차세대 분산 데이터베이스의
발전 방향과 구축전략

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Abstract

Some different kinds of Database capabilities are required for many reasons due mainly to the needs of newly developed manufacturing environments as well as of the managerial area itself. As being increased the automation of individual local systems, their information processing necessities are also growing as a kind of distributed database.

At first we are to deal with current distributed DB issues, especially for the state of arts of vendor's and then suggest a feature of next generation DB technologies. Schema integration of heterogeneity, deadlock detection and prevention algorithm, endowing intelligence and activeness to DBS, tradeoffs between data replication and concurrency control problem, are also important facets to be reckoned.

Considering the issues, automatic data replication is regarded as one of the best technical capabilities for designing large, manageable, client-server applications of the Distributed Database Systems. It will also be practically meaningful and extendible, thus a verifiable algorithm should be suggested.