

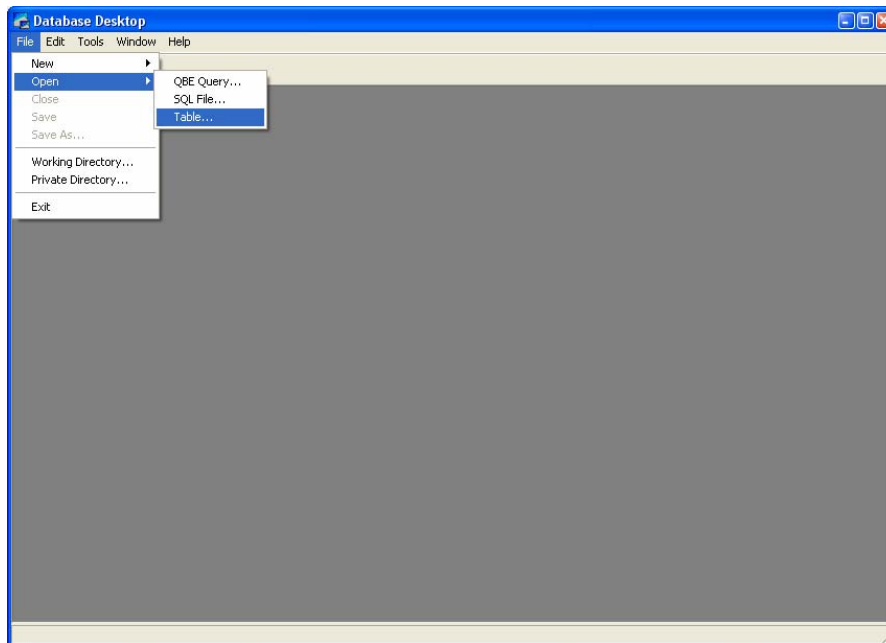
Fixing Key Violation in Paradox Table with Auto Increment Primary Key

Any paradox table that has a primary key consisting of an auto-increment field is susceptible to the bit in the file header which stores the auto inc value becoming out of step with the actual data.

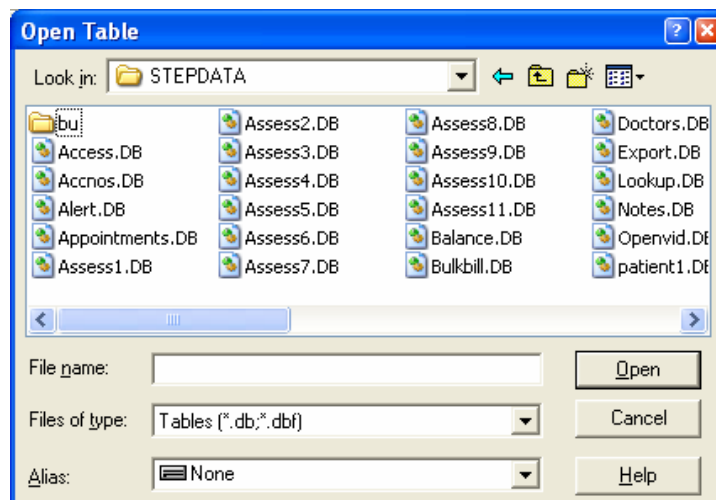
The easiest way to fix this is using a database tool such as Database Desktop.

