CALL FOR CHAPTERS

Submission deadline March 31, 2001

Web-Powered Databases
A book edited by David Taniar (Monash University, Australia) and Wenny Rahayu (La Trobe University, Australia)
Publisher: Idea Group Publishing, Hershey, Pennsylvania, USA

A web-powered database is basically a database system that is accessible through the Internet. This is applicable to not only web sites, which can display information from the databases, but also e-commerce web-sites, in which transactions are normally carried out. The main driving force of writing such a book is because of the growing popularity of web technology and e-commerce, in which more and more database systems are implemented and accessible through the web. This book is intended to give readers knowledge on how to set up databases on the web. This covers topics, such as web servers, scripting, middleware, database accesses through web, and advanced issues such as transactions, security, content management, etc.

The primary objectives of this book are: (i) to give readers basic knowledge on web technology relating to databases, (ii) to give readers practical knowledge on setting up and maintaining databases through the web, (iii) to give readers knowledge on issues and challenges of web database technology, and (iv) to teach readers comprehensive technical concepts of web database technology. Thus we need a collection of tutorial-type chapters which support the above mentioned objectives. Chapters based on research from both academia and industry are also encouraged.

Representative topics include but are not limited to the following:

Web servers installation and web server technologies
   HTML and scripting languages
   Database access through middlewares
   Client-server concepts used in web technology
   Middlewares in web databases
   Setting up a web database
   SQL and XML for web databases
   Web searching
   Web content management and dynamic web pages
   Security issues in web databases
   Operating systems environment for web database implementation
   Advanced topics, such as ActiveX DDL
   Issues and challenges in web databases
   Commercial products or research prototypes of web databases

SUBMISSION PROCEDURE
Researchers and practitioners are invited to submit on or before March 31, 2001, a 2-5 page manuscript proposal clearly explaining the mission and concerns of the proposed chapter. Authors of accepted proposals will be notified by May 15, 2001 about the status of their proposals and sent chapter organizational guidelines. Full chapters are expected to be submitted by September 15, 2001. All submitted chapters will be reviewed on a blind review basis. The book is scheduled to be published by Idea Group Publishing in mid 2002.

Inquiries and Submissions can be forwarded electronically to:

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