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Subject: Strange Bug with numeric double constants  
Posted by [Alex Schuster](#) on Mon, 22 Mar 1999 08:00:00 GMT  
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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? There's no problem with byte constants:

```
IDL> help, 1b+2b
```

```
<Expression>  BYTE    =  3
```

An additional blank helps:

```
IDL> help, 1d +2d
```

```
<Expression>  DOUBLE  =  3.0000000
```

I didn't try IDL 5.2, but it happened with 4.0 and 5.1 on Unix and Windows. I guess IDL expects an exponential notation like 1d0, and is confused by the nonnumeric plus character.

Alex

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PGP Key available