Translating between XML and Relational Databases

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Abstract

XML has received considerable attention as a standard for data interchange on the Internet. Since much data held by organisations is held in relational databases (RDBMS), an issue of research and development has been on how information can be converted between XML and relational models. Most RDBMS vendors now support to some extent the importing and exporting of XML from RDBMS, but approaches tend to be inflexible and there are no standards in use.

This project involves the study of how XML data, restricted by DTD or XML Schemas, may be stored in a RDBMS, and also study of the reverse process, i.e. extracting an XML representation of information held in RBDMS. Issues concerning object-relational databases could also be addressed.

1 Introduction

This paper.... the purpose of this work... highlights... Extensive simulations.... Numerical Results ...

2 Mathematical Model

The model proposed is as follows ... most ... simplicity... analytical....

3 Numerical Results

To illustrate the main purpose of this paper ...

4 Conclusion and future work

This paper has given an insight ...

References

[PimPum]   *" Pim Pam Pum"* , James Pim and Robert Pum, Get a Life International Editions. ISBN 0-XS-xsxs-1, 2001.