

Posted by [mmiller3](#) on Wed, 22 Feb 2006 15:57:04 GMT

Dear IDL gang,

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

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 procedure 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 procedure. Any comments or suggestions?

Mike

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

Posted by [Michael Galloy](#) on Sat, 01 Apr 2006 09:32:57 GMT

Michael A. Miller wrote:

> 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 because 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
> procedure or function call, so that I can CALL_PROCEDURE it?

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

-Mike
