
Subject: Re: Short array memory allocation

Posted by [Kenneth P. Bowman](#) on Fri, 11 Jul 2008 14:20:18 GMT

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In article

<eb7e674b-929d-4775-a3db-92d2f60d30b2@m44g2000hsc.googlegroups.com>, ray.laymon064@gmail.com wrote:

> That was the answer I was afraid to get..
> I tried opening and closing the files only and it took the ~same
> time...
>
> Still, is there any IDL setting that I can change and make my IDL use
> more sources?
> In a way IDL to open/read the file faster.
>
>
> Ray,
>
> p.s. I have 7200 rpm SATA disk, and unfortunately I can't modify..

What you are seeing is the OS overhead for opening and closing a file. If you need to do this operation repeatedly, then you should consider merging the files into a small number of larger files.

If you know that you are always going to be accessing the data in the same manner (e.g., one value from many records), you would get a significant speed-up by transposing the data order so that "file index" is your first dimension.

This will be slow to do, but you will only have to do it once.

Ken Bowman
