

# There are no bugs in the I/O manager

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 [devblogs.microsoft.com/oldnewthing/20180212-00](https://devblogs.microsoft.com/oldnewthing/20180212-00)

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Mark Zbikowski told me a story from the early Windows NT days.

He found a race condition in the file system code and went to see the lead developer for the I/O subsystem.

“There are no bugs in the I/O Manager,” the developer proclaimed.

Mark walked through the scenario to demonstrate the problem.

The lead developer went to his editor and typed furiously for two or three minutes, ending with a theatrical punch of the **Enter** key.

And he turned to Mark and proclaimed, “There are no bugs in the I/O Manager.”

Raymond Chen

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