Subject: Re: Appending data to a dataset in an HDF5 file Posted by Maarten[1] on Mon, 05 Feb 2007 10:35:48 GMT

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On Feb 2, 3:54 pm, eddie haskell <hask...@nospam.edu> wrote:

- > By defining a new dataspace you can write only the data to any portion
- > of the dataset you need without wasting memory.

>

- > ;; extend dataset by two elements
- > h5d extend, d, 12
- > ;; get updated matching dataspace
- $> ds2 = h5d_get_space(d)$
- > ;; mark only needing to write to the last two elements
- > h5s_select_hyperslab, ds2, 10, 2, /reset

>

- > ;; create data to write
- > data = [100b, 200b]
- > ;; create dataspace for writing
- > ds3 = h5s_create_simple(2)
- > ;; write only the new elements to the dataset
- > h5d_write, d, data, file_space=ds2, memory_space=ds3

>

> Sorry for the confusion.

Nothing to be sorry about, this post is already much easier to understand than the IDL documentation. When I find the time to add this to my simple HDF5 writer, I'll include this, and perhaps prepare a simple article for the Coyote, for others to enjoy.

Thanks,

Maarten