

```
1  import java.io.IOException;
2  import java.io.InputStream;
3
4  import gnu.io.SerialPortEvent;
5  import gnu.io.SerialPortEventListener;
6
7  public class SerialReader implements SerialPortEventListener // required to connect to
   scanner, I know its not great to have nested classes but this was the best
   implementation i could find
8  {
9      private InputStream in;
10     private byte[] buffer = new byte[1024];
11
12     public SerialReader ( InputStream in )
13     {
14         this.in = in;
15     }
16
17     public void serialEvent(SerialPortEvent arg0)
18     {
19         int data;
20
21         try
22         {
23             int len = 0;
24             while ((data = in.read()) > -1 )
25             {
26                 if (data == '\n' )
27                 {
28                     break;
29                 }
30                 buffer[len++] = (byte) data;
31             }
32             String id = new String(buffer,0,len);
33             SHCheckin.scanned(id);
34         }
35         catch ( IOException e )
36         {
37             e.printStackTrace();
38             System.exit(-1);
39         }
40     }
41
42 }
43
```