AN APPROACH OF QUERY PROCESSING IN

MULTIDATABASE SYSTEMS

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ABSTRACT

In multidatabase systems, users can simultaneously access distributed, heterogeneous, and autonomous databases using an integrated schema and a single global query language. Query processing is a key problem in multidatabase systems. This paper describe a global query processing schema in multidatabase systems. For this schema, a algorithm of query decomposition is presented. The classification of schema conflict in multidatabase systems is also introduced. Since multidatabase query processing is very much dependent on the way schema integration is realized, the schema integration in MDBT, a multidatabase transaction model we are developing, is also discussed.

KEYWORD

Multidatabase Systems (MDBS),   Query Decomposition,   Query Processing,   Schema Integration