
Subject: IDL 6.2 Array Definition Question (Program code area full)

Posted by [mshep](#) on Wed, 19 Apr 2006 15:44:42 GMT

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Hi,

I did a quick search on the news group but did not find anything recent.

I thought the "Program code area full" when explicitly defining arrays was resolved back in IDL 5.3, but I ran into it again.

Here is a simple example to demonstrate my issue:

```
IDL> .r full_test.pro
% Compiled module: FULL_TEST.
IDL>
IDL> full_test,
[0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9 ,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9],
$
IDL>
[0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9 ,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9],
$
IDL>
[0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9 ,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9],
$
IDL>
[0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9 ,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9],
$
IDL>
[0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9 ,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9],
$
[0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9 ,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9],
$
```

^

% Program code area full.

IDL>

PRO full_test, a_arr, b_arr, c_arr, d_arr, e_arr, f_arr , g_arr

END

I am generating arrays in a perl script and passing them into IDL so simply setting:

```
a_arr =  
[0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9 ,0,1,2,3,4,5,6,7,8,9,0,1,2,3,4,5,6,7,8,9]
```

and

```
full_test, a_arr, ....
```

is not an option for me.

Any insights would be greatly appreciated.

Thanks,
mark
