

Protecting MySQL MariaDB and Percona Server

To verify that MariaDB works, get access to your MySQL database using a previously created username and password.

```
[root@dhcpc5 ~]# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 2
Server version: 5.2.12-MariaDB-mariadb115 (MariaDB - http://mariadb.com/)

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> _
```

Then create a database in MySQL and add the `ENGINE=` parameter.

Specify which engine to use. You can specify one which is included in MariaDB. You can list all engines by using the following command:

```
show engines;
```

```
| MEMORY      | YES      | Hash based, stored in memory, useful for temporary tabl
es          | NO      | NO      | NO      |
| MRG_MYISAM  | YES      | Collection of identical MyISAM tables                |
| FEDERATED   | YES      | FederatedX pluggable storage engine                  |
| BLACKHOLE   | YES      | /dev/null storage engine (anything you write to it disa
ppears)     | NO      | NO      | NO      |
| CSU         | YES      | CSU storage engine                                  |
| Aria        | YES      | Crash-safe tables with MyISAM heritage                |
| ARCHIVE     | YES      | Archive storage engine                               |
| MyISAM      | DEFAULT  | Default engine as of MySQL 3.23 with great performance
| InnoDB      | YES      | XtraDB engine based on InnoDB plugin. Supports transact
ions, row-level locking, and foreign keys | YES      | YES      | YES      |
| PBXT        | YES      | High performance, multi-versioning transactional engine
|             | YES      | YES      | YES      | NO      |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

MariaDB [(none)]>
```

Read more:

- <http://kb.askmonty.org/en/mariadb-faq/>
- <http://www.percona.com/software/percona-server/faq>