

Mysql Account Creation and Permissions

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databases

mysql

programming

I finally had a chance to sit down and learn the syntax of creating mysql users and assigning specific permissions. This allows me to have different users for different web services - eg. cron jobs, web servers etc.

```
GRANT [SELECT|UPDATE|INSERT|UPDATE|CREATE|DROP] ON DATABASE.[table|*] TO 'user'@'host' IDENTIFIED BY 'password'
```

These can be cumulative. One thing that originally confused me was the 'host' - you actually need to have two accounts for a user to connect both locally and remotely - one set to "localhost" and the other set to "%".

The grant command is actually just populating the mysql.user table.

Other useful commands include changing a password:

```
SET PASSWORD FOR 'bob'@'localhost' = PASSWORD('newpassword') SET PASSWORD = PASSWORD('newpassword');  
GRANT USAGE ON *.* TO 'user'@'host' IDENTIFIED BY 'password'
```

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