

# How To Set Up Database Replication In MySQL

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This tutorial describes how to set up database replication in MySQL. MySQL replication allows you to have an exact copy of a database from a master server on another server (slave), and all updates to the database on the master server are immediately replicated to the database on the slave server so that both databases are in sync. This is not a backup policy because an accidentally issued DELETE command will also be carried out on the slave; but replication can help protect against hardware failures though.

In this tutorial I will show how to replicate the database `exampledb` from the master with the IP address `192.168.0.100` to a slave. Both systems (master and slave) are running Debian Sarge; however, the configuration should apply to almost all distributions with little or no modification.

Both systems have MySQL installed, and the database `exampledb` with tables and data is already existing on the master, but not on the slave.

[Full Story](#) [2].

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## Links:

[1] <http://www.tuxmachines.org/taxonomy/term/98>

[2] [http://www.howtoforge.com/mysql\\_database\\_replication](http://www.howtoforge.com/mysql_database_replication)