
Subject: idl path issue

Posted by [sdjohnson@mail](mailto:sdjohnson@mail.com) on Thu, 20 Sep 2012 16:05:10 GMT

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Hi all,

I am encountering a very strange problem with my idl path. I created a procedure and placed it in a directory that is in my path. When I open a new idl session and try to run the program, IDL throws an undefined procedure error. However, I can manually compile the procedure with a .compile and then run it just fine. The terminal session is pasted below. Also note that other procedures in my path seem to compile just fine automatically.

In fact, I have this problem with *any* procedure that I write and place in my path. However, procedures written by others don't give me any trouble (coyote library, goddard astronomy library, xidl, etc). Has anyone else encountered a similar issue? Any tips would be greatly appreciated!

Thanks,

Sean

```
IDL> createSpecProFiles
% Attempt to call undefined procedure/function: 'CREATESPECFILES'.
% Execution halted at: $MAIN$
IDL> .compile createSpecProFiles
% Compiled module: FORMATSPLITNUMBER.
% Compiled module: CREATESPECFILES.
IDL> createSpecProFiles
% Compiled module: MRDFITS.
% Compiled module: FXPOSIT.
% Compiled module: MRD_HREAD.
% Compiled module: SXPART.
% Compiled module: FXPART.
% Compiled module: GETTOK.
% Compiled module: VALID_NUM.
MRDFITS: Image array (2947,150,6) Type=Real*4
% Compiled module: MRD_SKIP.
MRDFITS: Image array (2947,5020) Type=Real*4
MRDFITS: Image array (2947,5020) Type=Real*4
NCOLUMNS    LONG    =    2947
% Compiled module: NUMBER_FORMATTER.
% Compiled module: REPSTR.
% Compiled module: MWRFIT.
% Compiled module: FXADDPART.
% Compiled module: DETABIFY.
% Compiled module: FXPARTPOS.
% Compiled module: SXADDPART.
% Compiled module: FAN.
% Program caused arithmetic error: Floating divide by 0
```

IDL>
