
Subject: Re: Save file creation rules of the road

Posted by [David Fanning](#) on Thu, 18 Feb 2010 13:23:22 GMT

[View Forum Message](#) <> [Reply to Message](#)

Rob writes:

> I'm trying to create a distributable IDL save file via IDLDE > Project
>> "Build Project". A save file was created without error -- some
> initial complaints were issued, then automatically resolved. I then
> restored this save file in a new IDL cli session. All expected
> functions and procedures were listed, via "restore, /verbose" and
> "help"; see below. However, an attempt to run one of the restored
> procedures yielded the annoying "Variable is undefined:
> SPIDR_ASCII_GET_META.... EXCEPTION..." I've experienced this before
> and the hack I employed wasn't pretty. It involved compiling
> (via .compile) all functions and procedures I thought I needed and
> creating a save file somewhat manually, then a sacrificial lamb and a
> kabuki dance. Thus, I suppose I've never really learned how to create
> a proper save file with just the functionality I need. Can someone
> point me in the right direction?

I had something like this happen to me just the other day,
too. In my case, I had two functions and the second was being
called inside the first to provide a parameter for the first.
Both the functions were named correctly in their respective
files, and both resided in the coyote directory, which is
ALWAYS on my IDL path.

But every time I would run this program after starting up
IDL, it would barf on the same line. Said it couldn't find
that second embedded function! I don't think I had ever
seen this happen before in IDL.

In any case, I inserted a STRICTARR compile option into
that program module, and the problem went away. I wonder
if something changed in the way IDL resolves functions?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
