Schema Mapping in Multidatabase Systems

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Abstract

A multidatabase system mainly solve the problem of data sharing and integration among local database systems. There are four levels of schema structures in multidatabase systems. Multidatabase users use global query language to access global schema in multidatabase systems. But the final answer should be obtained from local database systems. So, a mapping from global schema to export schema and from export schema to local schema must be established. This paper gives an approach of schema mapping in multidatabase systems and uses schema mapping tree to store and express these mappings.

Key words

Schema mapping, Schema mapping tree, Schema architecture, Multidatabase systems