Subject: Re: what is Floating illegal operand question?
Posted by James Kuyper on Mon, 18 Apr 2005 21:24:12 GMT
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Haje Korth wrote:
> Well, if I understand this right, 0/0 is defined and the result is 0, so
> that the division by zero message is only informational. On the other hand
> 0./0. is not defined for floating point numbers and results in an error (see
> http://mathworld.wolfram.com/DivisionbyZero.html). Correct me if I am wrong.

0/0 is exactly as undefined for integers as 0.0/0.0 is for floating
point. To see why that is true, please try to identify a finite floating
point value for f that is NOT a solution to this equation:

 0.0*f eq 0.0

Then try to find an integer value for i that is NOT a solution for

 0*i eq 0

Is it any easier for the integer case than for the floating point case?