Subject: Counting the number of iregular value in regular grid
Posted by Nick[1] on Sat, 26 May 2007 06:04:07 GMT
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I was trying to count the number of irregular data in regular grid.
I made code but it's too slow to calculate my lots of data.
Could you give me some advice to make this code more faster?
Thank you, Jungbin

```
;1 X 1 Grid
glon = -179.5 + findgen(360)
glat = 89.5 - findgen(180)

        for j = 0, 359 do begin
          if [ (lon(x)-0.5 ge glon(j)) and (lon(x)+0.5 lt glon(j)) ]
then begin
          for k = 0, 179 do begin
            if [ (lat(x)+0.5 le glat(k)) and (lat(x)-0.5 gt
glat(k)) ] then begin
              if ( finite( value(j,k) ) eq 1 ) then nn(j,k) = nn(j,k)
+ 1
            endif
          endfor ;k
          endif
```