

## Re: Allocating memory / Writing large files

**Source:** <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.winapi/2005-02/0418.html>

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**From:** Sam Hobbs ([samuel\\_at\\_social.rr.com\\_change\\_social\\_to\\_socal](mailto:samuel_at_social.rr.com_change_social_to_socal))

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See KB article 165942 ("HOWTO: Write Data to a File Using WriteFile API"). It is another possible solution. I assume that the corresponding ReadFile would be easy enough to write.

I am not suggesting this would work in your situation. I don't know your requirements well enough to know what is the best solution. For the benefit of others and for your future reference, that article is worth knowing about.

"Danny" <NOSPAMFORdaniel\_ahorn@yahoo.com> wrote in message news:41fd6d38.2257426@News.Individual.NET...

- > *I'm working with ~100 MB files and need the most efficient way to*
- > *dynamically allocate memory followed by writing it all out to a file*
- > *as fast as possible.*
- >
- > *I was thinking about using dynamic arrays, something like:*
- > *Dim Buffer() as Byte*
- > *and then redimensioning as needed.*
- >
- > *This memory will be filled by an external routine to which I will just*
- > *pass the address with VarPtr(Buffer(0)).*
- >
- > *Writing this out, however, is a different story. I know from past*
- > *experience that standard VB file routines (Put) are excruciatingly*
- > *slow.*
- >
- > *Anyway, I'd appreciate comments on both before I start. APIs based*
- > *solutions are not only welcome but probably necessary to get the*
- > *efficiency I need. Thanks!*
- >
- > *Danny*
- >
- > *(You guessed it! ;o) Remove NOSPAMFOR before emailing.)*