

Referências Bibliográficas

ABITEBOUL, S.; BUNEMAN, P.; SUSCIU, D. **Data on the Web**. Morgan Kaufman, 1999.

AMSALEG, L. et al. Scrambling Query Plans to Cope with Unexpected Delays. In: INTERNATIONAL CONFERENCE ON PARALLEL AND DISTRIBUTED INFORMATION SYSTEMS (PDIS). 1996, Miami, USA. **Proceedings...** 1996.

AVNUR, R.; HELLERSTEIN, J. Eddies: Continuously Adaptive Query Processing. In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD). 2000, Dallas, Texas. **Proceedings...** 2000.

AYRES,F. et al. Um Framework para Construção de Máquinas de Execução de Consultas Relacionais, In: CONGRESO ARGENTINO DE CIENCIAS DE LA COMPUTACION - CACIC'02. 2002, Buenos Aires, Argentina. **Anais...** 2002.

_____. Um Framework para construção de Máquinas de Execução de Consultas, **Série Monografias em Ciência da Computação**, nº 15/02, Dep. Informática, PUC-Rio, 2002.

_____. AQEE: Uma Máquina de Execução de Consultas Adaptativa. Relatório Técnico. **Série Monografias em Ciência da Computação**, nº 32/02. Dep. de Informática, PUC-Rio, Dezembro, 2002, p. 5-7. Resumo.

_____. Uma Maquina Extensível para Suporte a Novos Modelos de Execução de Consulta. In: SIMPÓSIO BRASILEIRO DE BANCO DE DADOS, 18. 2003, Manaus, Amazonas, Brazil. **Anais...** 2003, p.371-381.

BABU, S.; WIDOM, J. Continuous Queries Over Data Streams. **ACM SIGMOD Record**, September, 2001.

BARBOSA, D. et al. ToX – The Toronto XML Engine. In: INTERNATIONAL WORKSHOP ON INFORMATION INTEGRATION ON THE WEB – WIIW, 1. 2001, Itaipava, Rio de Janeiro, Brazil. **Proceedings...** 2001, p.66-73.

BARBOSA,A.; PORTO,F. Configurable Data Integration Middleware System. In: INTERNATIONAL WORKSHOP ON INFORMATION INTEGRATION ON THE WEB – WIIW, 1. 2001, Itaipava, Rio de Janeiro, Brazil. **Proceedings...** 2001, p.74-80.

BARU,C. et al. XML-Based Information Mediation with MIX, In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD). 1999, Filadelfia, Pensilvania, USA. **Proceedings...** 1999.

BATORY,D.; THOMAS, J. P2: A Light Weight DBMS Generator. TR-95-26, Department of Computer Sciences, University of Texas at Austin, 1995. <<http://www.cs.utexas.edu>>. Technical Report

BERCKEN,J. et al. XXL- A Library Aproach to Supporting Efficient Implementations of Advanced Database Queries. In: INTERNATIONAL

CONFERENCE ON VERY LARGE DATABASES (VLDB). 2001, Roma, Italy. **Proceedings...** 2001.

BOUGANIM,L. et al. Dynamic Query Scheduling in Data Integration Systems, In: INTERNATIONAL CONFERENCE ON DATA ENGINEERING (ICDE), 16. 2000, San Diego, CA, USA. **Proceedings...** 2000.

BOUGANIM,L. et al. Processing Queries with Expensive Functions and Large Objects in Distributed Mediator Systems, In: INTERNATIONAL CONFERENCE ON DATA ENGINEERING (ICDE), 17. 2001, Heidelberg, Germany. **Proceedings...** 2001.

CAREY,M. et al. Shoring up Persistent Applications. In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD). 1994. **Proceedings...** 1994, p383-394.

CHAMBERLIN, D. et al. **Xquery From the Experts:** a Guide to the W3C XML Query Language. Howard Katz (eds), Addison Wesley Pub, August 2003.

CHANDRASEKARAN,S. et al. TelegraphCQ: Continuous Dataflow Processing for an Uncertain World. In: INTERNATIONAL CONFERENCE ON INNOVATIVE DATABASE RESEARCH (CIDR). 2003. Asilomar, CA, USA. **Proceedings...** 2003.

CHEN, J. et al. NiagaraCQ: A Scalable Continuous Query System for Internet Databases. In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD). 2000, Dales, Texas, USA. **Proceedings...** 2000.

DATE, J. **Introdução a Sistemas de Banco de Dados.** 7.ed. Campus, 2000.

DOBRA,A. et al. Processing Complex Aggregate Queries over Data Streams, In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD). 2002, Madison, Wisconsin, USA. **Proceedings...** 2002, p61-73.

FAYAD,M.; SCHMIDT,D.; JOHNSON,R. **Building Application Frameworks – Object-Oriented Foundations of Frameworks.** John Wiley & Sons, Inc. 1999.

FERNANDEZ,M. et al. Silkroute: A Framework for Publishing Relational Data in XML. **ACM Transactions On Database Systems**, v27, n4, p438-493, 2002.

