Subject: Re: IDL Memory Management

Posted by davidf on Fri, 07 Jan 2000 08:00:00 GMT

View Forum Message <> Reply to Message

Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:

- > Windows used to have a non-linear addressing model when physical
- > system memory was scarce. Memory was allocated in chunks which could
- > be moved around by the Windows as needed, thus alleviating the above
- > fragmentation problem. I think however that more recent versions of
- > Windows have accepted the linear "Unix" model of memory architecture
- > that I have described.

As I understand it, the compiler used for the Windows versions of IDL *can* return process memory back to the OS. But it is the only one to do so. It is not a feature, apparently, of UNIX, Mac, and VMS compilers, which rely on Malloc and Free for dynamic memory allocation.

Cheers,

David

David Fanning, Ph.D. Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

Coyote's Guide to IDL Programming: http://www.dfanning.com/

Toll-Free IDL Book Orders: 1-888-461-0155