



UvA-DARE (Digital Academic Repository)

Feature grammar systems. Incremental maintenance of indexes to digital media warehouses

Windhouwer, M.A.

[Link to publication](#)

Citation for published version (APA):

Windhouwer, M. A. (2003). Feature grammar systems. Incremental maintenance of indexes to digital media warehouses Amsterdam

General rights

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <http://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

Curriculum Vitae

Education

- 1998 – 2003 PhD in Computer Science (expected)
 Centre for Mathematics and Computer Science (CWI)
- 1994 – 1997 MSc in Computer Science
 University of Amsterdam (UvA)
- 1990 – 1994 Bachelor in Business Information Technology
 Hogeschool IJselland

Professional Experience

- 1998 – 2003 Database researcher
 Centre for Mathematics and Computer Science (CWI)
- 1997 – 1998 Scientific system developer
 University of Amsterdam (UvA)

Articles and Chapters

- [1] M. A. Windhouwer and R. van Zwol. Combining Concept- with Content-based Multimedia Retrieval. In H. M. Blanken, T. Grabs, H.-J. Schek, R. Schenkel, and G. Weikum, editors, *Intelligent Search on XML Data*, volume 2818 of *Lecture Notes in Computer Science (LNCS)*, © Springer-Verlag, pages 217 – 230, 2003.
- [2] M. A. Windhouwer, A. R. Schmidt, R. van Zwol, M. Petkovic, and H. E. Blok. Flexible Digital Library Search. In A. Dahanayake and W. Gerhardt, editors, *Web-enabled Systems Integration: Challenges and Practices*, pages 200 – 224. Idea Group Publishing, 2003.
- [3] A. H. Salden, F. Aldershoff, S. Iacob, R. Otte, and M. A. Windhouwer. Web-enabled Advanced Multimedia Systems. In *Proceedings of the International Workshop on Multimedia Signal Processing (MMSP)*, pages 117 – 120, St. Thomas, US Virgin Islands, December 2002.

- [4] A. R. Schmidt, M. L. Kersten, and M. A. Windhouwer. Querying XML Documents Made Easy: Nearest Concept Queries. In *Proceedings of the IEEE International Conference on Data Engineering (ICDE)*, pages 321–329, Heidelberg, Germany, April 2001.
- [5] F. Nack, M. A. Windhouwer, L. Hardman, E. Pauwels, and M. Huijberts. The Role of High-level and Low-level Features in Style-based Retrieval and Generation of Multimedia Presentations. *The New Review of Hypermedia and Multimedia*, 7:39–65, 2001.
- [6] A. P. de Vries, M. A. Windhouwer, P. M. G. Apers, and M. L. Kersten. Information Access in Multimedia Databases based on Feature Models. *New Generation Computing*, 18(4):323–339, October 2000.
- [7] A. R. Schmidt, M. L. Kersten, M. A. Windhouwer, and F. Waas. Efficient Relational Storage and Retrieval of XML Documents (Extended Version). In D. Suciu and G. Vossen, editors, *The World Wide Web and Databases - Selected Papers of WebDB 2000*, volume 1997 of *Lecture Notes in Computer Science (LNCS)*, © Springer-Verlag, pages 137–150, 2000.
- [8] A. R. Schmidt, M. L. Kersten, M. A. Windhouwer, and F. Waas. Efficient Relational Storage and Retrieval of XML Documents. In *International Workshop on the Web and Databases (In conjunction with ACM SIGMOD)*, pages 47–52, Dallas, TX, USA, May 2000.
- [9] M. A. Windhouwer, A. R. Schmidt, and M. L. Kersten. Acoi: A System for Indexing Multimedia Objects. In *International Workshop on Information Integration and Web-based Applications & Services*, Yogyakarta, Indonesia, November 1999.
- [10] A. R. Schmidt, M. A. Windhouwer, and M. L. Kersten. Feature Grammars. In *Proceedings of the International Conference on Systems Analysis and Synthesis*, Orlando, FL, USA, August 1999.
- [11] M. L. Kersten, N. Nes, and M. A. Windhouwer. A Feature Database for Multimedia Objects. In *ERCIM Database Research Group Workshop on Metadata for Web Databases*, pages 49–57, Bonn, Germany, May 1998.

Technical Reports

- [1] M. A. Windhouwer, A. R. Schmidt, R. van Zwol, M. Petkovic, and H. E. Blok. Flexible and Scalable Digital Library Search. Technical Report INS-R0111, CWI, Amsterdam, The Netherlands, December 2001.
- [2] F. Nack, M. A. Windhouwer, E. Pauwels, M. Huijberts, and L. Hardman. The Role of High-level and Low-level Features in Semi-automated Retrieval and Generation of Multimedia Presentations. Technical Report INS-R0108, CWI, Amsterdam, The Netherlands, June 2001.
- [3] A. R. Schmidt, M. A. Windhouwer, and M. L. Kersten. Indexing Real-world Data Using Semi-structured Documents. Technical Report INS-R9902, CWI, Amsterdam, The Netherlands, March 1999.
- [4] M. L. Kersten, N. Nes, and M. A. Windhouwer. A Feature Database for Multimedia Objects. Technical Report INS-R9807, CWI, Amsterdam, The Netherlands, July 1998.

Demonstrations

- [1] M. Petkovic, M. A. Windhouwer, R. van Zwol, H. E. Blok, P. M. G. Apers, M. L. Kersten, and W. Jonker. Content-based Video Indexing for the Support of Digital Library Search. In *Proceedings of the IEEE International Conference on Data Engineering (ICDE)*, San Jose, California, USA, February 2002.
- [2] H. E. Blok, M. A. Windhouwer, R. van Zwol, M. Petkovic, P. M. G. Apers, M. L. Kersten, and W. Jonker. Flexible and scalable digital library search. In *Proceedings of the International Conference on Very Large Data Bases (VLDB)*, Rome, Italy, September 2001.
- [3] M. A. Windhouwer, A. R. Schmidt, and M. L. Kersten. Acoi: A System for Indexing Multimedia Objects. In *Proceedings of the International World Wide Web Conference*, Amsterdam, The Netherlands, May 2000.

Other Publications

- [1] M. A. Windhouwer. *The Early Adaptors Guide to Acoi*. CWI, 2003.
- [2] CWI. *Digital Media Warehouses CD-Rom*, 2002.

