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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Michael A. Miller mmiller3@iupui.edu
Imaging Sciences, Department of Radiology, IU School of Medicine