Subject: Re: nCDF_Browser Updated to Support HDF Files
Posted by jameskuyper on Wed, 25 Feb 2009 15:14:39 GMT

Brian Larsen wrote:
> Ahh,
>
> this is showing my supreme ignorance on HDF files.
>
>> As I am pretty sure I pointed out,
>> the HDF implementation I am using *currently* only supports
>> scientific datasets (SD).
>
> In my mind this is a scientific dataset, apparent that doesn't mean
> what I think it means :)

Within the context of HDF, "scientific dataset" refers to a particular
kind of data that you can store in an HDF file. A scientific data set is
a multi-dimensional named array of a single specific data type, to which
can be attached a number of named attributes, each of which can be a
one-dimensional array of a specific data type.

Other things you can store in an HDF file include vdatas (essentially
1-dimension arrays of a structure type with a fixed layout; the vdata
fields can be a mixture of different data types), vgroups, and images in
8-bit, 24-bit, and general raster formats, palettes, and annotations.