

## Learning Outcomes An understanding of the performance of Inodebased files systems when writing small files. An understanding of how a log structured file system can improve performance, and increase reliability via improved consistency guarantees without the need for file system checkers. An understanding of "cleaning" and how it might detract from performance.

2

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"The Design and Implementation of a Log-Structured File System" Mendel Rosenblum and John K. Ousterhout ACM Transactions on Computer Systems, Vol 10, No. 1, February 1992, Pages 26-52

3

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