



香港網上學會



Hong Kong Web Society

Hong Kong Web Society
In co-operation with IEEE Hong Kong Section Computer Chapter
14th Seminar on

Managing XML Data Using RDBMS

Professor Hongjun Lu

Date: 15 June 2001 (Friday)

Time: 5:30pm – 6:30pm (refreshment starts at 5:15pm)

Venue: Room Y6405, 6th Floor, Academic Building, The City University of Hong Kong
Tat Chee Avenue, Kowloon Tong, Kowloon

Abstract:

XML has been recognized as a promising language for data exchange over the Internet. Various approaches to storing and querying XML data have been proposed. Among them, storing XML data in a relational database and using a relational query language, such as SQL, to access the stored data seems a viable and promising approach because of the maturity of relational database technology and high availability of RDBMS in most organizations. In this talk, we will discuss issues related to manipulating XML data/documents using RDBMS, including approaches to storing tree based XML data into relational tables, and techniques for rewriting path expressing queries into efficient SQL statements.

About the speaker:

Professor Hongjun Lu is a professor at the Hong Kong University of Science and Technology. He received his PhD from University of Wisconsin-Madison in 1985. Before joining HKUST, Lu served as a principal research scientist at the Computer Science Center of Honeywell Inc. and a professor at the National University of Singapore. Lu's main research interests are in data/knowledge base management systems with emphasis on query processing and optimization. His recent research work includes data quality, data warehousing and data mining. He is also interested in development of Internet-based database applications and electronic business systems. Lu is currently a Trustee of VLDB Endowment, a member of the ACM SIGMOD Advisory Board, and a member of ACM SIGKDD International Liaisons. Lu has been serving as a member of organization and program committees of most important database and KDD conferences, such as VLDB, ACM SIGMOD, IEEE ICDE, and ACM SIGKDD. In 1997, he initiated the Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD). Recently, he was invited to serve as program vice chair of IEEE ICDE 2002 in the area of heterogeneous, distributed and parallel databases.

Inquiry

In case of questions, please contact Dr Joseph Fong at Tel: 27888498, E-mail: csjfong@cityu.edu.hk, or visit the Hong Kong Web Society Website <http://www.hkws.org> for seminar information and/or membership enrollment.