

Efficient buffered I/O

Tuesday, 21 September 2021 07:00 (30 minutes)

Files are currently managed in PAGE_SIZE units. As DRAM and storage capacities increase, the overhead of managing all these pages becomes more significant. The memory folio patchset lets us cache files in larger units.

In this session, we shall discuss:

- Filesystem changes needed to work with folios instead of pages
- Converting from buffer_heads to iomap
- Using the netfs API
- Future changes to the filesystem - pagecache API

I agree to abide by the anti-harassment policy

I agree

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Session Classification: File Systems MC

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