Subject: Re: Something Has Changed Posted by Douglas Dirks on Fri, 18 Jul 2008 16:56:56 GMT View Forum Message <> Reply to Message

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On Jul 18, 9:50 am, "mgal...@gmail.com" <mgal...@gmail.com> wrote:
> On Jul 18, 9:32 am, Douglas Dirks <ddirk...@gmail.com> wrote:
>
>
>> IDL's behavior when searching for routines to compile or restore
>> has not changed -- not in a long time, anyway. In looking at the
>> documentation on automatic compilation, though, I see that the
>> behavior is not particularly well described. I'm adding the following
>> section to the "Automatic Compilation and Execution" topic:
>> ----
>> A Note on Files with Duplicate Names
>> If multiple .pro or .sav files with the same base name exist in the
>> directories
>> specified by the !PATH system variable, IDL will compile or restore
>> the first
>> file it finds, according to the following rules:
   1) IDL begins searching in the first directory specified by the
     !PATH system variable.
>>
>
>> 2) If a .pro file whose base name matches the routine specified
     exists in the directory being searched, IDL compiles it, runs
>>
     the routine, and stops searching.
>>
>> 3) If a .sav file whose base name matches the routine specified
     exists in the directory being searched, IDL restores it, runs
>>
     the routine, and stops searching.
>>
>
>> 4) IDL proceeds to the next directory specified by the !PATH
     system variable and begins testing again with step 2.
>
>> 5) If no file whose base name matches the routine specified is
     found in the directories specified by the !PATH system variable,
     IDL issues an
>>
        Attempt to call undefined procedure/function
     error, and halts execution.
>>
>> ----
>> I hope that clears things up a bit,
>> Doug Dirks
```

>

- > I think it would also be useful to include searching for system
- > routines/DLM_PATH and files in the current directory in your steps.

>

- > Mike
- > --www.michaelgalloy.com
- > Tech-X Corporation
- > Software Developer II

Excellent point, Mike. IDL looks *first* in the current directory, then starts in the directories specified by !PATH. I'll add that to the updated thext.

Thanks, Doug