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Subject: Re: Memory Headaches

Posted by [Pete\[1\]](#) on Fri, 02 Aug 2002 00:01:54 GMT

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Hi Ben,

As far as VARRAY-like support for Win32 is concerned, you have two options that I know about.

The first is in Randall Frank's "IDL tools" DLM, which you can find on Ronn Kling's website (<http://rlkling.com/>) under Freeware. Amongst other things, this DLM contains functions for memory-mapped-file support.

The second is a DLM I've written myself. I was going to post something about it to the group earlier, but changed my mind when I checked the web (shortly before finishing my DLM) and discovered that Randall Frank had already done MMF support. As the issue has come up again, and as my DLM has a bit of a different slant to it, I've changed my mind again, so here it is: Binary at <ftp://ftp.syd.dem.csiro.au/stoneface.zip> and source at [ftp://ftp.syd.dem.csiro.au/stoneface\\_src.zip](ftp://ftp.syd.dem.csiro.au/stoneface_src.zip). Unfortunately this FTP server isn't under my control and it has some peculiar ideas about access rights. If you have any problems with the FTP, email me and I'll email you the ZIP.

About my DLM: It's for Win32 only. I've used it on WinNT4, but it should be okay for Win2000 and maybe even Win9x. It has quite a bit of flexibility on the type of view to be created (array type and dimensions, even structure arrays), it can create more than one (coherent) view on a file at a time, and it can quickly change something (the type, size or offset) of a view - useful for performing semi-random access on huge (multi gigabyte) files. The documentation includes some blurb about your enemy, the Win32 address space.

Cheers

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