
Subject: Re: How to make IDL faster

Posted by [parkkw](#) on Thu, 30 Oct 2003 00:35:05 GMT

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parkkw@mail1.pknu.ac.kr (Park Kyung Won) wrote in message
news:<eceee805.0310282135.5448e3af@posting.google.com>...

```
> Hello
> I write message first time.
> If I want to compare trmm satellite data with ground point data,
> I used to this line.
>
> geo(0,207,2985) : trmm latitude
> geo(1,*,*) : trmm longitude
> lat : ground location(latitude)
> lon : ground location(longitude)
> rain : automatic weather system rainfall data
> highf(0,207,2985) : trmm brightness temperature data
>
> for i=0,207 do begin
>   for j=1200,1700 do begin
>     for k=0,di(0)-1 do begin
>
> if geo(0,i,j) gt lat(k)-0.04 and geo(0,i,j) lt lat(k)+0.04 and $
>   geo(1,i,j) gt lon(k)-0.04 and geo(1,i,j) lt lon(k)+0.04 then begin
>   printf,lun3,loc(k),lon(k),lat(k),rain1(k),rain(k),highf(0,i, j)
> endif
>
> endfor
> endfor
> endfor
>
> When I caculate 26 trmm data, I wait almost 2hour.
> How can I change this program?
> Help me.
```

Thank you for your answer.

I have mistake.

```
geo(0,*,*) : trmm latitude
geo(1,*,*) : trmm longitude
lat : ground location(latitude)
lon : ground location(longitude)
rain : automatic weather system rainfall data
highf(0,207,2985) : trmm brightness temperature data
```

k : number of ground station
