
Subject: Re: IDE internal error

Posted by [greg.addr](#) on Wed, 17 Feb 2016 10:48:02 GMT

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On Tuesday, February 16, 2016 at 9:16:19 PM UTC+1, Dick Jackson wrote:

> On Tuesday, 16 February 2016 09:10:58 UTC-8, greg...@googlemail.com wrote:

>> IDL Version 8.4, Microsoft Windows (Win32 x86_64 m64).

>>

>>

>>

>> Here's a weird one. Enter:

>>

>> IDL> s=['[65.6943,17.4105]','[65.6768,17.4409]','[65.6451,17.4626]','[65.6148,17.4793]','[65.5749,17.5018]']

>> IDL> a=strjoin(s)

>>

>> then click on 'A' in the 'Variables' window of the IDE. It pops up a window saying -

>>

>> An internal error occurred during: "compute variable details".

>> For input string: "65.6943"

>>

>> But if you reset and delete the last element of s:

>>

>> IDL> s=['[65.6943,17.4105]','[65.6768,17.4409]','[65.6451,17.4626]','[65.6148,17.4793]']

>> IDL> a=strjoin(s)

>>

>> everything works as it should.

>>

>>

>> With 5 elements, this produces the same error:

>>

>> IDL> s=['[65.6943,17.4105]','[65.6768,17.4409]','[65.6451,17.4626]','[65.6148,17.4793]','3']

>>

>>

>> but this doesn't:

>>

>> IDL> s=['[65.6943,17.4105]','[65.6768,17.4409]','[65.6451,17.4626]','3','3']

>>

>>

>> What's going on here?

>> Greg

>

> That is indeed strange. I see the same thing with "IDL Version 8.5.1, Microsoft Windows (Win32 x86 m32)."

>

> You can make the test even simpler:

>

> IDL> a='[65.6944,17.4105][65.6768,17.4409][65.6451,17.4626][65.61 48,17.4793]'

```

> ; works fine
>
> IDL> a='[65.6943,17.4105][65.6768,17.4409][65.6451,17.4626][65.61 48,17.4793] '
> ; even adding a blank causes failure in variable inspector
>
> These strings cause errors reporting the number I mark below (view this with a fixed-width
font... and with a width > 80!):
>
> IDL> a='11.1111,22.2222][33.3333,44.4444][55.5555,66.6666][77.777 7,88.8888] '
> IDL> ;          ^^^^^^
> IDL> a='[11.1111,22.2222][33.3333,44.4444][55.5555,66.6666][77.77 77,88.8888] '
> IDL> ;  ^^^^^^
> IDL> a='111.1111,22.2222]333.3333,44.4444][55.5555,66.6666][77.77 77,88.8888] '
> IDL> ;          ^^^^^^
> IDL> c='123456789012345678901234567890123456789012345678901234567
8901234567890'
> IDL> ; OK!
>
> This caused a different error:
> IDL> c='[12345678901234567890123456789012345678901234567890123456
78901234567890'
> IDL> ;An internal error occurred during: "compute variable details".
> IDL> ;String index out of range: -1
> IDL> c='123456789012345678901234567890123456789012345678901234567
8901234567890'
> IDL> ; OK!
> IDL> c='123456789012345678901234567890123456789012345678901234567 8901234567['
> IDL> ; OK
> IDL> c='123456789012345678901234567890123456789012345678901234567
89012345678['
> IDL> ; String index out of range: -1
>
> IDL> c='[12345][6789012345678901234567890123456789012345678901234
56789012345678'
> IDL> ; displays value as: "null"!
>
> If you file a bug report, I'll bet it will get fixed. Very curious.
>
> Cheers,
> -Dick
>
> Dick Jackson Software Consulting Inc.
> Victoria, BC, Canada --- http://www.d-jackson.com

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Perhaps the IDE is trying to do some regex processing on the displayed values, since the guilty strings contain '[', ']' and '.' (might explain why it always displays '\ as '\\')

I sent a bug report.

cheers,
Greg
