Subject: Re: Automatic Compilation
Posted by Evelien Vanhollebeke on Tue, 08 Mar 2005 16:19:05 GMT

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Hi,

I can confirm this and also add that you shouldn't use numbers in your
filenames, otherwise, they will not be compiled automatically.

Cheers,
Evelien

Nuno Oliveira wrote:
> Thanks for all the answers. I took a few hours to see what was going on...
>
>   It seems I finally got the point. This seems to be a case sensitive
> trick. Let's see, if I can explain (and maybe someone can confirm this -
> notice I'm working in Linux)
>
>   If you have already add "your" working directory do idl path has I did
> try do save this code as testing_routine.pro
>
>   PRO testing_routine
>   print, 'testing for running without explicit compilation '
>   END
>
> IDL> testing_routine
> % Compiled module: TESTING_ROUTINE.
> testing for running without explicit compilation
>
>
> and then try to save this other code as Testing_Routine.pro
> (it is needed to reset_session before trying to call this other routine)
>
>   PRO Testing_Routine
>   print, 'testing for running without explicit compilation '
>   END
>
> IDL> Testing_Routine
> % Attempt to call undefined procedure/function: 'TESTING_ROUTINE'.
> % Execution halted at: $MAIN$
>
> and for this last case you will see that idl is attempt to call.
>
> Quite funny, ins't it? Can someone please confirm this? :)
>

--
Evelien Vanhollebeke
Instituut voor Sterrenkunde
http://www.ster.kuleuven.ac.be

Subject: Re: Automatic Compilation
Posted by Michael Wallace on Tue, 08 Mar 2005 16:26:49 GMT
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> Can someone please confirm this? :)

 From the IDL Docs:
"When you enter the name of an uncompiled user-defined routine at the
command line or call the routine from another routine, IDL searches the
current directory for filename.pro, then filename.sav where filename is
the name of the specified routine. If no file is found in the current
directory, IDL searches each directory specified by !PATH."

The important point here is that IDL always searches for file names that
are in lower case.

-Mike

Subject: Re: Automatic Compilation
Posted by K. Bowman on Tue, 08 Mar 2005 16:57:36 GMT
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In article <1110298745.482208@seven.kulnet.kuleuven.ac.be>,
 Evelien Vanhollebeke <evelien@ster.kuleuven.ac.be> wrote:

> Hi,
>
> I can confirm this and also add that you shouldn't use numbers in your
> filenames, otherwise, they will not be compiled automatically.

Huh? I use numbers all the time in my file names and they compile
automatically.

Ken Bowman

Subject: Re: Automatic Compilation
Posted by Michael Wallace on Tue, 08 Mar 2005 17:17:41 GMT

>> Hi,
>>
>> I can confirm this and also add that you shouldn't use numbers in your
>> filenames, otherwise, they will not be compiled automatically.
>
>
> Huh? I use numbers all the time in my file names and they compile
> automatically.
>

IDL allows numbers to be used in routine names as long as the first
character is not a number. These get compiled automatically just like
ones without numbers. If you try to use a routine that starts with a
number, you'll get a syntax error.

-Mike

Subject: Re: Automatic Compilation
Posted by Kenneth P. Bowman on Wed, 09 Mar 2005 00:17:50 GMT

In article <112rnhltohs0u8c@corp.supernews.com>,
 Michael Wallace <mwallace.no.spam@no.spam.swri.edu.invalid> wrote:

>>> Hi,
>>>
>>> I can confirm this and also add that you shouldn't use numbers in your
>>> filenames, otherwise, they will not be compiled automatically.
>>
>>
>> Huh? I use numbers all the time in my file names and they compile
>> automatically.
>>
>
> IDL allows numbers to be used in routine names as long as the first
> character is not a number. These get compiled automatically just like
> ones without numbers. If you try to use a routine that starts with a
> number, you'll get a syntax error.
>
> -Mike

Well, yeah, just like variable names, but that's not what he said.

Ken