Backup & Recovery

Sang Shin www.javapassion.com "Learning is fun!"



Topics

- Backup and restore databases
- Backup and restore tables
- Backup and restore just table structures
- Backup and restore just data

Backup and Restore Databases

Backup and Restore Database(s)

 Backup: At the command line, use mysqldump to create a SQL file

```
mysqldump --user=root --password= testdb > \tmp\testdb.sql
```

Restore using SOURCE

```
mysql> CREATE DATABASE testdb_restored;
Query OK, 1 row affected (0.00 sec)
mysql> USE testdb_restored;
Database changed
mysql> SOURCE \tmp\testdb.sql
```

Backup and Restore Database(s)

 Backup: At the command line, use mysqldump to create a SQL file

```
mysqldump --user=root --password= testdb > \tmp\testdb.sql
```

Restore using mysql at the command line

```
mysql> CREATE DATABASE testdb_restored2;
Query OK, 1 row affected (0.00 sec)
mysql> USE testdb_restored2;
Database changed
mysql --user=root --password= testdb_restored2 <
\tmp\testdb.sql</pre>
```

Backup and Restore Tables

Backup and Restore Table(s)

 Backup: At the command line, use mysqldump to create a SQL file

```
mysqldump --user=root --password= testdb employees > \tmp\testdb_employees.sql
```

Restore using SOURCE

```
mysql> CREATE DATABASE testdb_restored3;
Query OK, 1 row affected (0.00 sec)
mysql> USE testdb_restored3;
Database changed
mysql> SOURCE \tmp\testdb_employees.sql;
```

Backup and Restore Just Table Structures

Backup and Restore Just Table Structures

 Backup: At the command line, use mysqldump to create a SQL file

```
mysqldump --user=root --password= --no-data testdb employees > \tmp\testdb_employees_no-data.sql
```

Restore using SOURCE

```
mysql> CREATE DATABASE testdb_restored4;
Query OK, 1 row affected (0.00 sec)
mysql> USE testdb_restored4;
Database changed
mysql> SOURCE /tmp/testdb_employees_no-data.sql;
```

Backup and Restore Just Data

Backup and Restore Just Data

 Backup: At the command line, use mysqldump to create a SQL file

```
mysqldump --user=root --password= --no-create-info testdb employees > \tmp\testdb_employees_no-create-info.sql
```

 Restore using SOURCE mysql> SOURCE /tmp/testdb employees no-create-info.sql;

Thank you!

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