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Export, Backup, and Restore

1)

```
mysql> select * into outfile 'C:/sakila_table_customer.txt' from customer;
Query OK, 599 rows affected (0.11 sec)
```

2)

```
mysql> delete from customer;
ERROR 1451 (23000): Cannot delete or update a parent row: a foreign key constrain
t fails (`sakila`.`payment`, CONSTRAINT `fk_payment_customer` FOREIGN KEY (`custo
mer_id`) REFERENCES `customer` (`customer_id`) ON UPDATE CASCADE)
mysql> set foreign_key_checks = 0;
Query OK, 0 rows affected (0.00 sec)

mysql> delete from customer;
Query OK, 599 rows affected (0.51 sec)
```

3)

```
mysql> load data infile 'C:/sakila_table_customer.txt' into table customer;
Query OK, 599 rows affected (0.50 sec)
Records: 599  Deleted: 0  Skipped: 0  Warnings: 0
```

4)

```
mysql> select * from customer where customer_id = 599;
+-------------+----------+------------+-----------+------------------------------------+------------+--------+
| customer_id | store_id | first_name | last_name | email                              | address_id | active |
| create_date            | last_update         |                                                               |
+-------------+----------+------------+-----------+------------------------------------+------------+--------+
|         599 |        2 | AUSTIN     | CINTRON   | AUSTIN.CINTRON@sakilacustomer.org  |        605 |      1 |
| 2015-11-01 14:37:45 | 2006-02-15 04:57:20 |                                                               |
+-------------+----------+------------+-----------+------------------------------------+------------+--------+
1 row in set (0.00 sec)
```

5)

Backup Project
Define the name and content of the backup

General

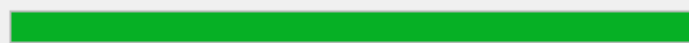Project Name: sakila_full   Name for this backup project.

Backup Progress ...

Backup Progress

		ows	Data ...	Last update

Backup Project: sakila_full
Total Number of Objects: 46
Current Table: 47

		00	16384	
		89	81920	
		6	16384	
		27	49152	

Current Object: `staff_no_pass_email`
Total Number of Rows: 2
Current Row: 3

		09	16384	
		41	81920	
		058	196608	
		143	196608	

Backup finished   ✕

ⓘ   The Backup was finished successfully.

The File C:\Users\Owen\Desktop\CIS\MySQL\Mod11ExportBackupRestoreDB\sakila_full 20151101 1441.sql has been created.

OK

6)

```
mysql> set foreign_key_checks = 0;
Query OK, 0 rows affected (0.00 sec)
```

7)

```
mysql> drop table staff, language;
Query OK, 0 rows affected (0.11 sec)
```

8)

```
mysql> set foreign_key_checks = 1;
Query OK, 0 rows affected (0.00 sec)
```

9)

Restore Options
Please select how the backup should be restored.

General

File to restore: `C:\Users\Owen\Desktop\CIS\MySQL\Mod11ExportBackupRe`   Name of the backup file that should be restored.

Backup Type: SQL Files   Type of backup file.

Restoring C:\Users\Owen\Desktop\CIS\MySQL\Mod11ExportBackupRestoreDB\sakila_full ...

Restoring

Backup File: **C:\Users\Owen\Desktop\CIS\MySQL\Mod11ExportBac**
Total Number of Bytes: **3445818**
Number of Bytes processed: **3445818**

Elapsed time: 11 seconds
Remaining time: none

The restore operation was finished successfully.   [Close]

that has not been created
have to choose the correct
character set of the file. If you have created the backup
with MySQL Administrator the file was written in UTF-8.

[Open Backup File]   [Start Restore]

10)

```
mysql> show tables;
+----------------------------+
| Tables_in_sakila           |
+----------------------------+
| act_title_cat_rated_desc   |
| actor                      |
| actor_info                 |
| address                    |
| category                   |
| city                       |
| country                    |
| customer                   |
| customer_list              |
| film                       |
| film_actor                 |
| film_category              |
| film_list                  |
| film_text                  |
| inventory                  |
| language                   |
| nicer_but_slower_film_list |
| payment                    |
| rental                     |
| sales_by_film_category     |
| sales_by_store             |
| staff                      |
| staff_list                 |
| staff_no_pass_email        |
| store                      |
+----------------------------+
25 rows in set (0.01 sec)
```

11) Same as (10).