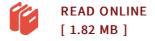


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## Implementation of a declarative query and data manipulation language for X-Ray

By Christian Hiebl

Diplom.De Jan 2004, 2004. Taschenbuch. Book Condition: Neu. 210x148x9 mm. This item is printed on demand - Print on Demand Titel. Neuware - Diploma Thesis from the year 2002 in the subject Computer Science - Miscellaneous, grade: 1,0, University of Linz (Informatik, Angewandte Informatik), language: English, abstract: Inhaltsangabe:Abstract: Nowadays, database management systems (DBMS) play a central role in the realization of modern information systems for efficient storage, management and retrieval of large amount of data. At the same time, the eXtensible Markup Language (XML) is emerging fast as de facto standard for electronic data exchange. In order to be able to benefit from both technologies, a number of approaches have already been developed, aiming at the integration of XML and DBMS. They allow processing XML data on the basis of declarative query languages, don t pay however much attention to the manipulation of XML data. The objective of this diploma thesis is to implement X-Ray QL, a declarative query and data manipulation language for X-Ray, an integration approach using the idea of a meta database. X-Ray QL allows besides creating, editing and deleting XML data in a declarative way, to retrieve the XML data using simple select queries. The implementation...



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