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DATA GRID AND THE DISTRIBUTED DATABASE SYSTEM

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Abstract. The purpose of this paper is to examine distributed databases and some problems of Grid dealing with the data replication from different points of view. This paper is referred to find out the most efficient commonalities between Data Grid and that managed data stored in object-oriented databases. We discuss about features of Distributed Database System (DDBS) such as, design, architecture, performance and concurrency control and submit some research that has been carried out in this specific area of Distributed Database System (DDBS). Query optimization, distribution optimization, fragmentation optimization, and joint option to the optimization in Internet are included in our research. Our project design, advantages of its results and examples concerning about our topic are presented in this paper.

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