Subject: Converting v[3,N] to vx[N], vy[N], vz[N] without additional memory
Posted by Ricardo Fonseca on Mon, 01 May 2000 07:00:00 GMT
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Hi everyone

I need to transform an array v[3,Nx,Ny,Nz] to three arrays vx[Nx,Ny,Nz], vy[Nx,Ny,Nz], vz[Nx,Ny,Nz] for use with the interpolate function. The simple way to do it is

vx = reform(v[0,*,*,*])

and so on, and then freeing the memory used by v. But the problem is v is a very large (>180 Mb) array so the additional memory needed to do this becomes a problem. Is there another way of doing this, that doesn't require additional memory?

Thanks in advance, Ricardo