

SQLITE - ATTACH DATABASE

http://www.tutorialspoint.com/sqlite/sqlite_attach_database.htm

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Consider a case when you have multiple databases available and you want to use any one of them at a time. SQLite **ATTACH DATABASE** statement is used to select a particular database, and after this command, all SQLite statements will be executed under the attached database.

Syntax:

Basic syntax of SQLite ATTACH DATABASE statement is as follows:

```
ATTACH DATABASE 'DatabaseName' As 'Alias-Name';
```

Above command will also create a database in case database is already not created, otherwise it will just attach database file name with logical database 'Alias-Name'.

Example:

If you want to attach an existing database **testDB.db**, then ATTACH DATABASE statement would be as follows:

```
sqlite> ATTACH DATABASE 'testDB.db' as 'TEST';
```

Use SQLite **.database** command to display attached database.

```
sqlite> .database
seq  name                file
---  -
0    main                 /home/sqlite/testDB.db
2    test                 /home/sqlite/testDB.db
```

The database names **main** and **temp** are reserved for the primary database and database to hold temporary tables and other temporary data objects. Both of these database names exist for every database connection and should not be used for attachment, otherwise you will get a warning message something as follows:

```
sqlite> ATTACH DATABASE 'testDB.db' as 'TEMP';
Error: database TEMP is already in use
sqlite> ATTACH DATABASE 'testDB.db' as 'main';
Error: database TEMP is already in use
```