

How to use **SerialPort** in jssc

Best Java code snippets using jssc.**SerialPort**

(Showing top 20 results out of 315)

SerialForwarder.connect(...)

origin: fossasia/n...

```
public boolean connect(String address, int baudRate)
{
    serialPort = new SerialPort(address);
    connected = false;
    try
    {
        int mask = SerialPort.MASK_RXCHAR + SerialPort.MASK_CT
        serialPort.openPort();
        serialPort.setParams(baudRate, 8, 1, 0);
        serialPort.setEventsMask(mask); // Set mask
//        serialPort.addEventListener(this);
        connected = true;
    } catch (SerialPortException ex)
    {
        System.err.println(ex);
    }
    return connected;
}
```

JSSCConnection.closePort()

origin: winder/Uni...

```
@Override
public void closePort() throws Exception {
```

```

if (this.serialPort != null) {
    try {
        this.serialPort.removeEventListener();
        if (this.serialPort.isOpen()) {
            this.serialPort.closePort();
        }
    } finally {
        this.serialPort = null;
    }
}
}

```

JSSCConnection.serialEvent(...)

origin: winder/Uni...

```

/**
 * Reads data from the serial port. RXTX SerialPortEventListener method.
 */
@Override
public void serialEvent(SerialPortEvent evt) {
    try {
        byte[] buf = this.serialPort.readBytes();
        if (buf == null || buf.length <= 0) {
            return;
        }

        String s = new String(buf, 0, buf.length);
        responseMessageHandler.handleResponse(s, comm);
    } catch ( Exception e ) {
        e.printStackTrace();
        System.exit(-1);
    }
}

```

```
}
```

How to read a string/character from com port with java?

origin: stackoverf...

```
SerialPort serialPort = new SerialPort("/dev/ttyUSB0");// For  
if (serialPort.openPort()) {  
    serialPort.setParams (SerialPort.BAUDRATE_9600, SerialPort.  
    byte[] buffer = serialPort.readBytes (1);// Read one byte  
    String str = new String(buffer);  
    serialPort.closePort();  
}
```

SerialTransport.start()

origin: com.github...

```
@Override  
public void start() throws IOException {  
    if (!port.isOpened()) {  
        try {  
            port.openPort();  
            port.setParams (  
                SerialPort.BAUDRATE_57600,  
                SerialPort.DATABITS_8,  
                SerialPort.STOPBITS_1,  
                SerialPort.PARITY_NONE);  
            port.setEventsMask (SerialPort.MASK_RXCHAR);  
            port.addEventListener (this);  
        } catch (SerialPortException ex) {  
            throw new IOException("Cannot start firmata device", e  
        }  
    }  
}
```

```
}
```

Send command with ASCII to USB port

origin: stackoverf...

```
public static void main(String[] args) {
    char ESC = (char) 27; // Ascii character for Escape
    char LN = (char) 10;
    String message = "TX ENROLL:0 PGX:0 PGY:0 ALARM:0 BEEP:NON
    String cmd = ESC + message + LN;
    SerialPort serialPort = new SerialPort("/dev/ttyUSB0");
    try {

        serialPort.openPort();
        serialPort.setParams(SerialPort.BAUDRATE_57600, SerialPort
            SerialPort.PARITY_NONE);
        serialPort.writeString(cmd);

        serialPort.closePort();
    } catch (SerialPortException ex) {
        System.out.println(ex);
    }
}
```

JsscSerialPortProxy.openImpl()

origin: infinitemu...

```
@Override
protected void openImpl() throws SerialPortException {
    try {
        if (LOG.isDebugEnabled())
            LOG.debug("Opening Serial Port: " + commPortId);
    }
}
```

```

    this.port = new SerialPort(commPortId.getName());
    this.port.openPort();
    this.port.setFlowControlMode(flowControlIn | flowControlOut);
    this.port.setParams(baudRate, dataBits, stopBits, parity);

    this.is = new JsscSerialPortInputStream(this.port, this.port);
    this.os = new JsscSerialPortOutputStream(this.port);
}
catch (jssc.SerialPortException e) {
    throw new SerialPortException(e);
}
}

```

SerialConnection.<init>(...)

origin: org.ogema...

```

public SerialConnection(String port, InputHandler ih) throws
    this.serialPort = new SerialPort(port);
    this.serialPort.openPort();
    this.serialPort.setParams(baudrate, databits, stopbits,
} catch (SerialPortException e) {
    logger.error(String.format("Failed to open serial port %s", port));
}

```

SerialTransport.<init>(...)

origin: com.github...

```

public SerialTransport(String portName) {
    this.port = new SerialPort(portName);
}

