Posted by Carsten Lechte on Thu, 16 Apr 2009 10:51:32 GMT View Forum Message <> Reply to Message lbnc@lbnc.de wrote: > IDL>plot, indgen(23), indgen(23), xminor \$ > plot, indgen(23), indgen(23), xminor \$ > IDL: PLOT: Incorrect number of arguments. > > plot, indgen(23), indgen(23), xminor \$ > IDL: Syntax error. FWIW: IDL Version 6.4 (linux x86 m32). (c) 2007, ITT Visual Information Solutions IDL > plot, indgen(23), indgen(23), xminor = 4 IDL> plot, indgen(23), indgen(23), xminor \$ IDL > =4IDL> no error. chl Subject: Re: bug or feature? Posted by jameskuyper on Thu, 16 Apr 2009 10:52:46 GMT View Forum Message <> Reply to Message lbnc@lbnc.de wrote: > Hi there, > in the IDL 6.3 documentation it says: > > > Dollar Sign (\$) > The dollar sign at the end of a line indicates that the current > statement is continued on the following line. The dollar sign > character can appear anywhere a space is legal except within a string > constant or between a function name and the first open parenthesis. > Any number of continuation lines are allowed. > > So I do:

> IDL>plot, indgen(23), indgen(23), xminor = 4

Subject: Re: bug or feature?

```
Lovely! However:
IDL>plot, indgen(23), indgen(23), xminor $
plot, indgen(23), indgen(23), xminor $
^
IDL: PLOT: Incorrect number of arguments.
```

You have just given the plot command 7 arguments. The \$ character makes the above pair of lines equivalent to a single line:

plot, indgen(23), indgen(23), xminor plot, indgen(23), indgen(23), xminor

I hope you can understand why IDL complains about that command?

```
    IDL>plot, indgen(23), indgen(23), xminor = $
    IDL> 4
    So anyway, seems like the documentation is wrong. Maybe. Depends how
    you define "string constant" but I would not include the assign
    operator "=" as part of it.
```

I don't see how you reach that conclusion. String constants have nothing

```
Subject: Re: bug or feature?
Posted by Ibnc on Thu, 16 Apr 2009 11:17:27 GMT
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```

Tion : craim incodage a resp., to message

On 16 Apr, 11:52, James Kuyper <jameskuy...@verizon.net> wrote:

> You have just given the plot command 7 arguments. The \$ character makes
> the above pair of lines equivalent to a single line:
> plot, indgen(23), indgen(23), xminor plot, indgen(23), indgen(23), xminor
>

No, I haven't. And I would show you if I could reproduce the error. But magic has happened and I cannot get IDL to complain anymore. Hence I now agree with Carsten. Strangely. Except when you do

IDL>plot, indgen(23), indgen(23), xminor\$

because then the \$ is, of course, part of the variable name.

Ah well Lasse Subject: Re: bug or feature?

Posted by R.Bauer on Thu, 16 Apr 2009 11:50:02 GMT

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```
lbnc@lbnc.de schrieb:
```

- > On 16 Apr, 11:52, James Kuyper <jameskuy...@verizon.net> wrote:
- >> You have just given the plot command 7 arguments. The \$ character makes
- >> the above pair of lines equivalent to a single line:

>>

>> plot, indgen(23), indgen(23), xminor plot, indgen(23), indgen(23), xminor

>>

>

- > No, I haven't. And I would show you if I could reproduce the error.
- > But magic has happened and I cannot get IDL to complain anymore. Hence
- > I now agree with Carsten. Strangely. Except when you do

I don't see magic.

- >
- > IDL>plot, indgen(23), indgen(23), xminor\$
- > because then the \$ is, of course, part of the variable name.
- _
- > Ah well
- > Lasse

works in 7.0

IDL> plot, indgen(23), indgen(23) \$ IDL> ,xstyle=1

IDL> plot, indgen(23), indgen(23), xminor \$ IDL> =4

cheers Reimar

Subject: Re: bug or feature?

Posted by R.Bauer on Thu, 16 Apr 2009 11:50:50 GMT

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```
lbnc@lbnc.de schrieb:
> Hi there,
>
> in the IDL 6.3 documentation it says:
>
> Dollar Sign ($)
> The dollar sign at the end of a line indicates that the current
> statement is continued on the following line. The dollar sign
> character can appear anywhere a space is legal except within a string
> constant or between a function name and the first open parenthesis.
> Any number of continuation lines are allowed.
> So I do:
>
  IDL>plot, indgen(23), indgen(23), xminor = 4
>
 Lovely! However:
> IDL>plot, indgen(23), indgen(23), xminor $
> plot, indgen(23), indgen(23), xminor $
make sure if it happens also after you have started idl or did a .reset.
cheers
Reimar
 IDL: PLOT: Incorrect number of arguments.
> plot, indgen(23), indgen(23), xminor $
>
 IDL: Syntax error.
>
  No good. But I can do:
> IDL>plot, indgen(23), indgen(23), xminor = $
> IDL> 4
> So anyway, seems like the documentation is wrong. Maybe. Depends how
> you define "string constant" but I would not include the assign
> operator "=" as part of it.
>
> Come to think of it, I should probably report that to ITTVIS instead
> of posting it here...
> Cheers
```

```
Subject: Re: bug or feature?
Posted by R.G. Stockwell on Thu, 16 Apr 2009 20:01:19 GMT
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<lbnc@lbnc.de> wrote in message
news:ac79dbba-9bab-4486-b29a-815b429e6a6a@h28g2000yqd.google groups.com...
> Hi there,
>
> IDL>plot, indgen(23), indgen(23), xminor $
  plot, indgen(23), indgen(23), xminor $
> ^
> IDL: PLOT: Incorrect number of arguments.
> plot, indgen(23), indgen(23), xminor $
> IDL: Syntax error.
Wild Guess (and referring to the fact you cannot reproduce it).
you had no space between xminor, and the $
when you got the error.
It though you were passing 3 arrays, hence the error.
cheers,
bob
```