Abstract

This research work addresses a strategy for design and building of a comprehensive architecture to satisfy many information management requirements for Large and Distributed Multimedia Data. The paper proposes a unified model for designing multimedia data types which includes data representatives, content representatives. The proposed approach discusses several database architectures and user access mechanisms for data storage, efficient searching and fast retrieving of large and distributed multimedia data. The paper focused on the structure designing the data type which provides support for content based retrieval of multimedia data. The Query Language is an extension of a traditional query language which allows restrictions to be expressed on features, concepts of object of multimedia data.

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Index Terms

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