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Subject: Re: Reading a subset of HDF 5 file  
Posted by [Juggernaut](#) on Fri, 27 Jun 2008 22:16:01 GMT  
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On Jun 27, 5:53 pm, mo...@lanl.gov wrote:

> I have an HDF5 file with three dimensions of data: 8x10000x100  
> Basically, I am trying to read in one "page," or a single slice of  
> 8x10000. Is there any way to do this in IDL 7.0? The documentation  
> seems to be missing some commands.

The command `h5_browser()` is what I've used to look through an H5 file. This way you can pick and choose what you want from it. There should be a piece of data with your cube of data in it and just import it. Beyond this...no idea.

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Subject: Re: Reading a subset of HDF 5 file  
Posted by [Michael Galloy](#) on Fri, 27 Jun 2008 23:36:45 GMT  
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On Jun 27, 3:53 pm, mo...@lanl.gov wrote:

> I have an HDF5 file with three dimensions of data: 8x10000x100  
> Basically, I am trying to read in one "page," or a single slice of  
> 8x10000. Is there any way to do this in IDL 7.0? The documentation  
> seems to be missing some commands.

OK, this prompted me to release some code I've been sitting on for awhile.

Check out:

<http://michaelgalloy.com/2008/06/27/some-hdf5-helper-routines.html>

The routine `MG_H5_GETDATA` will do what you want, something like:

```
IDL> data = mg_h5_getdata(filename, 'group/dataset', bounds='*', *,  
0')
```

where 'group/dataset' is the path inside the HDF5 file to your dataset.

Mike

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