
Subject: Re: Avoiding loop stats
Posted by [MarioIncandenza](#) on Mon, 22 Jan 2007 16:29:21 GMT
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I'm missing something. You are working with a FLTARR(4000,2000,900) on Windows? That is >10x the size of the largest array I can create in IDL under Windows or Linux. Is this 64-bit IDL? for Windows?

yp wrote:

- > IDL Gurus,
- > There is perhaps a smart solution to this problem, but I could not
- > figure out.
- > I have a series of EO images (2D) stacked over time which makes the
- > data a 3D array of [4000, 2000, 900] i.e., [lon,lat,time]
- > I need to compute various statistical parameters at each pixel over
- > time and produce each of them as [4000,2000] array.
- >
- >
- > for i=0,4000L-1 do for j=0,2000L-1 do data_st(i,j)=st_func(data(i,j,*))
- >
- > where, data=FLTARR[4000,2000,900]
- > data_st is the output from a function 'st_func' which works with vector
- > data only.
- >
- > Is there a way to do this avoiding the 4000x2000 loop? It is painfully
- > slow on windows.
- > thanks in advance
