

## Could M-7000 remote I/O access by Java program?

Applies to:			No. L3-001
Platform	OS version	SDK version	Classification
Linux or Windows	All versions	—	Linux Applications

Java program could access the M-7000 remote I/O with Modbus/RTU protocol.

There is a java sample code ([mtcpdemo.java](#)) with **modbus4j** package.

<http://www.icpdas.com/download/java/modbus4jdemo.zip>

To installation and running Modbus/RTU demo, follow the procedure described below:

### Step 1: Compile the Modbus/RTU Java source file (mrtudemo.java)

In Linux platform: javac -cp modbus4J.jar:seroUtils.jar:RXTXcomm.jar:. mrtudemo.java

In Windows platform: javac -cp modbus4J.jar;seroUtils.jar;RXTXcomm.jar;. mrtudemo.java

### Step 2: Running the Modbus/RTU class file (mrtudemo.class)

In Linux platform : java -cp modbus4J.jar:seroUtils.jar:RXTXcomm.jar:. mrtudemo

In Windows platform : java -cp modbus4J.jar;seroUtils.jar;RXTXcomm.jar;. mrtudemo