

The Book Zone

Applying UML

Text Mining: Predictive Methods for Analyzing Unstructured Information

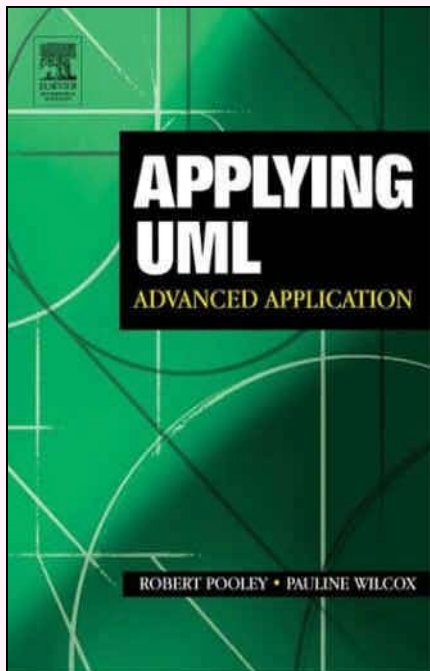
Spoken Dialogue Technology

Fuzzy Control of Queuing Systems

Data Modeling Essentials, Third Edition

Requirements Engineering

By Ilana Marks



Applying UML by Rob Pooley and Pauline Wilcox

This book addresses issues faced by users in adopting the Unified Modeling Languages (UML) and helps them to apply it. The book covers UML in depth, including notation on profiles and extensions.

The book assumes prior experience in software engineering or business modeling, an understanding of object-oriented concepts and a basic knowledge of UML.

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- 4. Graphics and Interaction Based Applications
- 5. Business Model
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- 9. The Need for Methodologies
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Applying UML by Rob Pooley and Pauline Wilcox, November 2004, Morgan Kaufmann Publishers, ISBN: 0-7506-5683-2, Pages: 224.

For more info:

<http://books.elsevier.com/us/mk/us/subindex.asp?isbn=0750656832&country=United+States&community=mk&ref=&mscssid=WN7TTGDDMB8T8LG87CEADJGF0MGDC5R7>

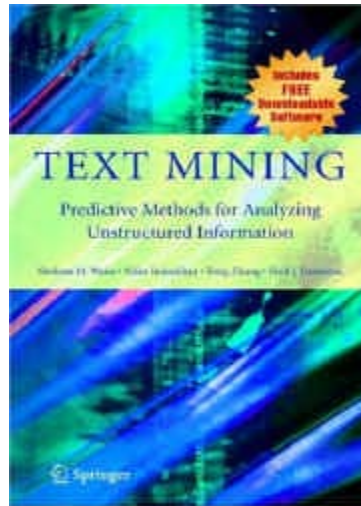
Text Mining: Predictive Methods for Analyzing Unstructured Information by Sholom M. Weiss, Nitin Indurkha, Tong Zhang and Fred Damerou

Text mining allows users to find trends and patterns in text-based information. This book analyzes new and proven techniques in text mining. It discusses topics such as automated document indexing and information retrieval and search. Also included is a look at new research in text mining including information extraction and document summarization.

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- 1. Overview of Text Mining
- 2. From Textual Information to Numerical Vectors
- 3. Using Text for Prediction
- 4. Information Retrieval and Text Mining

5. Finding Structure in a Document Collection
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 8. Emerging Directions
- Appendix: Software Notes
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Text Mining: Predictive Methods for Analyzing Unstructured Information by Sholom M. Weiss, Nitin Indurkha, Tong Zhang and Fred Damerau, 2004, Springer Verlag, ISBN: 0-387-95433-3, Pages: 236.

For more info:
<http://www.springeronline.com/sgw/cda/frontpage/0,11855,4-146-22-34526885-0,00.html>

Spoken Dialogue Technology: Towards the Conversational User Interface by Michael F. McTear

This book covers spoken dialogue systems, ranging from theoretical aspects to a detailed analysis of well-established methods and tools for developing spoken dialogue systems. The book enables the reader to design and test dialogue systems. Development environments and languages include the CSLU toolkit, VoiceXML, SALT, and XHTML+ voice. Research in spoken dialogue systems is presented along with theoretical issues. A dedicated web site containing supplementary materials, code and links to resources is available to readers.

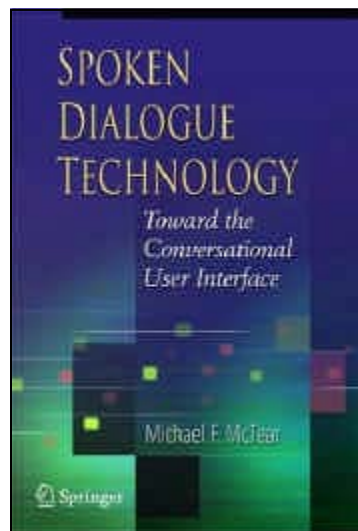


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4. Developing a Spoken Dialogue System: The Dialogue Engineering Lifecycle
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6. Developing Directed Dialogue Systems using the CSLU Toolkit
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10. Developing Mixed-Initiative Dialogue Systems using the CU Communicator System
11. Conversational Agents
12. Future Developments

Spoken Dialogue Technology: Towards the Conversational User Interface by Michael F. McTear, 2004, Springer Verlag, ISBN: 1-85233-672-2, Pages: 432.

For more info:
<http://www.springeronline.com/sgw/cda/frontpage/0,11855,4-40109-22-28205661-0,00.html>

Fuzzy Control of Queuing Systems by Runtong Zhang, Yannis A. Phillis and Vassilis S. Kouikoglou

Queuing control affects manufacturing and communication networks around the world. This book discusses the use of fuzzy logic technologies to solve queuing control problems. This approach determines explicit solutions to various types of control issues in queuing systems. Included in the book are detailed case studies to demonstrate this new approach and how it differs from classical techniques. The book is directed at students, practitioners and researchers.

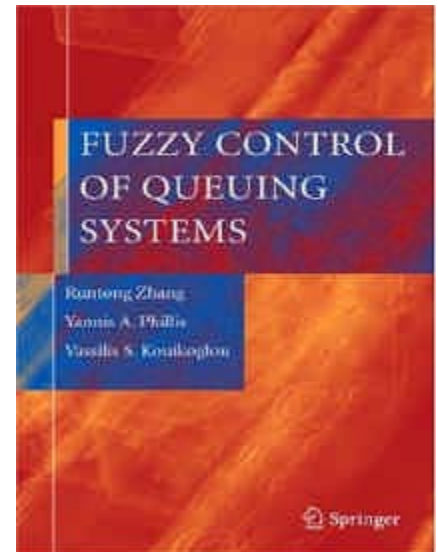


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- 6. Control of the Admission of Customers
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- 8. Applications of Fuzzy Queuing Control to the Internet
- 9. Closure
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Fuzzy Control of Queuing Systems by Runtong Zhang, Yannis A. Phillis and Vassilis S. Kouikoglou, 2004, Springer Verlag, ISBN: 1-85233-824-5, Pages 175.

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