## Subject: Re: dlm returning ptr array and string array
Posted by R.Bauer on Mon, 03 Mar 2003 20:19:30 GMT

Randall Skelton wrote:


>
> I'll bite.
>
>> I started a bit in dlm programming. Because of the latest bug in
>> implementing the netCDF library I have to think in this case about
>> getting more independent from rsi.
>
> Re-implementing the interface to a file format such as netCDF would
> probably be a fair amount of work.

I won't do this at the moment I am thinking about writing our central
reading and writing routines in c. This routine needs as input only the
filename and a list of short names (and optional start, count and stride).


>
>> Now my questions:
>> Is it possible to return a pointer vector by a dlm?
>
> I am not entirely sure I understand what you are asking here.  You cannot
> create an IDL pointer in C, so if that is what you are asking you'll need
> to rethink things.  You can, create and return IDL variables and arrays of
> any type (other than pointers).  Likewise with structures but you cannot
> directly interface these as objects (unless, of course, Ronn has some new
> tricks to show us)

I found an article from Nigel Wade by searching google so I think it is
possible or ?
 .http://groups.google.de/groups?hl=de&lr=&ie=UTF-8&a
mp;threadm=aoehm9%247pf6%241%40rook.le.ac.uk&rnum=9&
prev=/groups%3Fq%3Ddlm%2B%252Bpointer%26hl%3Dde%26lr%3D%26ie
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a IDL library at ForschungsZentrum Juelich
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