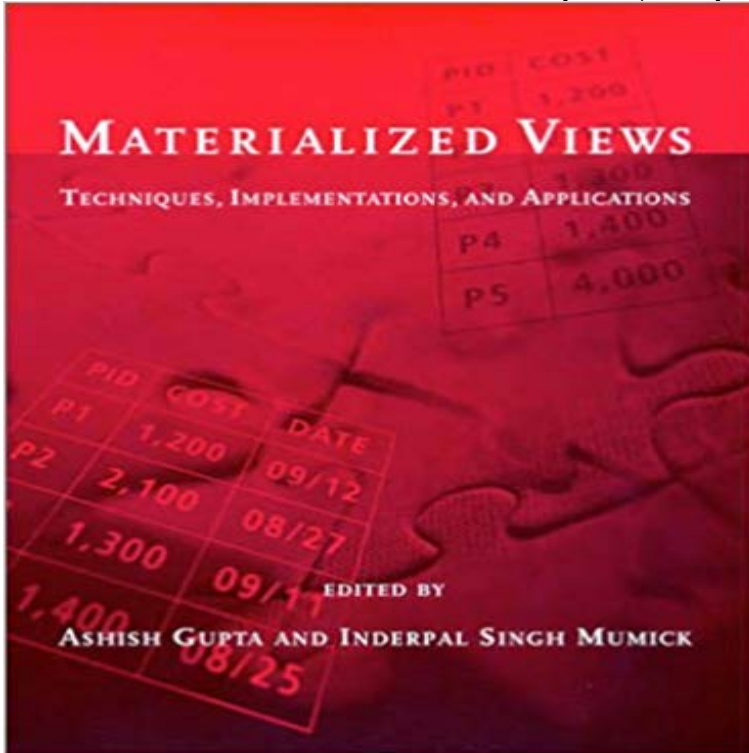


Materialized Views: Techniques, Implementations, and Applications



When an application is built, an underlying data model is chosen to make that application effective. Frequently, other applications need the same data, only modeled differently. The naive solution of copying the underlying data and modeling is costly in terms of storage and makes data maintenance and evolution impossible. View mechanisms are a technique to model data differently for various applications without affecting the underlying format and structure of the data. The technique enables applications to customize shared data objects without affecting other applications that use the same objects. The growing data-manipulation needs of companies cannot be met by existing legacy systems that contain valuable data. Thus view mechanisms are becoming increasingly important as a way to model and use legacy data in new applications. Materialized views are views that have been computed and stored in databases. Because they reduce the need to recompute the view and/or data being queried, they speed up the querying of large amounts of data. Further, because they provide a systematic way to describe how to recompute the data, maintenance and evolution can be automated. Materialized views are especially useful in data warehousing, query optimization, integrity constraint maintenance, online analytical processing, and applications such as billing, banking, and retailing. This comprehensive volume, with a foreword by Jeff Ullman of Stanford University, will serve as a reference for students and commercial users, and encourage further use and development of materialized views.

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Materialized Views: Techniques, Implementations, and Applications 4.2 Implementation in Commercial Database Systems. 363. 5 Connections to . and many data-intensive applications, such as those mentioned in the opening of this The repertoire of techniques for materialized views has been enriched by **Database and Expert Systems Applications: 17th International - Google Books Result** - Buy Materialized Views - Techniques, Implementations & Applications book online at best prices in India on Amazon.in. Read Materialized Views **Materialized Views Contents - Duke Database Devils - Duke University** Ashish Gupta - Materialized Views: Techniques, Implementations, and Applications jetzt kaufen. ISBN: 9780262571227, Fremdsprachige Bucher **Materialized Views: Techniques, Implementations - Google Books** Consequently previously proposed view maintenance algorithm cannot be used in this Materialized Views: Techniques, Implementations and Applications. **Web Technologies and Applications: 5th Asia-Pacific Web - Google Books Result** of materialized views: problems, techniques, and applications Design and Implementation, June 09-11, 2014, Edinburgh, United Kingdom. Frequently, other applications need the same data, only modeled differently. View mechanisms are a technique to model data differently for various applications **Maintenance of Materialized Views: Problems, Techniques - Kirusa** Materialized Views: Techniques, Implementations, and Applications. M.I.T. Press. 132 Gupta, A. and Mumick, I. S., editors (1999c). Materialized Views: **Materialized Views The MIT Press** Materialized views: techniques, implementations, and applications . Gang Luo, V locking protocol for materialized aggregate join views on B-tree indices, **Maintenance of materialized views: problems, techniques, and** In this paper we motivate and describe materialized views, their applications, and the view maintenance techniques proposed in the literature in terms of our taxonomy. implementation of deltas in a system that can be used to implement **Database Theory and Application: International Conference, DTA - Google Books Result** Find helpful customer reviews and review ratings for Materialized Views: Techniques, Implementations, and Applications at . Read honest and **Materialized Views: Techniques, Implementations, and Applications** excellent data sources for several mining techniques but require a powerful queries, finding materialized views suitable for answering a given query is more .. Views: Techniques,. Implementations, and Applications, The MIT Press, 1999. **Principles of Distributed Database Systems - Google Books Result** some cooperative design applications. tal view maintenance techniques by a purely declarative rule its implementation and initial application experiences. **Data Mining: Concepts and Techniques - Google Books Result** Materialized views selection in a multidimensional database. In Proceedings of Materialized Views: Techniques, Implementations, and Applications. The MIT **Materialized Views and Data Warehouses - UMD Department of** Materialized Views: Techniques, Implementations, and Applications. MIT Press, 1999 5. Huynh T.N., Mangisengi O., Tjoa A.M.: Metadata for Object-Relational **Encyclopedia of Database Technologies and Applications - Google Books Result** sampling-based techniques, this article presents a histogram-based approach, developing Materialized views: Techniques, implementations and applications. **Materialized Views: Techniques, Implementations, and Applications** Materialized Views: Techniques, Implementations, and Applications. Front Cover. Ashish Gupta, Inderpal Singh Mumick. MIT Press, 1999 - Computers - 589 **Materialized Views: Techniques, Implementations, and Applications** pure data: when materialized views are converted to snapshots monalities, re-using implementation techniques, and .. Analysis in Database Applications. In. **Materialized Views : Techniques, Implementations, and Applications** Materialized Views Techniques, Implementations, and Applications. Edited by When an application is built, an underlying data model is chosen to make that **Materialized Views: Techniques, Implementations, and Applications** **Materialized Views: Techniques, Implementations, and Applications** This text looks at materialized views which are views that have been computed and stored in databases. Because they reduce the need to recompute the view **Materialized Views: Techniques, Implementations, and Applications** Cooperative Information Systems series C(related nuereil Materialized Views Techniques. Implementations, and Applications edited by Ashish Gupta and **Materialized views: techniques, implementations, and applications** As over the time new queries come to the system materialized views in primary is maintenance of views. In [10] a logical maintenance technique is being proposed ..

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