
Subject: double max value?

Posted by [Nando lavarone](#) on Wed, 04 Aug 1999 07:00:00 GMT

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<HTML>

Hi.

what do you think?

<P>IDL 5.1 on AIX 4.2

<P>IDL> defsysv,'!PQF_D',1.7976931348623158D308,1

IDL> print,!PQF_D

 1.7976931e+308

% Program caused arithmetic error: Floating underflow

IDL> print,1.7976931348623158D308

 1.7976931e+308

% Program caused arithmetic error: Floating underflow

IDL> a=!PQF_D

IDL> print,a

 1.7976931e+308

% Program caused arithmetic error: Floating underflow

<P>IDL 5.1 on IRIX-SGI 6.3

<P>IDL> defsysv,'!PQF_D',1.7976931348623158D308,1

IDL> print,!PQF_D

 1.7976931e+308

IDL> print,1.7976931348623158D308

 1.7976931e+308

IDL> a=!PQF_D

IDL> print,a

 1.7976931e+308

<P>What is the configuration bit corresponding to double NaN?

How to print a double like 1d300 in extended format

(i.e. 10000000000.....0000000 (300 zero)) if the format
don't accept more then

255 digits?

<P>Than you.

<PRE>--

Nando lavarone

Advanced Computer System - SPACE DIVISION

via Lazzaro Belli, 23

00040 Frascati - RM

Tel: +39-6-944091 (switchboard)

