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*Informal Proceedings of
The First VLDB Workshop on Efficiency and
Effectiveness of XML Tools, and Techniques
(EEXTT2002)*

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Akmal Chaudhri*

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Technical Report

Foreword

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JAFFAR, Joxan
Dean of School

**Informal Proceedings of
The First VLDB Workshop on Efficiency and Effectiveness of XML
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Hong Kong, China
19 August 2002

Editors

Mong Li Lee
Stéphane Bressan
Akmal Chaudhri

Abstract

With XML potentially becoming the standard for data exchange on the Internet, a variety of XML management systems (XMLMS) differing widely in terms of expressive power and performance are becoming available. The majority of the XML management systems are legacy systems (mostly relational database systems) extended to load, query, and publish data in XML format. A few are native XMLMS and capture almost all the characteristics of XML data representation. Yet a large number of new techniques are being tuned or devised for the management of XML data. In this workshop we propose to focus on the evaluation of the performance, effectiveness and efficiency, of XMLMS systems, tools and techniques.

The first VLDB workshop on efficiency and effectiveness of XML tools and techniques hosts papers on various aspect of the management of XML data and of the XML data management systems such as query and manipulation languages, modeling and integration, and storage.

The papers presented are

A Proposal for an XML Data Definition and Manipulation Language

Dare Obasanjo, Shamkante B. Navathe

Relevance Ranking Tuning for Similarity Queries on XML Data

Paolo Caccia, Wilma Penzo

A New Path Expression Computing Approach for XML Data

Jianhua Lv, Guoren Wang, Jeffrey X. Yu, Ge Yu, Hongjun Lu, Bing Sun

Integrated XML Document Management

Hui-I Hsiao, Joshua Hui, Ning Li, Parag Tijare

Integration of XML Data

Deise de Brum Saccol, Carlos Alberto Heuser

XML to Relational Conversion using Theory of Regular Tree Grammars

Murali Mani, Dongwon Lee

Adaptive XML Shredding: Architecture, Implementation, and Challenges

Juliana Freire, Jerome Simeon

An Adaptable and Adjustable Mapping from XML Data to Tables in RDB

Wang Xiao-ling, Luan Jin-feng and Dong Yi-sheng

Efficient Structure Oriented Storage of XML Documents using ORDBMS

Alexandre Kuckelberg, Ralph Krieger

In addition, special invited session on XML benchmarking gather presentations of the main XML query processing benchmark activities. The papers presented are:

Assessing XML Data Management with XMark

Albrecht Schmidt, Florian Waas, Martin Kersten, Michael J. Carey, Ioana Manolescu, Ralph Busse

The XOO7 Benchmark

Ying Guang Li, Stéphane Bressan, Zoé Lacroix, Mong Li Lee, Ullas Nambiar

XMach-1: A Multi-User Benchmark for XML Data Management

Erhard Rahm, Timo Bohme

The Michigan Benchmark: A Micro-Benchmark for XML Query Processing System

Kanda Runapongsa, Jignesh M. Patel, H. V. Jagadish, Shurug Al-Khalifa

XBench -- A Family of Benchmarks for XML DBMSs

Benjamin B. Yao, M. Tamer Ozsu, and John Keenleyside

Please contact Stéphane Bressan at steph@nus.edu.sg to obtain a hard copy of the proceedings. The distribution is limited at discretion of the editors.