Posted by Haje Korth on Thu, 14 Jun 2007 16:18:25 GMT

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Just curious: Have you tried my fftw3 dlm available at the ittvis codebank?
does it work any better? Haje

"Ambrosia_Everlovely" <ambrosia_everlovely@hotmail.com> wrote in message
 news:1181824433.145388.26020@d30g2000prg.googlegroups.com...
> Hi,
> I have a fairly large datacube, DC(x,y,t)=DC(512,512,2048) and I want
> to perform an FFT in the t direction. Now I can do,
> FFTDC=fft(DC,-1,dim=3) which takes an excessive amount of memory (19 G
> + 50 G virtual) and slows the whole system down.
> Since this must be a fairly common practice amongst astronomers, can
> anyone provide - or link to - a small IDL algorithm which will allow
> me to use ASSOC or reduce the memory in some way? I have also tried
> TEMPORARY, but this doesn't seem to help at all.
>
> Thankyou!!!!
>