

Connecting to a SQLite Database

How to connect to a SQLite database

Since SQLite databases are file-based, connecting to the database is ridiculously easy. You start by calling the `connect()` method of the `sqlite3` module and pass in the path to the database file. This returns a new connection object as follows:

```
conn = sqlite3.connect("db/helpdesk.sqlite")
```

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How to close a SQLite database connection

Once you've opened a database connection, you'll perform whatever tasks you need to perform. Ultimately though, you'll need to close the database connection so that it doesn't remain open and consume valuable application resources. To properly close a database connection, you begin by checking that conn object exists. if it does, then you call the close() method of the connection object to close the connection as follows:

```
if conn:
    conn.close()
```