FLORESCU,D. et al. Query optimization in the Presence of Limited Access Patterns, In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD). 1999, Filadelfia, Pensilvania USA. **Proceedings...** 1999.

FLORESCU,D.; LEVY,A.; MENDELZON,A. Database Techniques for the World-Wide Web: A Survey. **ACM SIGMOD Record**, v27, No. 3, p.59-74, September 1998.

GAMMA,E. et al. **Design Patterns.** Addison-Wesley pub., 1995.

GARCIA-MOLINA,H. et al. The TSIMMIS Project: Integration of Heterogeneous Information Sources. **Journal of Intelligent Information Systems**, 8(2), pp 177-132, March, 1997.

GARCIA-MOLINA,H.; ULLMAN,J.; WIDOM,J. **Database System Implementation.** Prentice Hall Pub., 2000.

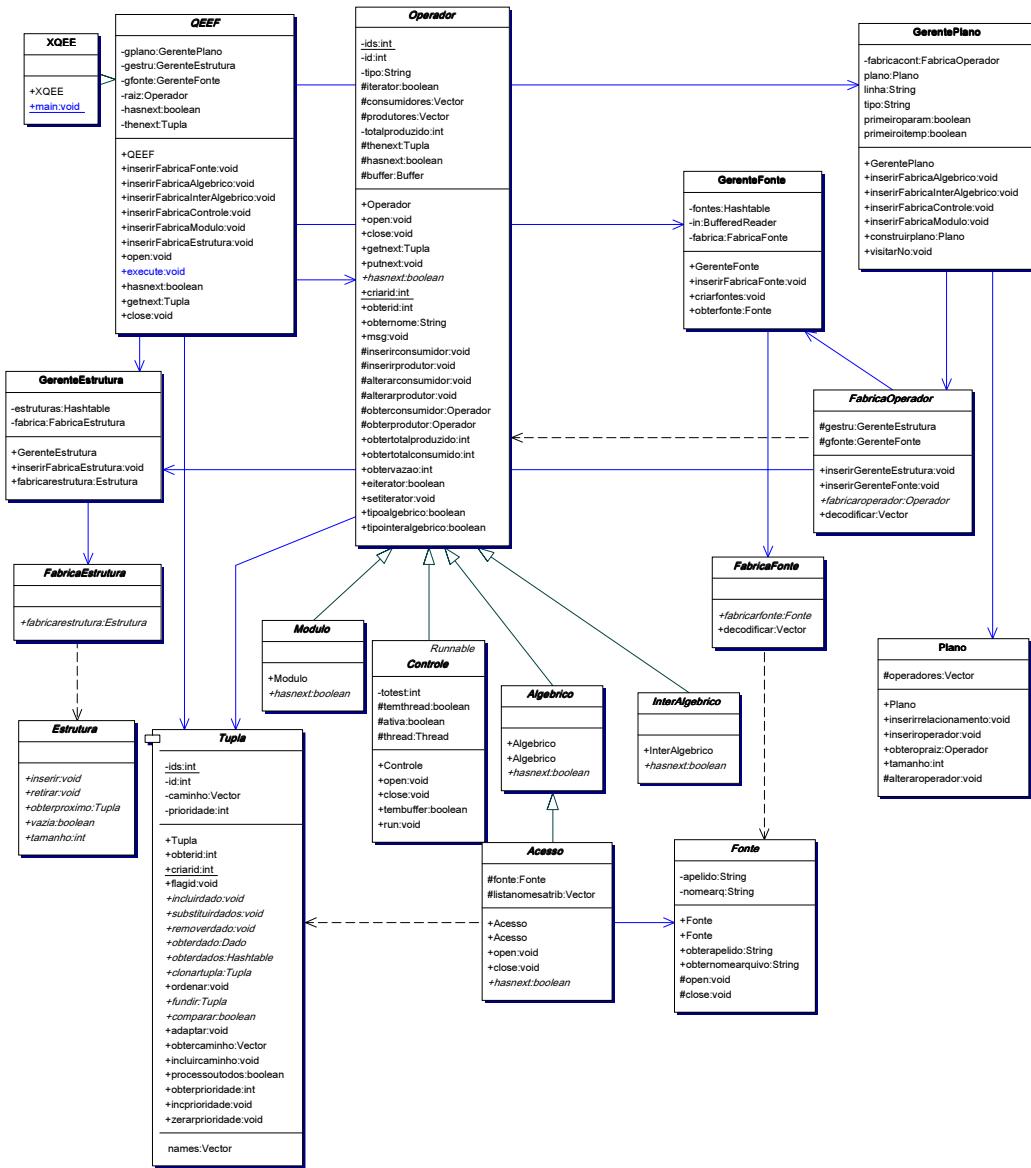
- GRAEFE, G.; MCKENNA, W. The Volcano Optimizer Generator: Extensibility and Efficient Search. In: INTERNATIONAL CONFERENCE ON DATA ENGINEERING (ICDE). 1993, Vienna. **Proceedings...** 1993, p209.
- GRAEFE, G. Encapsulation of Parallelism in the Volcano Query processing System. In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD). 1990, Atlantic City, NJ, USA. **Proceedings...** 1990, p.749-764.
- _____. Query Evaluation Techniques for Large Databases. **ACM Computing Survey**, 25(2), p. 73-170, June, 1993.
- _____. Iterators, Schedulers, and Distributed-Memory Parallelism. **Software-Practice and Experience**, v.26(4), p. 427-452, April, 1996.
- GRAEFE,G.; DEWITT,J. The Exodus Optimizer Generator. In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD). 1987, San Francisco, CA, USA. **Proceedings...** 1987.
- IVES, Z. et al. An Adaptive Query Execution System for Data Integration, In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD). 1999, Filadelfia, USA. **Proceedings...** 1999.
- JOSIFOVSKI,V.; FONTOURA,M.; BARTA,A. Querying XML Streams, In: INTERNATIONAL CONFERENCE ON DATA ENGINEERING (ICDE). 2002. **Proceedings...** 2002.
- KOSSMANN,D. The State of the Art in Distributed Query Processing. **ACM Computing Survey**, v32, n4, Dec, 2000.
- LESELECT: a middleware system for publishing data and services on the Internet. CARAVEL PROJECT. INRIA, France, (<http://www-caravel.inria.fr/LeSelect/>). Acesso feito em novembro de 2003.
- MADDEN,S. et al. Continuously Adaptive Continuous Query over Streams. In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD). 2002, Madison, Wisconsin, USA. **Proceedings...** 2002, p171-183.
- MAHAPATRA,T.; MISHRA,S. **Oracle Parallel Processing**, O'Reilly Pub., August, 2000.
- MANOLESCU, I. et al . Agora: Living with XML and Relational, In: INTERNATIONAL CONFERENCE ON VERY LARGE DATABASES (VLDB). 2000, Cairo, Egypt. **Proceedings...** 2000.
- MCCANN,J. The Database Machine: Old Story, New Slant. In: INTERNATIONAL CONFERENCE ON INNOVATIVE DATABASE RESEARCH (CIDR). 2003, Asilomar, CA, USA. **Proceedings...** 2003.
- OZSUM,M.; VALDURIEZ,P. **Principles of Distributed Database Systems**, Prentice Hall pubs., Nova Jersey, USA, 1999.
- PORTO,F. et al. ROSA: A Data Model and Query Language for e-Learning Objects, In: INTERNATIONAL CONFERENCE ON PGL DATABASE RESEARCH,1. 2003, Rio de Janeiro, Brazil. **Proceedings...** 2003, SSN=1613-0073.
- SCHEFFNER,D.; FREYTAG, J-C. The XML Query Execution Engine (XEE). Humboldt Universität zu Berlin, 2002. Technical Report.

