

## Re: Who uses clapack?

**Source:** <http://sci.tech-archive.net/Archive/sci.math.num-analysis/2004-12/0318.html>

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In article <41BA2BB2.6060003@telus.net>, Jentje Goslinga <goslinga@telus.net> wrote:

- > *Currently this requires two function calls*
- > *between which the all important norm information is truncated*
- > *from 80 bits accuracy to 64 on a PC for example.*

Wow. I can't believe anyone would post this to sci.math.num-analysis! I thought that non-explicit use of extended precision variables was universally considered to be a dumb idea. If you want explicit use of extended precision with LAPACK, you need extra functions.

BTW, modern compilers on PCs generally default to using SSE2 instructions on modern PC cpus, hence no more extended precision unless you ask for it. This became true soon after the Pentium 4 was released, which was a few years ago.

— greg