

Conclusion on FFS

Performance improvements

- Able to get 20-40% of disk bandwidth for large files - 10-20x original Unix file system!
- Stable over FS lifetime
- Better small file performance

Other enhancements

- Long file names
- Parameterization
- Free space reserve (10%) that only admin can allocate blocks from

Improving Reliability

with Log-Structured File system (LFS)
and Journaling File System (ext3)