
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:

- **Country**: Information about countries of the world.
- **City**: Information about some of the cities in those countries.
- **CountryLanguage**: Languages spoken in each country.

Setup files to create the `world` database are available for the `InnoDB` or `MyISAM` storage engine:

Note

If you are not sure which to use, you probably want the `InnoDB` version. It is the default storage engine as of MySQL 5.6.

- `world.sql` contains SQL statements to create the database using `InnoDB` tables.
- `world_myisam.sql` is similar but creates `MyISAM` tables. The columns are the same as those in the `InnoDB` tables, but the `MyISAM` tables do not implement foreign key relationships between tables. The `MyISAM` version is available from the [Doc Archives](#).

Each file is available for download at <http://dev.mysql.com/doc/index-other.html>.

The following instructions refer to the `world.sql` file, which contains `CREATE TABLE` statements for `InnoDB` tables. To create `MyISAM` tables instead, substitute the `world_myisam.sql` file in the instructions wherever you see `world.sql`.

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 either `world.sql` for `InnoDB` or `world_myisam.sql` for the `MyISAM` version.
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/>.