Subject: Re: 'Open Declaration' finds the wrong instance of a routine
Posted by Rob Klooster on Wed, 17 Jul 2013 14:31:42 GMT
View Forum Message <> Reply to Message

Op woensdag 10 juli 2013 22:09:17 UTC+2 schreef Bill Gallery het volgende:
> On Wednesday, July 10, 2013 12:21:11 PM UTC-6, David Fanning wrote:
>
>> Bill Gallery writes:
>
>>
>
>>
>
>>
>
>>>
>
>>
>
>>> The idl workbench has a convenient feature: in the editor, if you right-click on a call to a procedure and select "Open Declaration", idl will open that procedure in a new window. However, it doesn't always find the correct instance of that procedure. Details below.
>
>>
>
>>>
>
>>
>
>>> I have a project that contains multiple copies of an idl procedure calc_a.pro (see diagram below.)
>
>>
>
>>> - Only one copy of calc_a is in !path.
>
>>
>
>>> - The routine calc_b.pro calls calc_a.
>
>>
>
>>> - In calc_b.pro, if I right-click on the call to calc_a and select "Open Declaration", it opens \project\old\calc_a.pro not \project\proc.calc_a.pro.
>
>>
>
>>> - However, 'help,/source' shows that the desired copy of calc_a.pro has been compiled.

>

>>

>

>>>

>

>>

>

>>> How do I prevent IDL from opening the wrong copy of calc_a.pro? The different copies of calc_a.pro may be different leading to confusion or worse.

>

>>

>

>>>

>

>>

>

>>> Notes:

>

>>

>

>>>  - C:\MyProject\old is ***not*** in !path nor is './'

>

>>

>

>>>  - Project>Properties>IDL Project Properties>"Update IDL path when project is opened or closed" is un-checked.

>

>>

>

>>>  - The tab "Problems" shows

>

>>

>

>>>     "Duplicate Routine: calc_a  calc_a.pro   C:\MyProject\old

>

>>

>

>>>

>

>>

>

>>> The problem does not appear to be with !path, but I can't find any other settings or preferences that control this behavior.

>

>>

>

>>>

>

>>

>

>>>  Any suggestions?

>

>>

>

>>

>

>>

>

>> I would say both directories MUST be on your IDL path. ExelisVis is not

>

>>

>

>> the NSA, they aren't scrubbing your hard drive looking for duplicate

>

>>

>

>> files. They are looking in your IDL path.

>

>>

>

>>

>

>>

>

>> If you print !Path, are you *sure* you don't see the old directory

>

>>

>

>> there?

>

>>

>

>>

>

>>

>

>> I suppose it is possible they search every directory in the project

>

>>

>

>> directory. My project directory and my IDL directory are generally a

>

>>

>

>> long ways from one another, which may explain why I've never seen

>

>>
>
>> anything like this. :-)
>
>>
>
>>
>
>>
>
>> Cheers,
>
>>
>
>>
>
>>
>
>> David
>
>>
>
>> --
>
>>
>
>> David Fanning, Ph.D.
>
>>
>
>> Fanning Software Consulting, Inc.
>
>>
>
>> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>
>>
>
>> Sepore ma de ni thue. ("Perhaps thou speakest truth.")
>
>
>
> David,
>
>
>
> Neither the directory \MyProject\old nor any oblique reference to it (e.g., '.\') are in !path.
Furthermore, idl finds the correct version (\MyProject\proc\calc_a.pro) when compiling, e.g.,

resolve,/all.
>
>
>
> Its a mystery.
>
>
>
> Bill

Just a guess, but there might be a hard-coded reference to that routine in the .metadata folder inside your project.

Rob.

---