Subject: Re: Happy Reasons to use IDL 8.1 Posted by David Fanning on Tue, 24 May 2011 15:34:38 GMT

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David Fanning writes:

- > I've discovered another happy reason to love IDL 8.1
- > this morning. I couldn't figure out why a main-level
- > program wouldn't compile. It didn't like this line:

> img = Image(image, ...)

>

- > Apparently, you can't define an image variable with
- > the name "image" and then use it as the argument
- > to the Image function.

No problem doing this at the IDL command line:

IDL> W = WINDOW(DIMENSIONS=[800,800) IDL> image = cgdemodata(7) IDL> img = image(image,/current)

I don't know *what* is going on with my main-level program. I know main-level programs don't really work in IDL 8.1, so maybe it just has something to do with that. Well, they work, just don't ever make a programming error in one, or you are hosed for that IDL session. I'm not sure they get recompiled correctly. Maybe that is what happened.

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: Happy Reasons to use IDL 8.1 Posted by David Fanning on Tue, 24 May 2011 15:37:40 GMT View Forum Message <> Reply to Message

David Fanning writes:

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>> Apparently, you can't define an image variable with
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>
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> IDL> image = cgdemodata(7)
> IDL> img = image(image,/current)
>
> I don't know *what* is going on with my main-level
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> do with that. Well, they work, just don't ever
> make a programming error in one, or you are hosed
> for that IDL session. I'm not sure they get
> recompiled correctly. Maybe that is what happened.
So now I renamed "bob" back to image and everything
compiles and runs perfectly.
Did I mention I *love* IDL 8.1. :-)
Cheers.
David
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Sepore ma de ni thui. ("Perhaps thou speakest truth.")
```

Subject: Re: Happy Reasons to use IDL 8.1
Posted by David Fanning on Tue, 24 May 2011 20:06:05 GMT
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David Fanning writes:

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> So now I renamed "bob" back to image and everything
> compiles and runs perfectly.
> Did I mention I *love* IDL 8.1. :-)
Oh, for God's sake. Now it wants me to name
my image variable BOB again!!
IDL> help, image
IMAGE
             UNDEFINED = <Undefined>
IDL> help, /source
Compiled Procedures:
$MAIN$
                   C:\IDL\default\log_test2.pro
BUILD_TESTMODULE
                            C:\Program Files\ITT\IDL\IDL81\external\dlm
\build testmodule.pro
CGCONTROL
                       C:\IDL\coyote\cgcontrol.pro
Compiled Functions:
IDL> .compile -v 'C:\IDL\default\log_test2.pro'
 IMG = IMAGE(IMAGE,RGB_TABLE=RGB_TABLE,/CURRENT,LAYOUT=
[2,1,1],TITLE='Linear')
% Syntax error.
 At: C:\IDL\default\log_test2.pro, Line 37
What the *hell* is going on here!? :-(
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.")
```