
Subject: Re: anyone has "indgen_array.pro"?
Posted by [wgallery](#) on Tue, 27 May 2008 16:56:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

On May 27, 12:17 pm, Likun <Likun.W...@gmail.com> wrote:

> Hi, All:
>
> I am using lonlat2reg.pro to process my data. The code stopped
> somewhere and needed the program called
> "indgen_array". Anyone knows where I can access to it?
>
> Thank you in advance,
>
> glon = indgen_array(nlon, nlat, /lon) * dlon + lon0[0] + dlon /
> 2.
> glat = indgen_array(nlon, nlat, /lat) * dlat + lat0[0] + dlat /
> 2.
>
> Likun~

Likun,

It can be found in the same place as lonlat2reg.pro and is part of Peter Alberts map_image package found at:

<http://wew.met.fu-berlin.de/idl/>

However, that link appears to be dead so here is indgen_array.pro.

Bill Gallery

```
function indgen_array, x_size, y_size, $  
    latitude = latitude, longitude = longitude  
  
IDL> print, indgen_array(3, 4, /lat)  
;      0      0      0  
;      1      1      1  
;      2      2      2  
;      3      3      3  
IDL> print, indgen_array(3, 4, /lon)  
;      0      1      2  
;      0      1      2  
;      0      1      2  
;      0      1      2
```

```
if keyword_set(longitude) then begin  
    xxx = indgen(x_size)  
    yyy = intarr(y_size) + 1  
endif
```

```
if keyword_set(latitude) then begin  
    xxx = intarr(x_size) + 1  
    yyy = indgen(y_size)  
endif  
return, yyy ## xxx
```

```
end
```
