
Subject: Re: Quadruple Precision?
Posted by [sterner](#) on Thu, 19 Jan 1995 13:40:00 GMT
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chris@mercury.sfsu.edu (Christopher McCarthy) writes:

- > Is quadruple precision possible in IDL? EG. what I believe would be:
- > real *16 in FORTRAN.
- > On my machine (Sparc 1) double precision seems to be good to ~16 digits.
- > (IDL's !dpi differed from Mathematica's pi (to 30 placed) in the 16th digit.
- > No I haven't bothered to look up the real pi to check mathmatica!)
- > Any thoughts? Thanks.

Let me point you to the Pi Page:

<http://www.ccsf.caltech.edu/~roy/pi.html>

Here is a small extract from the 50,000 digit subpage:

3.
141592653589793238462643383279502884197169399375105820974944
592307816406286208998628034825342117067982148086513282306647
093844609550582231725359408128481117450284102701938521105559
644622948954930381964428810975665933446128475648233786783165
271201909145648566923460348610454326648213393607260249141273
724587006606315588174881520920962829254091715364367892590360
011330530548820466521384146951941511609433057270365759591953
092186117381932611793105118548074462379962749567351885752724
891227938183011949129833673362440656643086021394946395224737
190702179860943702770539217176293176752384674818467669405132

There is also a link to a 1,250,000 digit page if 50,000
are not enough.

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