
Subject: Re: draw maps

Posted by [f055](#) on Thu, 06 Apr 1995 07:00:00 GMT

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In article <3m05fi\$9hn@dicscs4.jrc.it>, sonia.mosca@cen.jrc.it (SONIA MOSCA) writes:

|>
|> Does anyone know how to fill sea with a color (or lines or pattern)
|> when using MAP_CONTINENT procedure?
|>
|> Thank you
|>
|> Sonia
|>

Please also forward any replies to me. Also, is it possible to fill the land with colour when using MAP_CONTINENT?

Cheers, Tim Osborn

t.osborn@uea.ac.uk
Climatic Research Unit,
University of East Anglia
Norwich, UK

Subject: Re: draw maps

Posted by [afl](#) on Thu, 06 Apr 1995 07:00:00 GMT

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In article <3m0fe6\$8so@kwuz.nerc-keyworth.ac.uk>, Fergus Gallagher <F.Gallagher@nerc.ac.uk> writes:

|> Try the following:
|>
|> erase,colour
|> map_set,/noerase,.....
|>
|> However, this does not work for hardcopy (PS at least).
|>
|> Anyone got a more general solution?
|>
|> Fergus

The unfortunate thing about the above solution is that it does not cause the ocean to be a color which is different from the continents. I am running IDL 4.0b3 (a beta version). Here is a plug for purchasing IDL 4.0 since I believe my solution

(in whole) cannot be done with an earlier version of IDL.
Here is an example...

```
BLUE=33      ; For my personal color table 33 is blue.
map_set, /cyl
polyfill,!x.window([0,1,1,0,0]),!y.window([0,0,1,1,0]),color =BLUE,/norm

map_continents, /fill, color=!p.background  ; Fill in the continents
map_continents      ; Draw continental outlines
```

This works for an Xterm and any other color output device,
including postscript. The key is the NEW /fill keyword in map_continents.
If one does not mind having the ocean and continents the same color, then
one could omit the line with the /fill keyword.

--

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Subject: Re: draw maps
Posted by [Fergus Gallagher](#) on Thu, 06 Apr 1995 07:00:00 GMT
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Try the following:

```
erase,colour
map_set,/noerase,.....
```

However, this does not work for hardcopy (PS at least).

Anyone got a more general solution?

Fergus

```
=====
| Fergus Gallagher          |
| Remote Sensing Applications Development Unit |
| British National Space Centre      |
| Monks Wood                   |
| Huntingdon PE17 2LS / UK         |
|                               |
| F.Gallagher@nerc.ac.uk          |
| http://uh.nmt.ac.uk/bnsc/fgg.html |
```

=====

Subject: Re: draw maps

Posted by [Fergus Gallagher](#) on Fri, 07 Apr 1995 07:00:00 GMT

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f055@uea.ac.uk (T.Osborn) wrote:

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> t.osborn@uea.ac.uk
> Climatic Research Unit,
> University of East Anglia
> Norwich, UK

I use the Thomas Oettli's procedures for the CIA World Map dataset available from ftp.sma.ch. Apart from having a higher resolution dataset, it has the ability to fill the continental polygons with an arbitrary colour.

The routines are straightforward to use, only slightly more complicated than the IDL routines (an index file has to be preloaded)

Fergus

=====
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