
Subject: CDF routines for GDL?
Posted by [Matt Francis](#) on Fri, 01 Oct 2010 02:52:01 GMT
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Does anyone know of an implimentation of the CDF IDL routines useable in GDL (for instance IDL language routines rather than the compiled internal ones IDL uses)? Specifically I really just need CDF_EPOCH.

Apologies if GDL is not something people like to talk about in this group.

Subject: Re: CDF routines for GDL?
Posted by [russell.grew](#) on Mon, 04 Oct 2010 22:52:35 GMT
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You may be able to call the Geopack DLM from GDL

http://dysprosium.jhuapl.edu/idl_geopack/

Enjoy.

Subject: Re: CDF routines for GDL?
Posted by [Haje Korth](#) on Wed, 06 Oct 2010 13:00:38 GMT
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Interesting point. Does external DLM code linked against the ITTVIS libraries really work with GDL? I would be very surprised but am curious to find out. Haje

On Oct 4, 6:52 pm, Russell <russell.g...@gmail.com> wrote:

- > You may be able to call the Geopack DLM from GDL
 - >
 - > http://dysprosium.jhuapl.edu/idl_geopack/
 - >
 - > Enjoy.
-

Subject: Re: CDF routines for GDL?
Posted by [Alain Coulais](#) on Fri, 08 Oct 2010 21:50:12 GMT
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On 1 oct, 04:52, Matt Francis <mattjamesfran...@gmail.com> wrote:
> Does anyone know of an implimentation of the CDF IDL routines useable
> in GDL (for instance IDL language routines rather than the compiled
> internal ones IDL uses)? Specifically I really just need CDF_EPOCH.

Unfortunately this function is now not available in GDL.
(contributions welcome)

I realized I forgot to put procedures and functions related to NetCDF
in my supplementary list. Now this list is upgraded here:
http://aramis.obsmpm.fr/~coulais/IDL_et_GDL/supplementary.htm I
(main list here: http://aramis.obsmpm.fr/~coulais/IDL_et_GDL/Matrice_IDLvsGDL.html)

The examples related to NetCDF in IDL/GDL syntax here
<http://www.unidata.ucar.edu/software/netcdf/examples/programs/>
work well in GDL 0.9

Alain

Subject: Re: CDF routines for GDL?
Posted by [Alain Coulais](#) on Fri, 08 Oct 2010 23:28:00 GMT
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On 1 oct, 04:52, Matt Francis <mattjamesfran...@gmail.com> wrote:
> Does anyone know of an implimentation of the CDF IDL routines useable
> in GDL (for instance IDL language routines rather than the compiled
> internal ones IDL uses)? Specifically I really just need CDF_EPOCH.
>
> Apologies if GDL is not something people like to talk about in this
> group.

I just put in the GDL CVS the interface for NCDF_EPOCH.
I have not time now to finish this code it-self, but if someone
send it to me or post it here, I will put it ASAP in the CVS
(links to the useful C functions are in the code,
take care that the EPOCH in C (1970) is different than the IDL one !!)

http://gnudatalanguage.cvs.sourceforge.net/viewvc/gnudatalanguage/gdl/src/ncdf_cl.cpp?r1=1.6&r2=1.7&sortby=date

Alain
