
Subject: MAP_CONTINENTS with MAP_PROJ_INIT created !Map

Posted by [mike.otepka](#) on Wed, 19 Nov 2008 16:31:49 GMT

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Hi all,

Here's what I know how to do w.r.t. mapping continents onto an image
(i.e. using MAP_SET):

```
IDL> window,/f,xs=<xdim>,ys=<ydim>
IDL> map_set,ctrlat,ctrlon,/projection_name,/noborder,/horiz, $
        xmargin=[0,0],ymargin=[0,0],limit=
[latmin,lonmin,latmax,lonmax]
IDL> tv, image
IDL> map_continents
```

Is there a way to do this using MAP_PROJ_INIT to create my !Map
variable rather than MAP_SET?

Here's what I've got so far:

```
IDL> map = map_proj_init(projection_name, $
        limit=[latmin,lonmin,latmax,lonmax], $
        center_latitude =ctrlat, $
        center_longitude=ctrlon,
$
        /GCTP)
```

(Yeah, I know, not much.)

According to IDL Help, MAP_PROJ_FORWARD or MAP_PROJ_INVERSE need to
come into play but I don't really see how.

Any direction would be much appreciated.

Thanks!

-Mike
