Subject: IDL "expert" needs help BAD!
Posted by davidf on Wed, 22 Jan 1997 08:00:00 GMT

Folks,

Several people have asked me about writing HDF files, so I
thought I would sit down and write a short tutorial about
it. Here is what I am trying to do:

I have three vectors that represent randomly distributed
longitude and latitude temperature data. Thus, I have three
variables lat, lon, and temp that are all the same length
and data type. I want to store them as a VDATA table
in an HDF file.

Then, I want to grid this data and make a regularly-spaced
2D array. I want to store this data in the same HDF file
as a scientific dataset.

This would seem to be straightforward (even with the
decidedly unhelpful IDL examples, which use an
archaic API), but I am struggling. It has gotten to the
point that I am swearing at my computer. :-)

This is probably programmer error, but does anyone
have an example that they can show me that they know
works. Perhaps if I could see working code and compare
it to my own I could figure out what I am doing wrong.

Many thanks,

David

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