Setting Up the world Database

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For help with using MySQL, please visit either the MySQL Forums or MySQL Mailing Lists, where you can discuss your issues with other MySQL users.

Document generated on: 2018-06-22 (revision: 57804)

1 Preface and Legal Notices

This document describes the `world` sample database—its history, installation, structure and usage.

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2 Installation

To enable MySQL users to perform manipulation of this data set using MySQL, the data set is available as a set of three tables:

> **Note**
>
> For MySQL 5.7+ users, a `world_x` variant also exists that implements 5.7+ specific features related to the X DevAPI. That version is also available at http://dev.mysql.com/doc/index-other.html.

- `country`: Information about countries of the world.
- `city`: Information about some of the cities in those countries.
- `countrylanguage`: Languages spoken in each country.

The world file is available for download at http://dev.mysql.com/doc/index-other.html.

> **Note**
>
> Releases issued prior to September 2016 used table names in mixed cases. Now table names are all lowercase. This is because MySQL Shell is case-sensitive.

To install the `world` sample database, follow these steps:

1. Extract the installation archive to a temporary location such as `C:\temp\` or `/tmp/`. Unpacking the archive results in a single file named `world.sql`.

2. Connect to the MySQL server using the `mysql` command-line client with the following command:

   ```
   shell> mysql -u root -p
   ```

   Enter your password when prompted. A non-`root` account can be used as long as the account has privileges to create new databases.

3. Execute the `world.sql` script to create the database structure, and insert the data, by using the following command:

   ```
   mysql> SOURCE C:/temp/world.sql;
   ```

   Replace *`C:/temp/`* with the path to the `world.sql` file on your system.

   > **Note**
   >
   > On Windows, use slashes, rather than backslashes, when executing the `SOURCE` command.

4. Confirm that the sample world database is installed correctly. Execute the following statements. You should see output similar to that shown here.

   ```
   mysql> USE world;
   Database changed

   mysql> SHOW TABLES;
   +-----------------+
   | Tables_in_world |
   +-----------------+
   | city            |
   | country         |
   | countrylanguage |
   +-----------------+
   3 rows in set (0.00 sec)

   mysql> SELECT COUNT(*) FROM city;
   +----------+
   | COUNT(*) |
   +----------+
   | 4079     |
   +----------+
   1 row in set (0.02 sec)

   mysql> SELECT COUNT(*) FROM country;
   +----------+
   | COUNT(*) |
   +----------+
   | 239      |
   +----------+
   1 row in set (0.00 sec)
   ```

You now have the `world` sample database installed.

Another popular sample database is the Sakila database. For additional details, see http://dev.mysql.com/doc/sakila/en/.