
Subject: Re: gridding large amounts of data
Posted by [agrap](#)s on Fri, 07 Oct 1994 05:44:00 GMT
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dan@danberg.llnl.gov (Dan Bergmann) writes:

```
[..]  
> ... I could do this in an ugly do loop that  
> looked like  
  
> data=fltarr(360,180)  
> for i=1,num do $  
>   data(longitude(i),latitude(i)) = data(longitude(i),latitude(i)) + value(i)  
  
> This works fine for small values of num, but for num>32,767 I get an error  
> saying my do loop index is too large.
```

This is a kind of idl "gotcha". I wrestled with this on a late evening, a few years ago, when I similarly had to loop for greater than 32,767 times.

The secret is to make i a long integer:
for iL=1,num do \$
 ^^^

And that will solve your problem.

Amara

```
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Intergalactic Reality    bio: finger -lm agraps@netcom.com  
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```

"Picture a massless particle." --A Koan of Modern Physics

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