
Subject: Mind Boggling Problem with Map_Proj_Init
Posted by [David Fanning](#) on Fri, 01 Oct 2010 16:48:59 GMT
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Folks,

A couple of weeks ago I suspected an evil spirit had been set loose in the world to infect a colleague's computer. The long and short of it is this: Some of my map routines, which **always** work, were failing on her machine. She couldn't run any of my mapping software!

Basically, any time she tried to put continental boundaries on top of an image, MAP_CONTINENTS reported "Map transform not established". Say what!? I **was** establishing a friggin' map transform with Map_Proj_Init in the line of code just BEFORE this line! So what gives here?

```
mapStruct = Map_Proj_Init(...)  
Map_Continents, MAP_STRUCTURE=mapStruct, ...
```

After several hours of putting great bald patches on my head by scratching the hair out, I finally discovered the problem. And then today the problem re-appears in the form of an e-mail from someone else. The unexplained convergence has prompted me to send a note to other unwitting souls who may find themselves in similar straights.

Bottom line. Don't use the **old** Map_Continents routine you may have gotten from the rotten bastard who ran off with the department secretary to Tahiti. Or maybe, as today, you found in a copy of the ESRI IDL library you installed on your machine way back in 1986.

Use a more modern one. Say, the one that came with your current IDL distribution. Things will go a LOT better for you. :-)

You can find out which Map_Continents you are using by typing one or the other (or all!) of these IDL commands:

```
IDL> Print, File_Which('map_continents.pro')
```

```
IDL> .compile map_continents  
IDL> Help, /Source
```

It should be the one that lives in an IDL lib directory!

C:\Program Files\ITT\IDL\IDL80\lib\map_continents.pro

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
