
Subject: Re: Something Has Changed

Posted by [Michael Galloy](#) on Fri, 18 Jul 2008 15:50:05 GMT

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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

--

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