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Subject: reading double precision  
Posted by [dudley](#) on Fri, 10 Mar 1995 16:01:41 GMT  
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chris@sfsu.edu writes:

> 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.

I had similar problems defining double precision constants.

Apparently when converting from text to internal formats,  
double precision numbers MUST be explicitly specified by the  
suffix 'D0'. In IDL for windows:

a=1234.567890 & print,a,format='(f10.6)' yields 1234.567871  
but  
a=1234.567890D0 & print,a,format='(f10.6)' yields 1234.567890

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