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Subject: Re: reading/writing large files

Posted by [Carsten Lechte](#) on Fri, 01 Feb 2013 15:46:01 GMT

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Hi, Russel

> Any ideas?

Have a look at the HDF5 scientific data format. You can write multiple-dimensional arrays of any data type, with the option of growing the array along one dimension, which should take care of the appending. Upon reading, you can specify a stride and maybe even a subarray. The libraries should be well optimised, so they could be faster than what you have so far.

However, I have not used these features of HDF5 myself, and they may not be accessible in IDL.

chl

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