

```

1  /* Message Levels:
2  * UNIMPL
3  * VERBOSE - Way to much detail
4  * INFO - Normal running, useful to follow execution
5  * WARNING - Something wierd is going on, someone fucked up
6  * RED - Recoverable error (one query failing, one timeout)
7  * ERROR - Something went badly wrong
8  * FATAL - Going to crash, far more worrying if it doesn't crash
9  * CRITICAL - Fuck everything, the moon is purple
10 */
11
12 package ballmerpeak.turtlenet.server;
13
14 import java.io.*;
15 import java.util.Date;
16
17 public class Logger {
18     static boolean started = false;
19     static String path;
20     static PrintWriter log;
21
22     public static void init (String logfile) {
23         if (!started) {
24             started = true;
25             path = logfile;
26
27             try {
28                 log = new PrintWriter(new BufferedWriter(new FileWriter(path)));
29                 log.println("==== Turtlenet started at " + new Date() + "====");
30                 log.flush();
31             } catch (Exception e) {
32                 throw new RuntimeException("ERROR: Unable to open log: " + e);
33             }
34         }
35     }
36
37     public static void close () {
38         if(started) {
39             log.println("==== Turtlenet closed at " + new Date() + "====");
40             log.flush();
41             log.close();
42         }
43     }
44
45     public static void write (String level, String place, String s) {
46         if (started) {
47             log.println((System.currentTimeMillis()/1000L) + " " + level + getTabs(level) + place + "\t" + s);
48             log.flush(); //In case of a crash we don't want to be digging up the wrong code
49         }
50     }
51
52     private static String getTabs (String s) {
53         s = (System.currentTimeMillis()/1000L) + " " + s;
54         if (s.length() < 16) return "\t\t"; else return "\t";
55     }
56 }

```