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Subject: Re: Floating Array Shows no numbers after the dot  
Posted by [Martin Downing](#) on Wed, 20 Feb 2002 15:09:29 GMT  
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"Craig Markwardt" <craigmnet@cow.physics.wisc.edu> wrote in message  
news:onsn7wtejc.fsf@cow.physics.wisc.edu...

>  
> "Martin Downing" <martin.downing@ntlworld.com> writes:  
>> [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 ?]

>  
> Hi Martin--  
>  
> Where are you getting your info? I get the following:  
> float - mantissa 24 bits = 7.2 decimal digits  
> double - mantissa 53 bits = 16.0 decimal digits  
> DOUBLE can store more than twice as many digits as FLOAT. The  
> increase in digits in the exponent is fewer. I got these values from  
> MACHAR().

>  
Its Ok, I was just advertising how stupid my brain can be before I have  
fully woken up/recaffienated. I was of course observing print default  
formats.

I think its called doing a "Homer" (-:0) Doh!

Martin

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