

An Approach of Query Representation for Query Processing in Multidatabase Systems

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Abstract

A multidatabase system gives users a global schema. A user must use global query language to query the multidatabase system. So, query transformation from global query to local queries must be needed and middle queries must be used during this transformation. This paper presents an approach of query representation for query processing in multidatabase systems and gives the properties of equivalent transformation of the query. An algebra foundation of middle class operations is also introduced to achieve the algebra optimization during the course of transformation from global query to middle queries.

Key words

Query representation, Query processing, Middle query, Multidatabase systems