

ABSTRACT

Replication is a concept for duplicating the data which reside in a database server to another database server. The purpose of data replication is as preventive action towards the probability of data disaster as well as creating alternative data source beside primary database as main data source. Mysql supports one way replication. One server as a master, whereas one or another server acts as slave. With the characteristic of mysql in implementing replication, we could make a mechanism for query distribution by using replication system which is transparent from user's side. In user's point of view, the architecture of database that is implemented is centralized system with one server. But, in the reality, the actual implementation is distributed system with a master and some slave. The task of server master is to determine and distribute query , whether it will be execute on master or on another slave. UPDATE must done in server master, whereas query SELECT could be distributed to server slave.

Key Word : Query distribution, Replication, Mysql, Heavy duty database