Subject: Re: bug or feature?
Posted by Carsten Lechte on Thu, 16 Apr 2009 10:51:32 GMT
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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> =4
IDL>

no error.

chl

Subject: Re: bug or feature?
Posted by jameskuyper on Thu, 16 Apr 2009 10:52:46 GMT
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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

>
> 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 lbnc on Thu, 16 Apr 2009 11:17:27 GMT
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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

> Lasse

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
