
Subject: Re: Appending data to a dataset in an HDF5 file
Posted by [Maarten\[1\]](#) on Fri, 02 Feb 2007 08:50:32 GMT
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On Feb 1, 4:51 pm, eddie haskell <hask...@nospam.edu> wrote:
>> The title says it all, really: I'm trying to create a dataset with an
>> unlimited dimension, so that I can append data later, preferably
>> without reading the previous data.
>
> There are several possible issues as to why it is failing for you:
>
> When you create your dataset you must set the chunk_dimensions keyword
> to be able to extend the size of a dataset.
>
> You use h5d_extend to actually extend the dataset
>
> If you want to write new data in the extended space without touching the
> original data you need to use a hyperslab

Thanks, the example is really useful (you'd hope that something like
this appears
in the manual at some time in the future). For now I accumulate the
data in memory,
and dump at the end of the run. Since it seems that you need a full
array, even when
appending a few bytes, I don't think this is really practical, or good
on the memory use.
I guess it is possible to call the write routine with a different
memory space, but that
part of the documentation is quite bad.

thanks anyway.

Maarten
