Subject: Re: summation problem
Posted by Manish on Thu, 05 Apr 2001 12:32:30 GMT
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Nice one mate, worked a treat.

Thanks,

Manish

"Jaco van Gorkom" <j.c.van.gorkom@fz-juelich.de> wrote in message
news:3ACC53E1.A396D87C@fz-juelich.de...
> Manish wrote:
> ...
>> I have a program which produces an array of values of sunlight flux
during
>> the day. Unfortunately, it produces crazy numbers before the sunrises
and
>> after it sets(as expected). I'm summing the values throughout the day
to
>> get a total integrated day flux, but here's the problem - is there a way
of
>> telling the TOTAL function to ignore negative numbers and NaN numbers?
>
> Yes, there is a way:
> IDL> test = [0,-1,3,4,!values.f_nan]
> IDL> print, total(test>0,/nan)
> 7.00000
> % Program caused arithmetic error: Floating illegal operand
>
> The 'illegal operand' error appears to be harmless, caused by comparing
test>0:
> IDL> print, test>0
> 0.00000 0.00000 3.00000 4.00000 NaN
> % Program caused arithmetic error: Floating illegal operand
>
>> I guess this is a simple problem, but would appreciate any help
> It is simple enough, but only once you know the solution.
>
> cheers,
> Jaco