Subject: Re: avoiding "floating illegal operand" errors with /nan keyword in mean
Posted by Paul Levine on Thu, 22 Aug 2013 19:26:46 GMT

On 2013-08-21 21:11:45 +0000, Fabien said:

> Hi Paul,
>
> I also had the same problem:
> https://groups.google.com/forum/#!topic/comp.lang.idl-pvwave /XmPXtQE6VZ0
>
> It is not necessary to use a for loop to avoid the warnings, you just
> need to write your own MEAN() where you check for cases with
> TOTAL(FINITE(data), dimension) eq 0 but you have to decide if it worth
> it or not...

Thanks, that thread is an interesting read. I was thinking I would
probably just use Wayne Landsman's suggestion of ignoring the math
errors. But your suggestion of writing a new MEAN() got me looking,
and I found the AVG() function in the astronomy library, which looks
like it does just that, and was in fact heavily modified by Wayne
Landsman himself.