
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
