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

Posted by news.qwest.net on Wed, 19 Apr 2006 18:28:23 GMT

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"mshep" <mshep@aer.com> wrote in message

news:1145469488.757805.179980@i40g2000cwc.googlegroups.com.. .

>

> Hi Ken,

>

> Thanks for the reply.

>

> As I mentioned in a response to Reimar, the main question is why does

> IDL place a limit on the amount of array elements being passed

> explicitly?

Everything limits their input buffer, or else a user could crash the computer

if they "accidentally" gave too large of an input. It is a famous bug from the old

days. There are just better ways to handle the situation. It is like you are

trying to put your luggage into your glove box instead of the trunk. :)

> I could just write out the arrays in perl to a file and then read the

> file in using IDL

sounds good.

Or use your existing perl script to create a main level IDL code where you define your arrays:

Pro call_full_test

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]

b_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]

c_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]

d_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]

e_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]

f_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]

g_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]

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

end

Then have your script call "call_full_test"

```
$idl_prog_full_test = "call_full_test";
```

```
$idl_run = ".r $idl_prog_call_full_test";
```

```
$exit = "exit";
```

```
$idl_command_try_2 = "$idl_prog_call_full_test";
```

Cheers,

bob
