

## Re: Java speed vs. C++.

**Source:** <http://coding.derkeiler.com/Archive/Java/comp.lang.java.programmer/2004-12/0578.html>

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using console output as a test of performance will not reflect your actual results creating web applications.

- 1) you should test both C++ and JAVA programs using socket listeners. measure the performance from entry into main() and exit from main(). do a thousand or so requests (a single printf is not a valid test. using a thousand will average the performance over time) use an external program to send the requests. do some processing on each request.
  - 2) there are probably benchmarks on the internet already comparing c++ and java, save yourself some time and use Google to find them. i found these quickly:  
<http://www.idiom.com/~zilla/Computer/javaCbenchmark.html>,  
[http://www.javaworld.com/javaworld/jw-02-1998/jw-02-jperf\\_p.html](http://www.javaworld.com/javaworld/jw-02-1998/jw-02-jperf_p.html)
  - 3) thousands of commercial websites run using tomcat/java as the basis for their web apps with perfectly acceptable performance results, running multiple websites from a single tomcat instance with a few thousand hits per hour.
  - 4) in the long run, you will find java web apps to be more easily maintained than c++ apps because you can use open sourced MVC tools like Struts to handle a lot of the work for you
  - 5) when doing benchmarks, use profiling tools (gcc -g) to determine where your time is spent. especially in complex programs.
- hope this helps. best of luck to you in your website.

greg