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Subject: Re: HDF reading

Posted by [davidf](#) on Wed, 29 Jan 1997 08:00:00 GMT

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Hugh Pasika <pasika@soma.crl.mcmaster.ca> writes:

- > I have an HDF file with ten Scientific Data Sets, How do I set the
- > "current set" so that a call to DFSD\_GETDATA will retrieve it.
- > For example, how do I get the 5th data set out?
- > I really can't figure it out from the manuals.

Don't even get me \*started\* on HDF documentation! I've spent nearly a week now cussin' and swearin'. But thanks to Mark Rivers I have a couple of programs that actually work. I'll e-mail them to you.

Follow Liam Gumley's suggestion, though, and use the HDF\_SD\_ interface. You'll be glad you did.

I'm writing new documentation for the HDF interface so I don't have to go through this again. I haven't decided if this is going up on the web page or not. I've suffered enough over this that I might just sell this information! :-)

Cheers,

David

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Subject: Re: HDF reading

Posted by [Liam Gumley](#) on Wed, 29 Jan 1997 08:00:00 GMT

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Or in one line:

```
hdf_sd_getdata,hdf_sd_select(hdf_sd_start(pickfile()),4),dat a
```

Can't do better than that!

Cheers,  
Liam.

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Subject: Re: HDF reading

Posted by [Liam Gumley](#) on Wed, 29 Jan 1997 08:00:00 GMT

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Hugh Pasika wrote:

- > I have an HDF file with ten Scientific Data Sets, How do I set the
- > "current set" so that a call to DFSD\_GETDATA will retrieve it.
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- > I really can't figure it out from the manuals.

Try using the HDF\_SD interface instead, e.g.

```
sd_id = hdf_sd_start( pickfile() )           ; open the file
hdf_sd_getdata, hdf_sd_select( sd_id, 4 ), data    ; select and read
SDS #5
```

Cheers,  
Liam.

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