

---

Subject: call\_external for file I/O  
Posted by [Charlie Solomon](#) on Wed, 21 Oct 1998 07:00:00 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hello experts,

Is anyone out there using call\_external to read image files into a variable on the Windows NT platform? I have used a c routine on the Solaris platform called map\_file, which bypasses the standard I/O layer and maps data directly into/from memory, making data access very fast compared to using IDL's built in file I/O utils. I did not write map\_file, but my understanding is that it utilizes features in unix which allow this sort of memory mapping without going through the stdio layer. I would love to get the same speed on my NT machine. Any ideas?

Thanks,  
Charlie Solomon  
Raytheon Systems Co., El Segundo

---

---

Subject: Re: call\_external for file I/O  
Posted by [korpela](#) on Tue, 27 Oct 1998 08:00:00 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

In article <712p27\$fr7@hacgate2.hac.com>,  
Charlie Solomon <crsolomon@west.raytheon.com> wrote:  
> VARRAY looks like a good implementation of what our map\_file does,  
> and this site is a very good reference, thank you. I want to work on  
> doing something like this with WindowsNT. Eric's page says that it  
> should be straightforward to convert VARRAY to use Win32's...we'll  
> see!

Did I say straightforward? I could have sworn I said possible. :)  
Let me know what happens. I'll be glad to give any assistance I can.

Eric

--  
Eric Korpela | An object at rest can never be  
korpela@ssl.berkeley.edu | stopped.  
<a href="http://sag-www.ssl.berkeley.edu/~korpela">Click for home page.</a>

---