
Subject: Re: large array

Posted by [Dick Jackson](#) on Wed, 13 Oct 2004 22:55:28 GMT

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"Wolf Schweitzer" <shwi@irm.unizh.ch> wrote in message
news:416d54e2\$1@idnews.unizh.ch...

```
>  
> So, I figured that large files can not be read in a single read process,  
> so I tried this:  
>  
> chunk=intarr (2000,2000,coupleofslices)  
>  
> imagearray = intarr (2000,2000,900) ;--- A HUGE ARRAY!!!!  
>  
> ...  
> point_lun, lun, ... long64(2000) * 2000 * slicecount  
>           ;-- position anywhere inside file using a L64 variable  
>  
> readu, chunk ;--- only read small portion into memory  
>  
> imagearray [*,*,slicecount:slicecount+coupleofslices-1] = chunk  
>  
> or  
>  
> imagearray [*,*, 0:coupleofslices-1] = chunk  
> ...
```

It sounds like this approach is working for you, but I'll mention a tip
about this use of [*, *, ...]: I think you would be better off using [0, 0,
...] here, as discussed in these articles:

http://www.dfanning.com/misc_tips/submemory.html

http://www.dfanning.com/code_tips/asterisk.html

This could run you into trouble when working with big arrays!

Hope this helps.

Cheers,

--

-Dick

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