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. They 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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erase,colour
map_set,/noerase,......

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

Anyone got a more general solution?

Fergus

==
| Fergus Gallagher |
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| |
| F.Gallagher@nerc.ac.uk |
| http://uh.nmt.ac.uk/bnsc/fgg.html |

==

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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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> Cheers, Tim Osborn
>
> 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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