- SELINGER,P. et al. Access path selection in a relational data base management system, In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD). 1979, Boston, USA. **Proceedings...** 1979.
- SESHADRI,P.; PASKIN,M. PREDATOR: an OR-DBMS with enhanced data types, In: INTERNATIONAL CONFERENCE ON MANAGEMENT OF DATA (SIGMOD).1997, Tucson, Arizona, USA. **Proceedings...** 1997, p568-571.
- SHÖNING,H. Tamino – A DBMS designed for XML. In: INTERNATIONAL CONFERENCE ON DATA ENGINEERING (ICDE),16. 2001, Germany. **Proceedings...** 2001, p149-154.
- TECBD – LABORATORIO DE TECNOLOGIA EM BANCO DE DADOS. Disponível em <<http://tecbd.inf.puc-rio.br>>. Acesso feito em novembro de 2003.
- TINO. Disponível em <<http://www.inf.puc-rio.br/~tino>>. Acesso feito em setembro de 2003.
- W3C. Disponível em <<http://www.w3.org>>. Acesso feito em novembro de 2003.
- WAAS, F. Handling Non-Deterministic Data Availability in Parallel Query Execution. In: INTERNATIONAL WORKSHOP ON PARALLEL AND DISTRIBUTED DATABASES (PADD). 1999, Florence, Italy. **Proceedings...** 1999, p.61-65.
- WIEDERHOLD, G. Mediators in the Architecture of Future Information Systems. **IEEE Computer**, v. 25(3), p.38-49, 1992.
- XML QUERY USE CASES. Disponível em <<http://www.w3.org/TR/xquery-use-cases>>. Acesso feito em novembro de 2003.
- YU, C.; MENG, W. **Principles of Database Query Processing for Advanced Applications.** Morgan Kaufman Pubs., 1998.

Anexo A Diagramas

A.1 Diagrama de Classes

O Diagrama de Classes abaixo detalha as classes do *framework* QEEF apresentadas no Capítulo 4.



A.2 Diagrama de Seqüência

O Diagrama de Seqüência abaixo mostra as chamadas aos métodos principais da classe QEEF (via XQEE), a partir da chamada ao método *main* de uma aplicação.

