
Subject: Re: call external speed
Posted by [Karl Krieger](#) on Mon, 14 Sep 1998 07:00:00 GMT
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On Tue, 8 Sep 1998, David Foster wrote:

> ... Just for kicks, I decided to compare the speed of my
> routine and IDL's INTERPOLATE() routine. The results were *very*
> similar. I would say that it is fairly safe to say that IDL's
> routines are well optimized.

It really depends on the application. I wrote a LINKIMAGE wrapper for the FFTW package (<http://theory.lcs.mit.edu/~fftw>) and compared the speed to IDL's native FFT routine. The speed gain for single precision real->complex 2d transforms is about 2.5 on a SUN Ultra/170 and about 2.3 on a Pentium/133 under WinNT, so it's really worth the effort if you want to do FFT of large data sets.

Karl

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