Test creaeting pdf from markdown

Distributed Transactions - Learning Materials

Articles & Blogs

- Saga Pattern: How to Implement Business Transactions Using Microservices - Comprehensive guide on Saga implementation

- Pattern: Transactional Outbox - Chris Richardson's definitive guide

- Life Beyond Distributed Transactions - Pat Helland's influential paper on scalable systems

Videos

- Distributed Transactions are Dead - Sergey Bykov on modern alternatives

- Saga Pattern Explained - ByteByteGo's visual explanation

- Outbox Pattern with Debezium - Gunnar Morling's deep dive

Technical Documentation

- Debezium Outbox Event Router - Official CDC implementation guide

- AWS Step Functions for Saga - AWS implementation pattern

- Temporal.io Saga Tutorial - Workflow-based Saga implementation

Key Concepts to Explore

- Two-phase commit (2PC) and three-phase commit (3PC)

- Saga orchestration vs choreography

- Compensation and rollback strategies

- Eventual consistency and BASE properties

- Idempotency and exactly-once semantics