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Subject: Re: Floating Array Shows no numbers after the dot  
Posted by [Craig Markwardt](#) on Wed, 20 Feb 2002 14:26:47 GMT  
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"Martin Downing" <[martin.downing@ntlworld.com](mailto: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().

Craig

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