
Subject: Re: Another IDL Doc Question

Posted by [wlandsman](#) on Thu, 05 Jan 2012 21:24:08 GMT

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I had similar problems that were cured by rearranging the order of the keywords. For example, the keyword alpha would not appear if the procedures was defined like this:

```
pro test,beta=beta, alpha=alpha, gamma=gamma
```

but it would appear if the procedure was defined like this:

```
pro test,alpha=alpha,beta=beta,gamma=gamma
```

This is presumably some sort of bug but I didn't do enough testing to be sure of when it occurs. I did find that I never had problems when the keywords were in alphabetical order. --Wayne

Subject: Re: Another IDL Doc Question

Posted by [David Fanning](#) on Thu, 05 Jan 2012 22:15:44 GMT

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wlandsman writes:

> I had similar problems that were cured by rearranging the order of the keywords. For example, the keyword alpha would not appear if the procedures was defined like this:

>

> pro test,beta=beta, alpha=alpha, gamma=gamma

>

> but it would appear if the procedure was defined like this:

>

> pro test,alpha=alpha,beta=beta,gamma=gamma

>

> This is presumably some sort of bug but I didn't do enough testing to be sure of when it occurs.

I did find that I never had problems when the keywords were in alphabetical order. --Wayne

Humm. No, both keywords and the keyword documentation is in proper alphabetical order. (At least, as I remember the alphabet! Does T3D go before or after THICK? I have it before).

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Subject: Re: Another IDL Doc Question
Posted by [David Fanning](#) on Thu, 05 Jan 2012 22:58:33 GMT
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David Fanning writes:

- > Humm. No, both keywords and the keyword documentation
- > is in proper alphabetical order. (At least, as I
- > remember the alphabet! Does T3D go before or
- > after THICK? I have it before).

Here is another clue. At the top of the documentation that
is produced, there is a notation on this file that is
not present in other files. It says: "Contains a main-level
program."

This is not true. The program does NOT contain a main-level
program. I suppose all might be right if I could figure out
why it thinks it does. :-(

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Another IDL Doc Question
Posted by [Matt\[2\]](#) on Thu, 05 Jan 2012 23:18:33 GMT
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David Fanning <news@dfanning.com> writes:

- > This is not true. The program does NOT contain a main-level
- > program. I suppose all might be right if I could figure out
- > why it thinks it does. :-(

Isn't this the kind of problem that is easier to solve when the program in question is included? You could post the file for us to look at?

Cheers,

Matt

--

Matthew Savoie - Senior Software Developer
National Snow and Ice Data Center
(303) 735-0785 <http://nsidc.org>

Subject: Re: Another IDL Doc Question

Posted by [David Fanning](#) on Thu, 05 Jan 2012 23:31:07 GMT

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David Fanning writes:

> Here is another clue. At the top of the documentation that
> *is* produced, there is a notation on this file that is
> not present in other files. It says: "Contains a main-level
> program."
>
> This is not true. The program does NOT contain a main-level
> program. I suppose all might be right if I could figure out
> why it thinks it does. :-(

OK, problem solved!

There is a module in this file that I didn't write. It has inside the module a WHILE loop written like this:

```
WHILE t lt 5 DO BEGIN t = t * 10 & ipow = ipow +1 & ENDWHILE
```

When I write the WHILE loop like this, all documentation works as expected!

```
WHILE t lt 5 DO BEGIN  
  t = t * 10 & ipow = ipow +1  
ENDWHILE
```

Who woulda known!?

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Another IDL Doc Question
Posted by [David Fanning](#) on Thu, 05 Jan 2012 23:42:19 GMT
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savoie@nsidc.org writes:

> Isn't this the kind of problem that is easier to solve when the program
> in question is included? You could post the file for us to look at?

Well, it is a big file, with lots and lots of keywords.

I always try to think, "What would I want if I were
in *that* person's shoes!" ;-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
