Learning

- Theory
- Practice

- Hands-on - Exploration

- Impovring performance by

- Improve the performance by

- MR \rightarrow MR' - Clear

- Step 1: Unix | WC -r

2. Concurrent & Consistency

1. and 2. Agreement (con)

- Append

CSE 535
A. 05
2. atomic record expanded (atomic level).
   - multiple presence
   - production - consumes "next".
   - success - first.

1. multiple writers is normal.

\[ \frac{GFS}{Fs} \]

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Boss

- \( \text{Edt} \)
- \( \text{Edt} \) read copy

- more stubborn
- necessary: no large angle for detection.

2. no visible visible lock in the file

multiple access/processing

does allow file to be concurrently open by
Consistency Modality

Consistency Modality

- Two-phase commit
- Defined
- Consistent:

\[ \text{After } \theta \text{ a failure occurs} \]

is atomic.

- Federation upon mutation (e.g. eviction)
- Relaxed consistency model

Consistency Modality