Subject: Re: RESTORE-like function using H5
Posted by Nikola on Sat, 10 Dec 2016 09:21:32 GMT
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On Saturday, December 10, 2016 at 4:31:04 AM UTC, Michael Galloy wrote:
> On 12/9/16 4:47 PM, Nikola Vitas wrote:
>> I made save- and restore-like functions using H5 instead of the xdr
>> format. To resolve input variable names in saveh5, I used
>> SCOPE_VARNAMES and that works fine. On the other hand, my restoreh5
>> is a function returning a structure. Just for curiosity, what is the
>> trick with the native RESTORE procedure? How does it make the loaded
>> variables available in memory after the execution? It behaves like a
>> batch file that takes some input (filename, keywords) or as a
>> procedure with a silent STOP before the END.
>>
>
> You can use SCOPE_VARFETCH on the restore side to insert a variable into
> a particular variable name in a particular scope. You can do something
> like the following on the command line:
>
> IDL> (scope_varfetch('data', /enter, level=1)) = findgen(10)
> IDL> help, data
> DATA   FLOAT   = Array[10]
>
> You'll just have to set LEVEL correctly, check out the docs.
>
> Mike
> --
> Michael Galloy
> www.michaelgalloy.com
> Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)

Many thanks for the reply, Michael. It's the first time I'm using any of the scope functions. They seem to be my new favorites of IDL.