

## Re: fopen\_s

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  - *Date:* Wed, 28 Jun 2006 13:09:30 +0100
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"Eugene Gershnik" <[gershnik@xxxxxxxxxxx](mailto:gershnik@xxxxxxxxxxx)> wrote in message  
[news:O\\$6HiHnmGHA.464@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:O$6HiHnmGHA.464@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

How returning errno helps with error reporting and what this has to do with security as such is beyond my imagination. Presumably somebody at Microsoft has trouble understanding and using an API that doesn't uniformly return error codes in COM manner.

I think we're in danger of taking this too literally in too isolated a case. The new ....\_s APIs which fill buffers (like strcpy\_s) do improve security – IIRC the debug version asserts if you try and overflow the buffer. Maybe fopen\_s is not really needed for security but is just there to complete the set? (Personally I find the new ones – and all the warnings you get if you don't use them – a pain.)

Dave

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For discussion/support see

<http://www.mozart.co.uk/mzusers/maillinglist.htm>