Subject: Re: Mean and NaNs
Posted by Fabzi on Wed, 06 Feb 2013 19:06:08 GMT
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Hi Craig,

On 02/06/2013 06:38 PM, Craig Markwardt wrote:
> What do you expect to happen when*all* of the values are NAN?

I expect a NaN.

So the result of mean() is consistent to me, but the "Floating illegal operand" is annoying.

For example, I have a 3D array of geopotential heights at a certain pressure level, some of the pixels are always NaNs because of topography. I compute means on the third dimension which is time. When I Plot the results, I can go along automatically with NaNs in my data image. I just find it awkward and inefficient to have to write a case for these pixels, just to remove the "Floating illegal operand" warning...

But it seems quite useless to argue in this direction, my precious posts on the inconsistency in value_locate() results with NaNs also found not much interest

Anyway, thanks for your answer!

Fab