
Subject: Re: Floating Array Shows no numbers after the dot
Posted by [Martin Downing](#) on Wed, 20 Feb 2002 09:32:21 GMT
[View Forum Message](#) <> [Reply to Message](#)

"Emmler, Oliver" <oemmler@ix.urz.uni-heidelberg.de> wrote in message
news:a4tre2\$lgv\$1@news.urz.uni-heidelberg.de...

> Hi,
>
> I tried the following:
>
> Array = FLTARR[15]
> Time = 123456.123456
> Array[0] = Time
> Print, Array[0]
>
> All numbers after the colon are gone.
>
> Can anyone help ?
> Do i have to use DCOMPLEXARR ?
> Is this problem caused by Pre-Formatting due to the system ?
>
Hi Oliver,

The answer is simple - the FLOAT type which you are using has only 6
significant digits, whereas type DOUBLE has a couple more, and COMPLEX is
for complex numbers :)

[hmm - as an aside, does anyone know why DOUBLE can only store 2 more digits
cf. FLOAT considering it uses 4 extra bytes which is enough for a 10 digit
LONG ?]

Martin
