

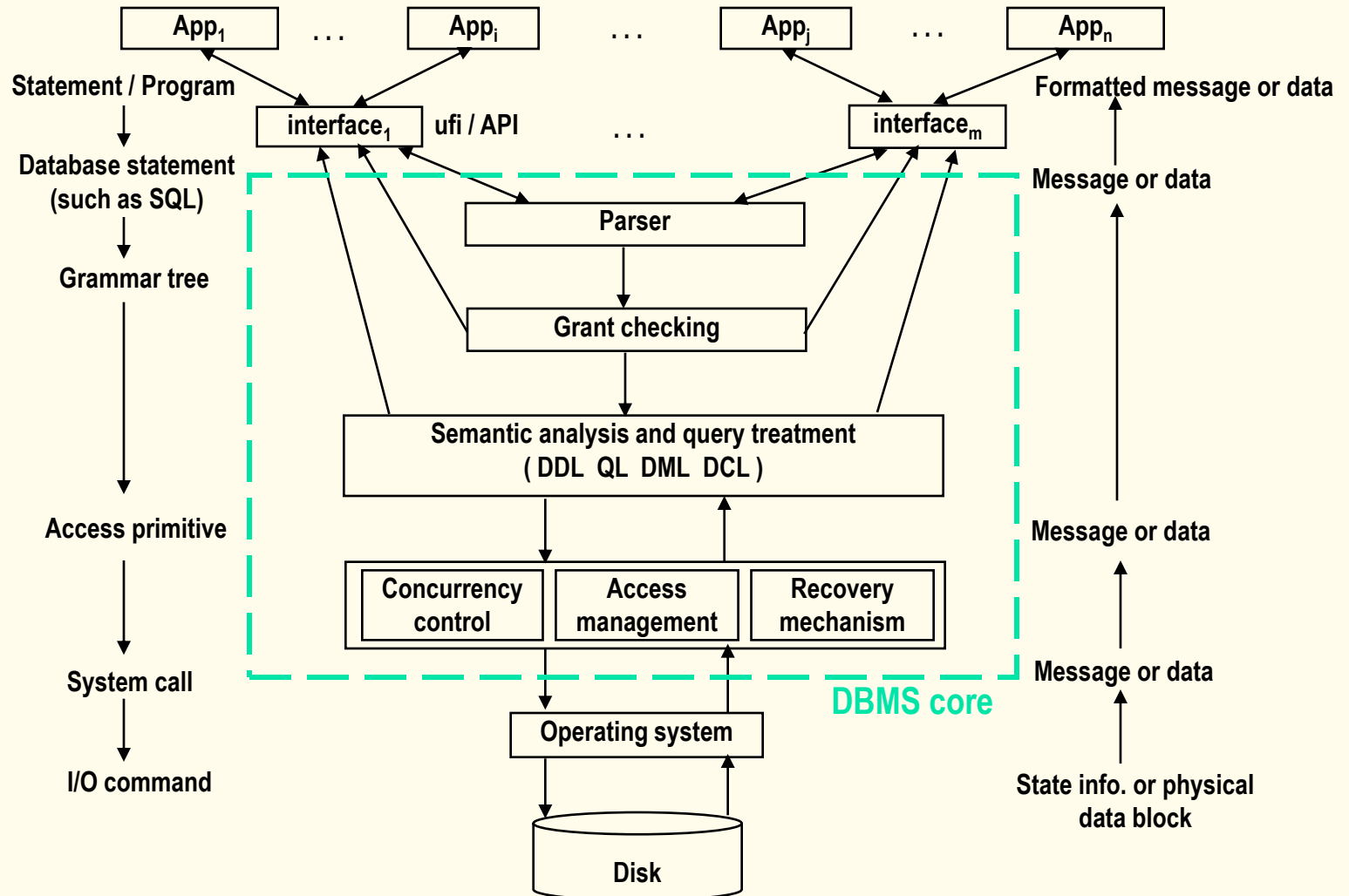
4. Database Management Systems*



Contents

- The Architecture of DBMS
 - The components of DBMS core
 - The process structure of DBMS
- Database Access Management
- Query Optimization
- Transaction Management
 - Recovery
 - Concurrent Control

4.1 The Components of DBMS Core





4.2 The Process Structure of DBMS

- Single process structure
- Multi processes structure
- Multi threads structure
- Communication protocols between processes / threads



Single process structure

- The application program is compiled with DBMS core as a single .exe file, running as a single process.

