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# Setting Up the world Database

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## 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 <https://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 <https://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/>.

