
Subject: Re: RESTORE-like function using H5

Posted by [Michael Galloy](#) on Sat, 10 Dec 2016 04:30:59 GMT

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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

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Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)
