

15.14: DEBUGGING



Contributed by [Chuck Severance](#)

Clinical Associate Professor (School of Information) at [University of Michigan](#)

One common pattern when you are developing a Python program to connect to an SQLite database will be to run a Python program and check the results using the Database Browser for SQLite. The browser allows you to quickly check to see if your program is working properly.

You must be careful because SQLite takes care to keep two programs from changing the same data at the same time. For example, if you open a database in the browser and make a change to the database and have not yet pressed the "save" button in the browser, the browser "locks" the database file and keeps any other program from accessing the file. In particular, your Python program will not be able to access the file if it is locked.

So a solution is to make sure to either close the database browser or use the *File* menu to close the database in the browser before you attempt to access the database from Python to avoid the problem of your Python code failing because the database is locked.