
Subject: Re: Releasing temporary variables created with IDL_MakeTempArray()
Posted by [dg86](#) on Mon, 06 Apr 2015 14:52:48 GMT

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On Friday, April 3, 2015 at 5:08:14 PM UTC-4, Jim P wrote:

> One other thing to look for... IDL_MakeTempArray() obviously uses some internal bookkeeping above and beyond the underlying malloc() calls to flag data for subsequent heap-freeing operations.

>

> Data allocated this way shows up in HELP, /MEM and the MEMORY() function at the IDL level. You can watch the high water mark rise and fall over time if these data are being freed correctly.

>

> Data allocated outside the context of IDL or with lower level routines such as malloc() will not be accounted for in HELP, /MEM for example.

>

> Depending on your OS, you might use top, Task Manager or Process Explorer to watch the memory use for the entire IDL process. If you find that your process memory grows but HELP, /MEM doesn't show an increase in the high water mark, then the culprit is likely elsewhere in the DLM.

>

> Jim P.

> "I work for Exelis, too"

Dear Jim and Chris,

Thanks for these very helpful pointers. I've been AFK, and will be testing possible solutions later this week. I'll follow up with updates on success (or failure).

All the best,

David
