Subject: Re: Removing and Replacing Nan values in IDL
Posted by adhdunn on Thu, 19 Jul 2012 14:36:54 GMT
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It might help to also have the other part of the code as well. Everything below is before the section I posted previously:

```
openr, lun, 'F:\PhD\Data\MODIS\LST\h9v4_h10v4_LST_daynight', /get_lun

band = fltarr(2401, 1200)
image = assoc(lun, band)

openw, lun, 'F:\PhD\Data\MODIS\LST\h9v4_h10v4_LST_mnthavgTST_2010', /get_lun
filter = assoc(lun, band)

imageout = image[0]
imagetwo = image[1]


a= image[0]/image[1]

; evaluate division result to make sure it's a valid #
; then examine all indices that represent valid numbers to see if they're GT 1.2
; i.e., find places where image[0] values are 1.2x greater than corresponding
 image[1] values

removefirst = where(a[where(FINITE(a) eq 1)] gt 1.2, count)

; if division result gt 1.2
; replace all values in imageout with values from image[1] that are 1.2x less
   than image[0]

if count GT 0 then imageout[removefirst] = imagetwo[removefirst]

for i = 0,23,2 do begin

   image1 = image[i]*0.02-273.15
   image2 = image[i+1]*0.02-273.15

 filter[i/2] = image1>image2
```