
Subject: Re: Simple bug in IDL 5.4 compiler under Win2000
Posted by [Foldy Lajos](#) on Mon, 29 Oct 2001 17:43:55 GMT
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Hi,

IDL regards 1d+ as a double constant. Try 'help, 1d+' or 'a=1d+'. Both works. Try 'a=1d+x'. It gives a syntax error: a constant followed by a variable. So this '1d+ is a double constant in IDL' syntax is weird.

regards,
Lajos Foldy

On 29 Oct 2001, William Thompson wrote:

```
> Joe Means <joe.means@orst.edu> writes:
>
>> Rick,
>> Regarding your question about whether this behavior is a bug, my
>> rationale for saying so is that it the offending statement contains no
>> incorrect IDL syntax that I can see.
>> Joe
>
> Actually, I would argue that writing a number as simply "1d" is incorrect
> syntax, or at least sloppy syntax. IDL lets you get away with it in most cases
> (obviously not here), but the number really should be written as "1d0".
>
> Sorry, I don't mean to come off as harsh.
>
> William Thompson
>
>
>> Rick Towler wrote:
>
>>> Bug? I don't know.
>>>
>>> But I can confirm that as written, I get the same error in IDL 5.4 and
>>> 5.5(beta) on Win2k and in IDL 5.3 and 5.4.1 on Solaris (sunos sparc).
>>>
>>> FWIW, if you put spaces around your "+" you don't get the error:
>>>
>>> -Rick
>>>
>>> "Joe Means" wrote in message news:3BD85C6F.8040606@orst.edu...
>>>
>>>> This looks like a simple bug in the IDL 5.4 compiler under Windows2000.
```

```
>>>> If others confirm this, then RSI you may want to take note. Perhaps it
>>>> is fixed in 5.5 which I cannot afford yet.
>>>>
>>>> PRO Showbug
>>>>
>>>>   numAll1Rets = 6
>>>>   segmentT = 2d
>>>>
>>>>   distancesT = segmentT*(Dindgen(numAll1Rets-2)+1d)
>>>>
>>>>   distancesT = segmentT*(1d+Dindgen(numAll1Rets-2))
>>>>   ;This second statement generates a compile error:
>>>>   ;%Syntax error.
>>>>
>>>> Return
>>>> End
>>>>
>
>> --
>> Joseph E. Means
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>
>
```
