

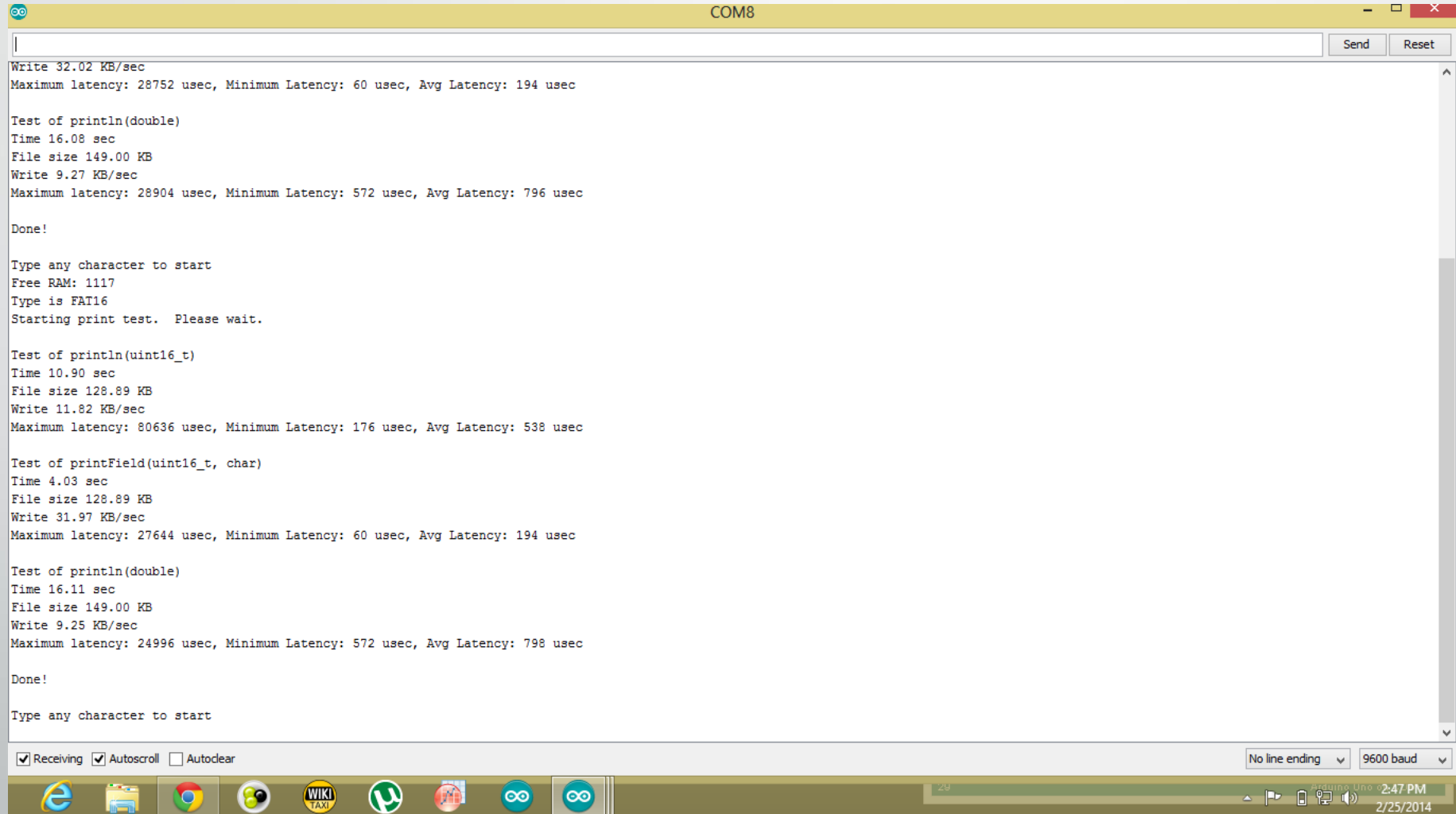


Processing

Why Processing!?

- Open source software aimed at visual artists, hobbyist etc.
- Basically it is Java under the hood, but the learning curve is not as steep as Java
- Very easy to create graphical interfaces (which can be used to communicate with a microcontroller)

From this...



```
COM8
Write 32.02 KB/sec
Maximum latency: 28752 usec, Minimum Latency: 60 usec, Avg Latency: 194 usec

Test of println(double)
Time 16.08 sec
File size 149.00 KB
Write 9.27 KB/sec
Maximum latency: 28904 usec, Minimum Latency: 572 usec, Avg Latency: 796 usec

Done!

Type any character to start
Free RAM: 1117
Type is FAT16
Starting print test. Please wait.

Test of println(uint16_t)
Time 10.90 sec
File size 128.89 KB
Write 11.82 KB/sec
Maximum latency: 80636 usec, Minimum Latency: 176 usec, Avg Latency: 538 usec

Test of printField(uint16_t, char)
Time 4.03 sec
File size 128.89 KB
Write 31.97 KB/sec
Maximum latency: 27644 usec, Minimum Latency: 60 usec, Avg Latency: 194 usec

Test of println(double)
Time 16.11 sec
File size 149.00 KB
Write 9.25 KB/sec
Maximum latency: 24996 usec, Minimum Latency: 572 usec, Avg Latency: 798 usec

Done!

Type any character to start

 Receiving  Autoscroll  Autodear
No line ending 9600 baud
```

To this.



Pic from: <http://www.instructables.com/id/Guino-Dashboard-for-your-Arduino/?lang=de>