
Subject: Re: WRITING HDF FILES

Posted by [David Fanning](#) on Fri, 21 Feb 2003 04:19:06 GMT

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MC (markchan@shaw.ca) writes:

```
> I am new to HDF.  
>  
> In c:\file1.txt  
>  
> 'file1' contains over 1.3 million lines of data. Each line containing one  
> number.  
>  
> PRO write_my_hdf  
>   an_array=make_array([108,80,159],/float) ;big enough to hold all in  
>   'file1'  
>   sd_id=HDF_SD_START('c:\file1.hdf',/CREATE)  
>   sds_id=HDF_SD_CREATE(sd_id,'my data',[108,80,159],/FLOAT)  
>   HDF_SD_ADDDATA, sds_id, an_array  
>   HDF_SD_ENDACCESS,sds_id  
>   HDF_SD_END,sd_id  
> END  
>  
> The above was modified from an example in IDL.  
>  
> It came back with: "The array is not big enough".
```

"Not big enough", or "can't make an array that big"?

In any case, I don't see anything wrong with your code. It runs fine on my machine and makes a lovely HDF file with a huge volume filled with zeros. :-)

Cheers,

David

P.S. If the message, was "can't make an array that big", then I suspect you don't have enough process or virtual memory to work with 7 MBytes of data all at once. You will have to get more. But we need more details to advice you sensibly.

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