
Subject: Re: baffling syntax error

Posted by [Michael Galloy](#) on Thu, 22 Apr 2010 21:16:51 GMT

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On 4/22/10 3:03 PM, Gray wrote:

```
> Hi all,
>
> I have a function declaration with both positional and keyword
> parameters like this:
>
> FUNCTION WR_subtract, imga, imgb, WARP_DEG=wdeg, SKY_STYLE=skyst, $
>   SCALE_STYLE=scast
>
> ...and in another procedure I call the function like this:
>
> interp_res =
>   wr_subtract(intrp,civ,warp_deg=3.,sky_style=1,scale_style=1)
>
> However, that function call gives me a syntax error when I try to
> compile:
>
>   interp_res =
>   wr_subtract(intrp,civ,warp_deg=3.,sky_style=1,scale_style=1)
>                                     ^
> % Syntax error.
>
> Why the error??
>
> Thanks!
> --Gray
```

I would guess that IDL thinks that "wr_subtract" is an array and you invalidly indexing it. Fix this with a "compile_opt strictarr" statement at the beginning of the routine that *calls* wr_subtract (and, of course, by using []'s, not ()'s, to index arrays inside that routine).

Mike

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