
Subject: Re: RESTORE-like function using H5

Posted by [Jim Pendleton](#) on Sat, 10 Dec 2016 00:20:49 GMT

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On Friday, December 9, 2016 at 4:47:51 PM UTC-7, 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.

RESTORE is part of the C-level API (rather than .pro code) so it is able to create variables in whatever scope it wants. It is probably using the equivalent of the exposed entry point IDL_FindNamedVariable(). (See <http://www.harrisgeospatial.com/docs/LookUpVariablesCurrentScope.html>).

Jim P.
