

Re: fopen_s

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"Carl Daniel [VC++ MVP]" <cpdaniel_remove_this_and_nospam@xxxxxxxxxxxxxxxxxxx> wrote in message news:uKn6cltmGHA.3352@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

"Eugene Gershnik" <gershnik@xxxxxxxxxxx> wrote in message news:uoK8rBtmGHA.2372@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

David Webber wrote:

Maybe fopen_s is not really needed for security

Well that's exactly what MSDN says. It is supposed to improve error reporting. However, improving reporting is described as security enhancement... Probably some marketroid drunk more than usual while writing this. ;-)

Actually, it follows directly from studies of security vulnerabilities. Not checking error codes is a major source of security vulnerabilities.

Ok.

Having inconsistent ways of returning error codes is a major source of error codes not being checked.

I don't think it is true. COM had "everything returns HRESULT" policy since the beginning and how much COM code does actually check all of them? The major source of error codes not being checked is that programmers are not punished for doing it. There is nothing MS can do about it.

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