```

SerialConnection.closeConnection()

origin: Marginally...

```

@Override
public void closeConnection() {
    if (portOpened) {
        if (serialPort != null) {
            try {
                serialPort.removeEventListener();
                serialPort.closePort();
            } catch (SerialPortException e) {
            }
        }
        portOpened = false;
    }
}

```

SerialDevice\$2.read()

origin: openimaj/o...

```

@Override
public int read() throws IOException {
    while (true) {
        try {
            if (!serialPort.isOpened())
                return -1;
            return serialPort.readBytes(1, 100)[0];
        } catch (final SerialPortTimeoutException e) {
            // ignore and try again
        } catch (final SerialPortException e) {
            if (e.getMessage().contains("Port not opened"))
                return -1;
            throw new IOException(e);
        }
    }
}

```

```
};
```

SerialTransport.stop()

origin: com.github...

```
@Override
public void stop() throws IOException {
    try {
        if (port.isOpened()) {
            port.purgePort(SerialPort.PURGE_RXCLEAR | SerialPort.PURGE_TXCLEAR);
            port.closePort();
        }
    } catch (SerialPortException ex) {
        throw new IOException("Cannot properly stop firmata device: " + ex.getMessage());
    }
}
```

SerialDriverJssc.disconnect()

origin: org.mycont...

```
@Override
public void disconnect() {
    try {
        _serialPort.closePort();
        _config.setStatus(STATE.DOWN, "Stopped.");
        _logger.debug("_serialPort{} closed", _serialPort.getPortName());
    } catch (SerialPortException ex) {
        if (ex.getMessage().contains("Port not opened")) {
            _logger.debug("unable to close the port, Error: {}", ex.getMessage());
        } else {
            _logger.error("unable to close the port{}", _serialPort.getPortName(), ex);
        }
    }
    _config.setStatus(STATE.DOWN, "ERROR:" + ex.getMessage());
}
```

```
}  
}
```

SerialConnection.closeConnection()

origin: [org.ogema...](#)

```
/**  
 * Closes the jSSC connection and stops the serialPortWriter Thread  
 */  
public void closeConnection() throws SerialPortException {  
    if (serialPort.isOpened())  
        serialPort.closePort();  
    stop();  
}
```

SerialTransport.write(...)

origin: [com.github...](#)

```
@Override  
public void write(byte[] bytes) throws IOException {  
    try {  
        port.writeBytes(bytes);  
    } catch (SerialPortException ex) {  
        throw new IOException("Cannot send message to device", e  
    }  
}
```

I cannot execute ShellExecute from javascript to run a Windows Form with parameters

origin: [stackoverflow...](#)

```
SerialPort Puerto = new SerialPort();  
string buffer = String.Empty;
```



```

Thread DemoThread;
    CloseSerial();
    OpenSerial();
    Puerto.Write(argumento + "\r\n");
    CloseSerial();
    OpenSerial();
    Puerto.Write("Inicio");
    Puerto.Write(Input);
        buffer += sp.ReadExisting();
        this.DemoThread = new Thread(new ThreadStart(ThreadProc
        this.DemoThread.Start());
    Puerto.Open();
    Puerto.Close();

```

SerialForwarder.disconnect()

origin: fossasia/n...

```

public boolean disconnect()
{
    try {
        serialPort.closePort();
        connected = false;
    } catch (SerialPortException e) {
        e.printStackTrace();
    }
    return !connected;
}

```

JsscSerialPortInputStream.<init>(...)

origin: infinitemu...

```

/**
 * @param serialPort

```

```
* @throws SerialPortException
```

```
*/
```

```
public JsscSerialPortInputStream(SerialPort serialPort, List
    throws jssc.SerialPortException {
    this.listeners = listeners;
    this.dataStream = new LinkedBlockingQueue<Byte>();
    this.port = serialPort;
    this.port.addEventListener(this, SerialPort.MASK_RXCHAR);

    //Setup a bounded Pool that will execute the listener tasks in Order
    this.listenerTasks = new ArrayBlockingQueue<SerialPortProx

    if(LOG.isDebugEnabled())
        LOG.debug("Creating Jssc Serial Port Input Stream for: ")

}
```

JsscSerialPortOutputStream.write(...) *origin: infiniteau...*

```
@Override
```

```
public void write(int arg0) throws IOException {
    try {
        byte b = (byte) arg0;
        if (LOG.isDebugEnabled())
            LOG.debug("Writing byte: " + String.format("%02x", b))
        if ((port != null) && (port.isOpened())) {
            port.writeByte(b);
        }
    }
    catch (jssc.SerialPortException e) {
        throw new IOException(e);
    }
}
```

```
}  
}
```

JSSCConnection.isOpen()

origin: winder/Uni...

```
@Override  
public boolean isOpen() {  
    return serialPort != null && serialPort.isOpen();  
}
```