Parallel port with Java (Win32)

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How to do low level I/O with Java on Windows.

In the Windows world, the win32COMM API allows to control a serial port bit I have never seen such a Java library for the parallel port.

Althaugh the USB port is now the standard in PC connectivity a parallel port is much more easy to handle and it compliant with the TTL standard.

Here follows th source code of a Java class that allow to control a parallel port with Java on Windows. This class makes JNI (Java Native Interface) calls to read/write on the parallel port.

Indeed this class calls a JNI compliant dll. In order to achieve that I started with the inpout32.dll source code downloaded from http://www.logix4u.net. Then I change the source code so that it can be called from a Java layer by the means of JNI.

It's possible to port that to a Linux platform. It would require to write the native part that handles I/O on the parallel port. On Linux, it would be a dynamic library and the file extension would be .so.

For the moment, it is just a test application: you can download the source code.