
Subject: Re: I have the craziest idea...

Posted by [Paul van Delst](#) on Wed, 14 Feb 2001 20:27:51 GMT

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tbowers wrote:

>

> I've written a widget program that I've tried to design as a general data

> import interface.

Cool.

<snip>

> Feedback would be appreciated.

Your snippet of code under the EXAMPLE: heading scared me away. I would pare it down to:

```
; slImported = ngDataImporter()
;
; ;//Let's say the data imported was a US ARMY GMS 3D grid file
; IDL> help, slImported, /STRUCT
; ** Structure <1354308>, 13 tags, length=2022472, refs=1:
;   DATA      DOUBLE  Array[101, 61, 41]
;   XDATA      DOUBLE  Array[101]
;   YDATA      DOUBLE  Array[61]
;   ZDATA      DOUBLE  Array[41]
;   TDATA      BYTE    0
;   ANCILLARYDATA BYTE    0
;   DATANAME    STRING  'c532(1/m)'
;   FILENAME    STRING  Array[1]
;   DATACLASS  STRING  'SCAL_GRID_3S0T'
;   DATATYPE    STRING  'USA_GMS3DG'
;   POLYLINES   BYTE    0
;   ERROR       BYTE    0
;   CANCEL      BYTE    0
```

So how would you enable it to read netCDF and HDF data files and all their associated attributes? Would that be a simple addition? I have a netCDF reader function, that returns data in a structure sorta like your, to plug in if you'd like to try it. I'm sure others out there have similar for HDF.

paulv

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Paul van Delst A little learning is a dangerous thing;
CIMSS @ NOAA/NCEP Drink deep, or taste not the Pierian spring;
Ph: (301)763-8000 x7274 There shallow draughts intoxicate the brain,
Fax:(301)763-8545 And drinking largely sobers us again.

