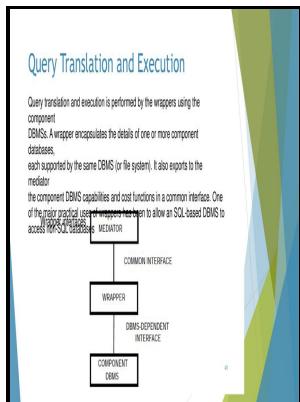


Query processing in a database mediation system

University of Toronto, Dept. of Computer Science - Query Decomposition for a Distributed Object



Description: -

- Query processing in a database mediation system
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Tags: #UnityJDBC

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Determining execution costs before query execution i. Furthermore, the method comprises determining, by a processor, whether the online transaction processing engine or the database accelerator will process the query using the estimated execution time of the query by the online transaction processing engine, the estimated execution time of the query by the database accelerator and the wait time for the database accelerator to process the query.

UnityJDBC

The query to calculate the total order amount per customer is: SELECT O. Avoids security issues related to federated or linking servers at the database server level. B firs t checks MT2.

UnityJDBC

A system, comprising: a memory unit for storing a computer program for processing queries in a hybrid database system; and a processor coupled to the memory unit, wherein the processor is configured to execute the program instructions of the computer program comprising: receiving a query to be processed; determining an approximate filtering for execution of said query by an online transaction processing engine and a database accelerator using information from an index probe and validated real-time statistics in response to literals of a query statement being known; estimating an execution time of said query by said online transaction processing engine using said determined approximate filtering; estimating an execution time of said query by said database accelerator using said determined approximate filtering; determining a wait time for said database accelerator to process said query; and determining whether said online transaction processing engine or said database accelerator will process said query using said estimated execution time of said query by said online transaction processing engine, said estimated execution time of said query by said database accelerator and said wait time for said database accelerator to process said query.

Query Processing in a Multidatabase System

A generic layering scheme for query processing is shown where each layer solves a well-defined subproblem. The quality of an algebraic query is defined in terms of expected performance.

Query Processing in DBMS

In step 517, a determination is made by database management system 106, such as query optimizer 205, as to whether there is a wait for processing queries by database accelerator 207. This used to be valid for wide area networks, where the limited bandwidth made communication much more costly than local processing.

US Patent for Optimizing query processing and routing in a hybrid workload optimized database system Patent (Patent # 10,909,116 issued February 2, 2021)

Query optimizer 205 determines an estimated cost for executing each alternative access plan.

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