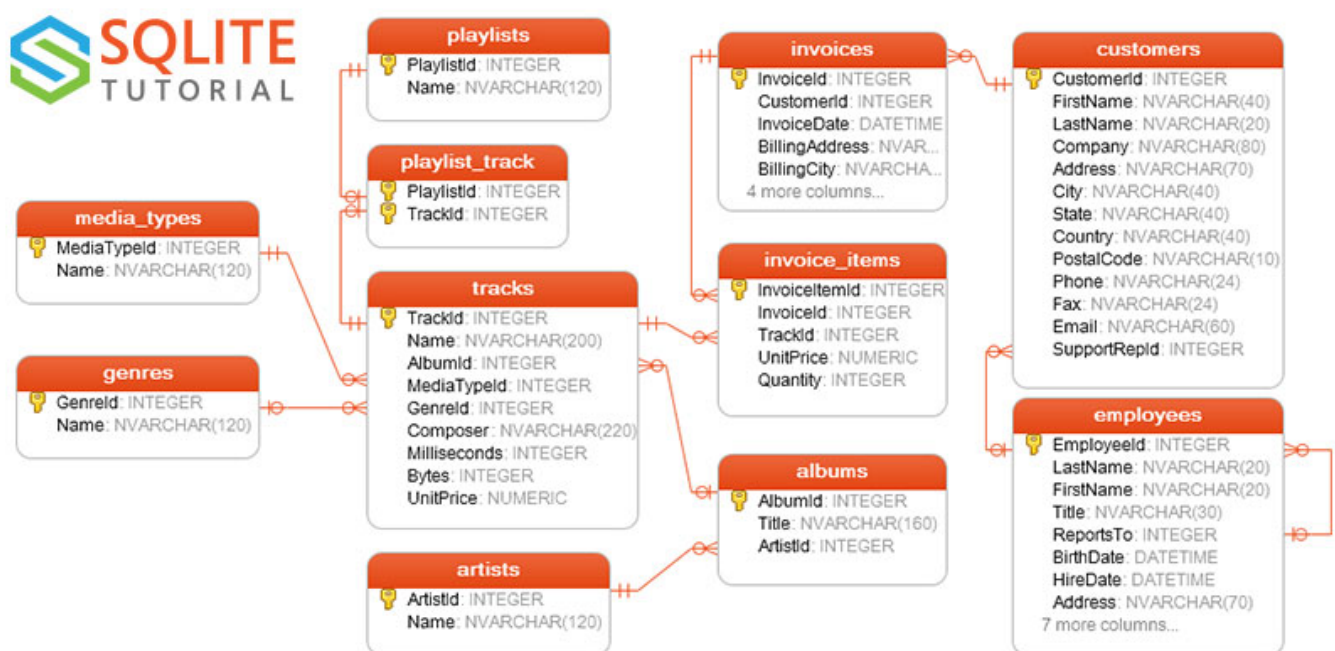


SQLite Sample Database

Summary: in this tutorial, we'll start by introducing an SQLite sample database called Chinook. Then, we will give you the links to download the sample database and its diagram. Finally, we'll show you how to connect to the sample database using the `sqlite3` tool.

We provide an SQLite sample database named Chinook, which is good for practicing with SQLite

The following database diagram shows the Chinook database tables and their relationships.



Chinook sample database tables

The Chinook sample database contains 11 tables, as follows:

- employees table stores employee data such as id, last name, first name, etc. It also has a field named `ReportsTo` to specify who reports to whom.

- `customers` table stores customer data.
- `invoices` & `invoice_items` tables: these two tables store invoice data. The `invoices` table stores invoice header data and the `invoice_items` table stores the invoice line items data.
- `artists` table stores artist data. It is a simple table that contains the id and name.
- `albums` table stores data about a list of tracks. Each album belongs to one artist, but an artist may have multiple albums.
- `media_types` table stores media types such as MPEG audio and AAC audio files.
- `genres` table stores music types such as rock, jazz, metal, etc.
- `tracks` table stores the data of songs. Each track belongs to one album.
- `playlists` & `playlist_track` tables: `playlists` table stores data about playlists. Each playlist contains a list of tracks. Each track may belong to multiple playlists. The relationship between the `playlists` and `tracks` tables is many-to-many. The `playlist_track` table is used to reflect this relationship.

Download SQLite sample database

You can download the SQLite sample database using the following link:

[Download SQLite sample database](#)

If you'd like to have the database diagram for reference, you can download both black-and-white and color versions in PDF format.

[Download the SQLite sample database diagram](#)

[Download the SQLite sample database diagram \(color version\)](#)

How to connect to SQLite sample database

The sample database file is in ZIP format, so you'll need to extract it to a directory, such as `C:\sqlite\`. The file name is `chinook.db`.

First, open the Command Prompt on Windows or a Terminal on Unix-like systems and navigate to the SQLite directory where the `sqlite3` (or `sqlite3.exe`) file is located.

Second, use the `sqlite3` command to connect to the `chinook` sample database located in the same directory.

```
sqlite3 chinook.db
```

It'll show something like this:

```
SQLite version 3.44.3 2024-03-24 21:15:01 (UTF-16 console I/O)
Enter ".help" for usage hints.
sqlite>
```

Third, show all tables in the `Chinook` database using the `.tables` command:

```
.tables
```

Output:

albums	employees	invoices	playlists
artists	genres	media_types	tracks
customers	invoice_items	playlist_track	

Finally, type the `.quit` command to exit the `sqlite3` tool:

```
.quit
```

Summary

In this tutorial, you have learned about the `chinook` SQLite sample database and how to connect to it using the `sqlite3` command-line tool.

Was this tutorial helpful ?

How to Download & Install SQLite Tools