

On the Dependency of Query Processing

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Abstract

As the volume of information increases continuously, the information processing and the fast access to it are some important problems nowadays. This paper presents the factors which determine the execution of a query in a database management system, such as the storage of information methods, the access to data methods and the selectivity factor of a query. We will study the execution of a range query depending on these factors.

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Key Words: optimizer, access methods, selectivity factor, range query, execution plan.