Procedure

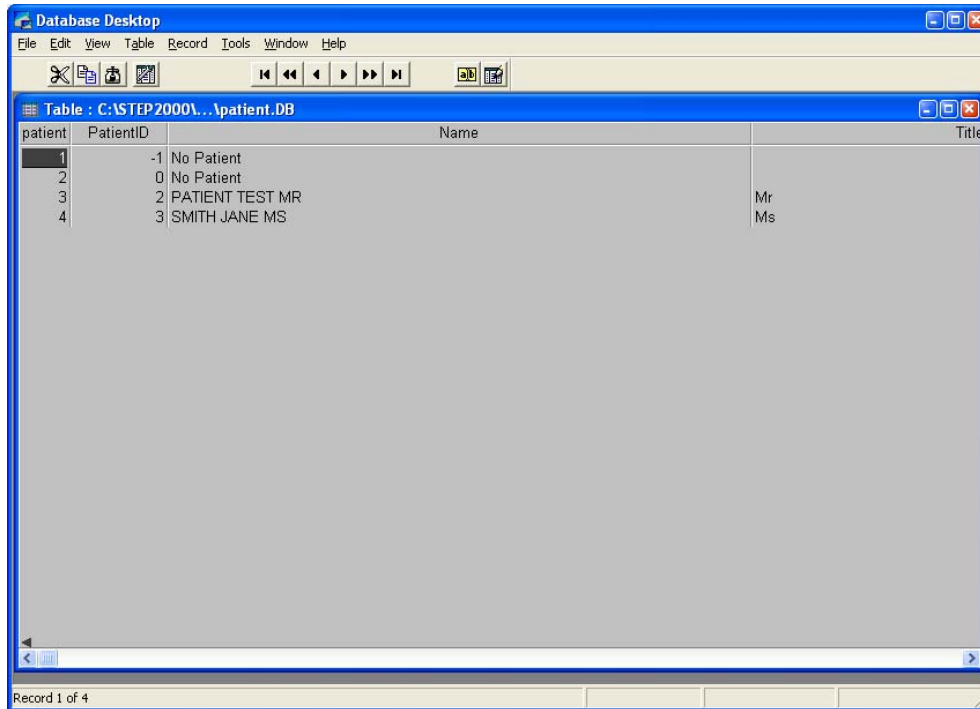
- 1) Open Database desktop (DBD32.EXE) and select File | Open | Table.



- 2) Locate the table to open (in the case of Step Ahead and Video Analysis the data will be stored on either your C: or D: drive in a folder named STEPDATA. It may also be stored on a server on your network.)

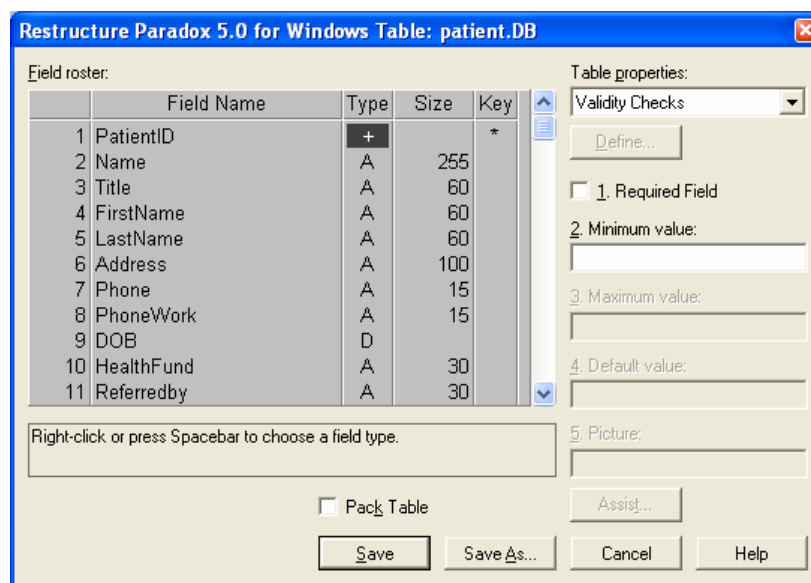


3) Select the table to repair (eg patient.db)



4) With the table in view select the RESTRUCTURE button (fourth from left) to open the table restructure window.

WARNING – If you accidentally change something you didn't mean to you may render your system inoperable. Take extreme caution when altering table structures.



5) Move the cursor to the Autoinc field Type column (designated by a + sign) and change it to an I (ie the character I) for integer and Save the table structure.

You will be returned to the table view.

6) Select the RESTRUCTURE button again and change the field back to AutoInc (ie place a + in the type column where you changed it to an I previously) and save the table again.

This will reset the Autoinc byte in the file header of the table solving the 'Key Violation' problem.

Note: If you cannot open the table with DBD, take a backup of the table and then perform a table repair using any one of the many table repair utilities available on the web.