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Subject: Re: Strange Bug with numeric double constants

Posted by [badastro](#) on Thu, 25 Mar 1999 08:00:00 GMT

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In comp.lang.idl-pvwave Alex Schuster <[alex@rosa.mpin-koeln.mpg.de](mailto:alex@rosa.mpin-koeln.mpg.de)> wrote:

> Hi!

> I just experienced some weird IDL behaviour:

> IDL> help, 1.0d+2.0d

> help, 1.0d+2.0d

>           ^

> % Syntax error.

> IDL> help, 1d+2d

> help, 1d+2d

>           ^

> % Syntax error.

> Strange, isn't it?

Nope. ;-) IDL expects that what follows the 'd' is the exponent, like 100 being 1.d2 or 1.d+2. If you put a 'd' after the 2, it doesn't recognize it as being part of the exponent, so it barfs. The same things happens if you use an 'e' instead of 'd'. It doesn't happen with byte numbers because the 'b' doesn't precede an exponent.

\* \* \* \* \* The Bad Astronomer \* \* \* \* \*

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