Subject: Re: rebin and !values.f_nan
Posted by David Fanning on Sun, 15 Jul 2007 22:13:48 GMT
View Forum Message <> Reply to Message

Nick writes:

> Thank you for your reply.
> I could find where is 'NaN' vaule, but I had to omit these 'NaN' value
> in order to change array. It's hard point for me. If I change NaN
> values to zero, values which are changed by Rebin will be lower than
> original values (True values).
>
> A = [1.5,2.5,3.6,4,7,8.8,9.0,!values.f_nan]
> print, rebin(A, 1)
> ;True value is 5.2
> ;But if I changed NaN to zero, the result is 4.55
>
> The example case is so simple that I can fix it easily, but my data
> have 1440*720 array.
> So I couldn't fix thise one by one. Is there any methods?

I suppose there could be an infinite number of "methods,"
but the point is that all of them would create "data" out
of whole cloth. Thus, we are going to leave the responsibility
for it up to you, who has to answer for it in front of a
scientific audience. (You have told your advisor what you
are up to, I presume.)

How many NANs are there? So many you can't fix them!?
Perhaps your time could be spent more profitably trying
to figure out how to collect more real data. :-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")