

```
1  //File IO
2
3  package ballmerpeak.turtlenet.server;
4  import java.io.*;
5  import ballmerpeak.turtlenet.server.Logger;
6
7  public class FIO {
8      public static byte[] readFileBytes (String filename) {
9          RandomAccessFile f = null;
10         byte[] bytes = null;
11
12         try {
13             f = new RandomAccessFile(filename, "r");
14             Long lsize = f.length();
15             int isize = (int)f.length();
16             if (lsize == isize) {
17                 bytes = new byte[isize];
18                 f.readFully(bytes);
19             } else {
20                 Logger.write("FATAL", "FIO", filename + " is too large, could not read file.");
21             }
22             f.close();
23         } catch (IOException e) {
24             Logger.write("FATAL", "FIO", "Could not read file: " + e);
25             return bytes = null;
26         }
27
28         return bytes;
29     }
30
31     public static boolean writeFileBytes (byte[] data, String filename) {
32         FileOutputStream out;
33         try {
34             out = new FileOutputStream(new File(filename));
35             out.write(data);
36             out.close();
37             return true;
38         } catch (IOException e) {
39             Logger.write("FATAL", "FIO", "Could not write file: " + e);
40             return false;
41         }
42     }
43 }
```