Subject: having a routine .compile something?
Posted by mmiller3 on Wed, 22 Feb 2006 15:57:04 GMT
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Dear IDL gang,

I've written some code that saves some configuration information by writing the IDL code needed to recreate it. For example, to create some object instances, I call it's IDL_code method and save the results to a text file. This file contains lines like

foo = OBJ_NEW('my_thing', args) foo->set_param1, value foo->set_param2, another_value

The idea is that I can recreate the object later on by reading each line in that text file and EXECUTE'ing it. I like this better than a save file becuase I can go and edit the saved file easily . But now I want to go and add multi-line commands to my saved file, like loops and such. Then I cannot use EXECUTE to execute these commands, so I'm looking at CALL_PROCEDURE. I can easily have my objects save a procedure, instead of a series of single line commands. Then when I read the file, I can find the procedure name and CALL_PROCEDURE on it. So my question is, is there a way to .compile the contents of a file from within a procudure or function call, so that I can CALL_PROCEDURE it?

I suspect that there is no way to do that, so I'm wondering if anyone has suggestions for a work around. I suppose I can create a unique procudure name and corresponding file name. Put a "PRO unique_name, args" at the head of that file, append the contents of my saved IDL commands, append an end, and then do a "CALL_PROCEDURE, unique_name, args", which, as long as my unique_name.pro file is in the IDL_PATH, will run my procesure. Any comments or suggestions?

Mike

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Subject: Re: having a routine .compile something?
Posted by Michael Galloy on Sat, 01 Apr 2006 09:32:57 GMT
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Michael A. Miller wrote:

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- > procudure or function call, so that I can CALL_PROCEDURE it?

Yes, RESOLVE_ROUTINE will do it. Specifiy the name of the routine as an argument and RESOLVE_ROUTINE will (re)compile it.

-Mike