Abstract

XML has emerged as a standard for data exchange over the internet. Relational databases provides a mature technology to store these documents. In this paper we transform ER diagram of relational databases in to DTD of XML documents. We provide an algorithm that translates ER diagram with cycles in to recursive DTDs. This algorithm translates each component of ER diagram in to components of DTDs along with cycles in ER diagram to generate recursive DTD's.

References

An Algorithm for Mapping ER Schema into XML DTD with Recursion


Index Terms

Computer Science     Algorithms

Keywords

XML, DTD, Relational Databases.