Abstract

Data Warehouses usually work on history data. In most cases, the Data Warehouse is loaded with data from operational or transactional systems on a weekly or nightly basis. As today’s decisions in the business world are becoming real-time, it is only natural that Data Warehouse, Business Intelligence, Decision Support and OLAP systems must quickly begin incorporating real-time data. When shifting from a traditional offline and time-consuming data warehousing system to a real-time system, two important considerations are speeding up the ETL and the OLAP process. This survey looks into the various challenges involved in building a real-time Data Warehouse and some of the solutions available to overcome them.


- Lucas Golab, Theodere Johnson, Vladislav Shkapenyuk, Scalable, Scheduling of Updates in Streaming Data Warehouse, IEEE Transactions on Knowledge and Data Engineering, Vol. 24, No. 6, June 2012.


**Index Terms**

Computer Science

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**Keywords**

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