Subject: Re: rebin and !values.f_nan
Posted by David Fanning on Sun, 15 Jul 2007 16:20:34 GMT
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Nick writes:

> I have regular arrayed data (1440*720). I'd like to change this data
> to 360*180 array.
> So I use 'Rebin' function.
> But these data have NaN value.
> If I use Rebin and there is a NaN value, new array becomes also NaN.
>
> For example, if there is only one NaN in the old array, the new-array
> becomes NaN. But I want to make a new array except NaN data. This
> situation makes residual data wasteful.
>
> A = [1.5,2.5,3.6,4,7,8.8,9.0,!values.f_nan]
> print, rebin(A, 1)
> ;result is 'NAN'
> ;That I expected value is mean(A, /nan)
>
> Is there any know-how to change array except NaN?

Well, you seem to know how to change your array.
Why don't you just find the NANs, change them to
what you want them to be, then do the REBIN?

Cheers,

David
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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.")