
Subject: IDE internal error

Posted by [greg.addr](#) on Tue, 16 Feb 2016 17:10:54 GMT

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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

Subject: Re: IDE internal error

Posted by [Dick Jackson](#) on Tue, 16 Feb 2016 20:16:16 GMT

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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=["","","",""]
> 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=["","",""]
> IDL> a=strjoin(s)
>
> everything works as it should.
>
>
> With 5 elements, this produces the same error:
>
> IDL> s=["","","","'3']
>
>
> but this doesn't:
>
> IDL> s=["","","','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=""
; works fine
```

```
IDL> a=' '
; 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] '
```

```
IDL> ;          ^^^^^^
IDL> a=' '
IDL> ; ^^^^^^
IDL> a='111.1111,22.2222]333.3333,44.4444] '
IDL> ;          ^^^^^^
IDL> c='12345678901234567890123456789012345678901234567 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>

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.
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>>
>> 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'
```

