
Subject: Re: anyone has "indgen_array.pro"?
Posted by [Likun](#) on Tue, 27 May 2008 18:25:45 GMT
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Hi, Bill:

Got it. Thank you very much,

Likun~

On May 27, 12:56 pm, Bill Gallery <wgal...@aer.com> wrote:

> 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
```
