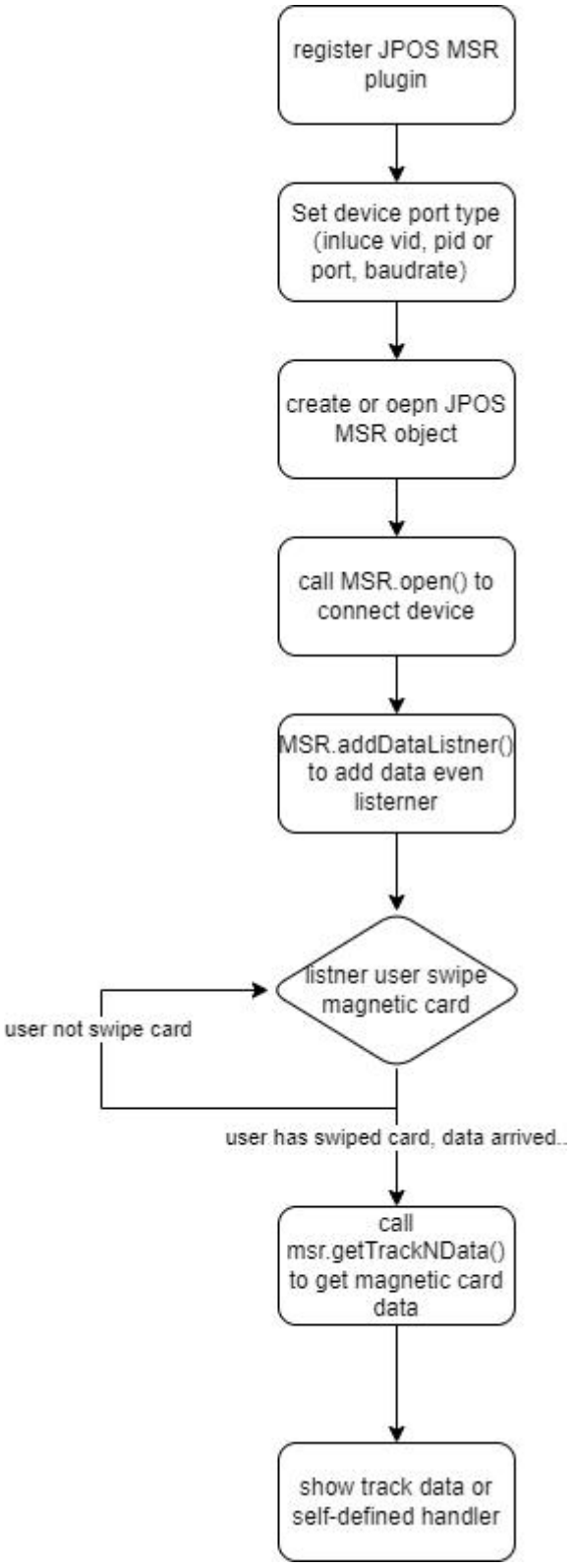
Reference add jar dependency

3.3.3. Import dll

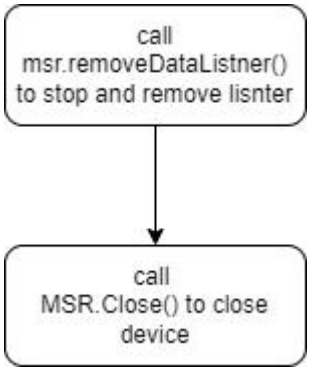
Reference add dll dependency

3.3.4. Business process

3.3.4.1. Open MSR device and Add listener

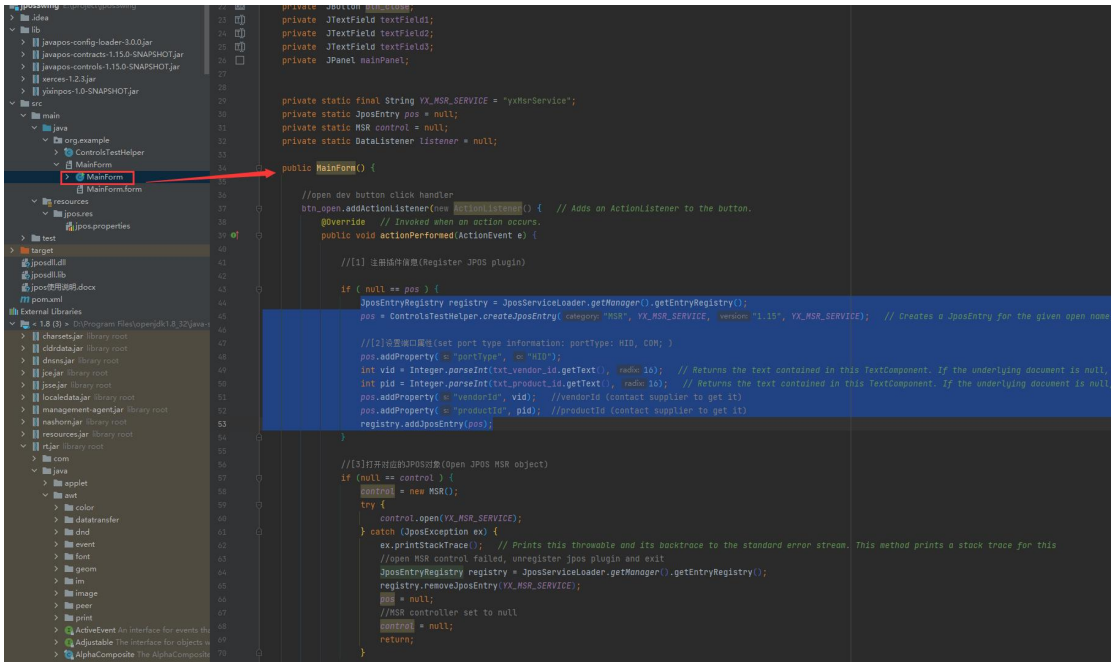


3.3.4.2. Remove listener and close device



3.3.5. Reference code

as shown in the figure below （**More， please read "jposSwing" project source code file MainForm.java)：**



Details refer to：