
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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John Wesley Dudley II, Ph.D. dudley@shell.com

Sr. Research Physicist !{uupsi}!shell!dudley

Shell Development Company (713)245-7927
