
Subject: Re: Compilation error with code from ENVI Help
Posted by [Peter Mason](#) on Tue, 30 Nov 2004 03:35:37 GMT
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Neil. wrote:

<...>

> ; Create the map information
> map_info = envi_map_info_create (/geographic, mc=mc1, ps=ps1)
>
> I get a compilation error on the "map_info =" line and I have
> no idea why. I'm quite new to programming, and slowly becoming
> acquainted with the alien logic required, but this code is copied
> directly from the examples in ENVI Help!

Hi Neil,

You have encountered a fairly rich form of alien logic here. The short of it is that IDL decided that `envi_map_info_create()` is an array (not a function), then choked on the keywords. In the words of RR: "It's a tradition, an old charter, or something."

Try one of these to sort it out:

1] Include the statement `FORWARD_FUNCTION ENVI_MAP_INFO_CREATE` at the start of your .PRO file.
2] Include the statement `COMPILE_OPT STRICTARR` or (even better) `COMPILE_OPT IDL2` at the start of the procedure / function that calls `envi_map_info_create`. Or just make a habit of putting it at the start of each one, to avoid the array / function ambiguity more generally.

Cheers
Peter Mason

Subject: Re: Compilation error with code from ENVI Help
Posted by [Neil Sims](#) on Wed, 15 Dec 2004 23:15:28 GMT
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Thanks Peter
`Compile_opt idl2` works a treat.
Chhers. Neil.
