Abstract

User profiles or user models are crucial in many areas in which it is essential to obtain knowledge about users of software applications such as data warehouse technologies. To enhance the personalized services, group profiles are derived through combining individual user profiles in order to represent group modelling. In this paper, we propose a new representation of group profiles in OLAP context using the ontological modelling. Our main aim is to semantically enrich the representation of group preferences in data warehouses. Our ontology is validated using set of real collected OLAP query logs in stock market area.
Building Conflict-Aware Profiling Ontology from Data Warehouses


- Golfarelli, M., Rizzi, S., Biondi, P.: myOLAP: An approach to express and evaluate OLAP preferences. IEEE Transactions on Knowledge and Data Engineering (2011) 1050-1064


Index Terms

Computer Science

Databases
Keywords
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