
Subject: DOUBLE trouble

Posted by [Jacco de Zwart](#) on Tue, 09 Mar 1999 08:00:00 GMT

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Hi,

Can someone please repeat and/or explain the IDL DOUBLE() results below?

This is a copy of an IDL 5.2 session on a Silicon Graphics O2 running IRIX 6.3, IDL 5.2 on a Digital PW 500a running Digital UNIX 4.0D gave the same results... Thanks a lot for the help,

Jacco

PS Please remove the .NOSPAM from my mail address when replying.

```
IDL> a=3.  
IDL> print,a  
      3.00000  
IDL> print,double(a)  
      3.0000000  
IDL> b=3.1  
IDL> print,b  
      3.10000  
IDL> print,double(b)  
      3.0999999  
IDL> c=fltarr(1)  
IDL> c[0]=2.9  
IDL> print,c  
      2.90000  
IDL> print,double(c)  
      2.9000001
```
