

JavaPOS

(How to setup and test)

Thermal Printer

Supported environment.

Linux 32bit and 64bit.

System requirements

1. Pentium IV series
2. Minimum RAM 256MB
3. Java Runtime Enviornment 1.8 and above

1. How to setup.

- 1.1. Extract this archive creating the `sewoo_jpos_release_20211115` directory automatically.

```
# tar -zxvf sewoo_jpos_release_20211115.tar.gz
```

- 1.2. Move to the `sewoo_jpos_release_20211115` directory.

```
# cd sewoo_jpos_release_20211115
```

- 1.3. execute `installJars` to copy the `javapos` driver to JRE Directory.

```
# java installJars
```

- 1.4. Move to the `JavaPOSSample` directory.

```
# cd JavaPOSSample
```

- 1.5. Open the `jpos.xml` file to edit and configure the interface as below

1.4.1. According to printer type.

1.4.1.1 Thermal Printer.

```
<prop name="deviceClassName" type="String" value="Thermal"/>
```

1.4.1.2. Dot Printer.

```
<prop name="deviceClassName" type="String" value="Dot"/>
```

1.4.2. According to interface type.

1.4.2.1. Serial Interface.

(ex) COM1 Port, Baudrate=9600bps

```
<prop name="portName" type="String" value="/dev/ttyS0"/>
```

```
<prop name="portSettings" type="String" value="9600"/>
```

(ex) COM2 Port, Baudrate=38400bps

```
<prop name="portName" type="String" value="/dev/ttyS1"/>
```

```
<prop name="portSettings" type="String" value="38400"/>
```

1.4.2.2. Parallel Interface.

(ex) LPT1.

```
<prop name="portName" type="String" value="/dev/parport0"/>
```

(ex) LPT2.

```
<prop name="portName" type="String" value="/dev/parport1"/>
```

1.4.2.3. USB Interface.(According to system device)

```
<prop name="portName" type="String" value="/dev/usb/lp0"/>
```

or

```
<prop name="portName" type="String" value="/dev/usb/lp0"/>
```

1.4.2.4. Ethernet Interface.

(ex) IP = 192.168.0.100, Port Number=9100

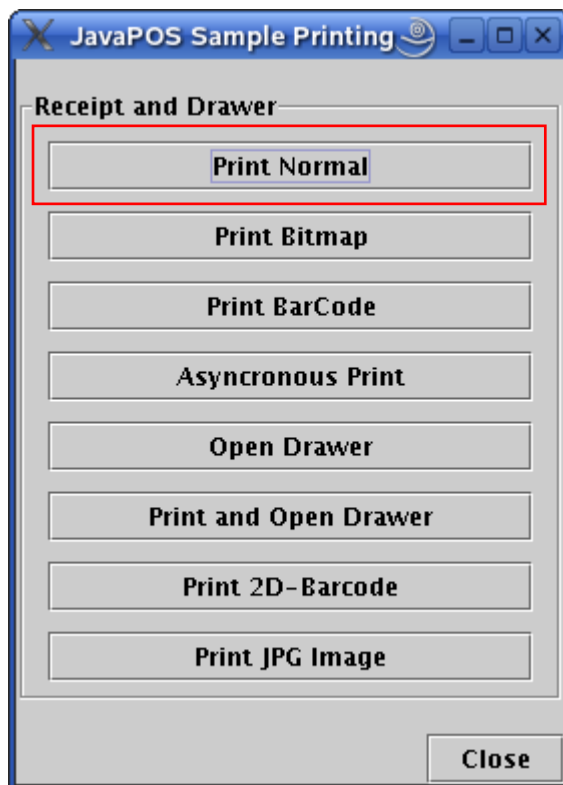
```
<prop name="portName" type="String" value="SOCKET:192.168.0.100"/>  
<prop name="portSettings" type="String" value="9100"/>
```

2. How to test.

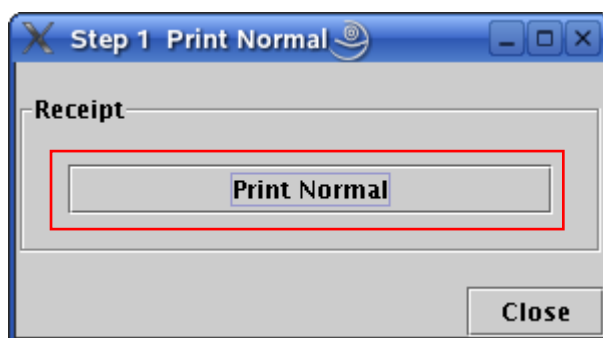
2.1. Execute the test program.

```
# java StepMain
```

2.2. Click the “Print Normal” button.



2.3. Click the “Print Normal” button.



2.4. If the printout is printed, the javapos is installed properly.