

Module Glossary

This module covers the following topics.

Module Glossary

- What is a transaction?
 - Consistent execution
 - Reliable execution
 - States of a transaction
 - Formal definition
 - Classification
- ACID property
 - Atomicity
 - Consistency
 - Isolation
 - Durability

Module Glossary

- Schedule (execution sequence)
 - Recoverable schedule
 - Cascadeless schedule
 - Strict schedule
 - Serializable schedule
- Serial schedule/concurrent schedule
- Serializability/conflict serializability
- Anomalies
 - Unrepeated reads
 - Lost update
 - Blind write
- Precedence graph (testing for serializability)

Module Glossary

- Concurrency control
 - Definition
 - Taxonomy
- Lock-based protocol
 - Definition
 - implementation
 - Variations
- Timestamp-based protocol
 - Definition
 - Implementation