Subject: Re: Trouble running demo
Posted by Mark Hadfield on Tue, 02 Aug 2005 03:02:34 GMT
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David Fanning wrote:
> Mark Hadfield writes:
>
>> FWIW, demo works fine for me on IDL Version 6.2, Microsoft Windows
>> (Win32 x86 m32). (c) 2005, Research Systems, Inc.
>>
>> The demoobj class is found in
>>
>>   <RSI_DIR>\IDL62\examples\demo\demosrc\demoObj__define.pro
>>
>> Hmmm, that's a mixed-case file name. It will work OK on Windows (because
>> it's case-insensitive) but not on Unix. I wonder if that's the problem.
>
> Whoops! Yes, that demo thing from before was something it found
> in my startup directory (left over from when it did the migration of
> preferences, I think). Now DEMO starts up file, but unlike
> Mark, I find it running a save file:
>
> DEMO   C:\RSI\IDL62\lib\hook\demo.sav
> DEMOEVENT   C:\RSI\IDL62\lib\hook\demo.sav
 > ...

Err, actually I misspoke slightly. When I said "the demoobj class is
found in [a file in the demosrc directory]". I meant that's where *I*
found it. But when I actually run DEMO, IDL loads demo.sav and prints:

  IDL> demo
  Embedded IDL: Research Systems, Inc., IDL Demo System.
  Restored file: DEMO.
  Loaded DLM: XML.

However the demosrc directory *is* on the path so in principle DEMO
should still work if I delete demo.sav (but I haven't tried this yet).

Now, when Richard French tried to run DEMO, he got...

  IDL> demo
  % Attempt to call undefined procedure/function: 'DEMOOBJ__DEFINE'.
  % Error occurred at: DEMO   581
    /usr/local/rsi/idl_6.2/examples/demo/demosrc/demo.pro
  % $MAIN$
  % Execution halted at: $MAIN$

...so for some reason it's not finding the save files and instead

compiling the DEMO procedure from source.

So now there are 2 puzzles on Richard French's system:

  * Why is IDL not finding and restoring demo.sav?

  * In building the demo routines from source, why is
    demoobj__define not found?

A possible answer to the second question is that demoobj_define.pro is
misnamed.

--
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