
Subject: Reads Precision Error?

Posted by [chris](#) on Sun, 05 Mar 1995 08:26:35 GMT

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Hi Folks,

I didn't see this in the FAQ, but it appears that the very useful reads command fails to preserve double precision, EVEN if the target variables are defined double precision beforehand.

Example:

```
three = [0.123456789012345d0,1.d0,1.d0]
a = 1.d0 & b = 1.d0 & c=1.d0      ;inititalize double
reads,three,a,b,c
print,three(0),a,f='(D40.30)'
```

And you get:

```
0.1234567890123449997358283649191
0.1234567899999999996809698643574
      ^
      Error in the 10th place.
```

Any ideas?

-chris
