
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
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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. :-)

Cheers,

David

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David Fanning, Ph.D.

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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:

```
> 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.")
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