
Subject: Problems with hires maps with IDL v4.0.1
Posted by [eckman](#) on Thu, 24 Aug 1995 07:00:00 GMT
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I just installed IDL v4.0.1 on a DEC Alpha running OSF/1 v3.2C and cannot use the high resolution maps. A simple example of the problem is:

```
IDL> map_set,/mercator,/continents,/hires
% Compiled module: MAP_SET.
% Compiled module: MAP_CONTINENTS.
% Compiled module: FILEPATH.
% Array dimensions must be greater than 0.
% Error occurred at: MAP_CONTINENTS 575
  /usr1/local/rsi/idl_4/lib/map_continents.pro
%          MAP_SET          901
  /usr1/local/rsi/idl_4/lib/map_set.pro
%          $MAIN$
% Execution halted at: $MAIN$
```

Does anyone running the new version of IDL see the same thing? This worked fine under IDL v4.0.

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Subject: Re: Problems with hires maps with IDL v4.0.1
Posted by [frank](#) on Wed, 06 Sep 1995 07:00:00 GMT
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Here are some more strange features (?) of the hires maps.
The coastlines apparently contains more information than
is ever lectured in a geography class!

I keep finding unexisting (?) coastlines spread out across the world.
Some island and lakes have double lines.
Several open contours exists.

Are there errors in the CIA database?

Check out the double stitched islands:

```
window,0,xsize=700,ysize=700,retain=2
map_set,/merc,limit=[-23, 54, -18, 59],/grid
map_continents, /hires, /coast
```

Or this strange mosaic :

```
window,0,xsize=700,ysize=700,retain=2
map_set,/merc,limit=[-75, -80, -70, -70], /grid
map_continents, /hires, /coast
```

Or these numerous open lines in the south-east part of the Red Sea:

```
window,0,xsize=700,ysize=700,retain=2
map_set,/merc,limit=[15, 40, 20, 43], /grid
map_continents, /hires, /coast
```

There are several more examples of these three effects.

What's going on ?

(BTW: IDL 4.0, SGI IRIX 5.3)

If we can't trust CIA, who CAN we trust?

--

```
/*           Spacetec a.s           */
```

```
/* Telephone : +47 77 68 45 00    Telefax: +47 77 65 58 59 */
```

```
/*    (...with the bravery of being out of range!)    */
```
