CEE538 Computer-Aided Project Management

Where are my P6 Databases when I use P6 on CAEN?

For each student, CAEN sets up two P6 SQLite databases that you will use when you run P6 at U-M through a CAEN lab, or from home through the network using VMware Horizon Client. These two databases are in *your* "CAEN Home Directory", N:\, and are named as follows:

Connection	Database file (pathname)
"PrimaveraXXyyDB_Personal"	"N:\PrimaveraXXyyDB_Personal.db"
"PrimaveraXXyyDB_Sample"	"N:\PrimaveraXXyyDB_Sample.db"

CAEN chose the above database filenames to indicate their purpose (Personal vs. Sample) and the version of P6 (i.e., XXyy) that is currently available through CAEN.

Your "Personal" database starts out empty and is the database where you will create the various projects for your Lab Assignments for CEE538, if you run P6 through CAEN.

The "Sample" database contains the example projects provided by Primavera to illustrate the use of P6. Do not save your Lab Assignments in the "Sample" database.

These two database files are stored on drive "N:" which is your CAEN "Windows Home Directory". You can access Drive "N:" and the above database files on all CAEN computers (or from your own laptop at home) using several methods. See this link for details:

- https://teamdynamix.umich.edu/TDClient/76/Portal/KB/ArticleDet?ID=5297

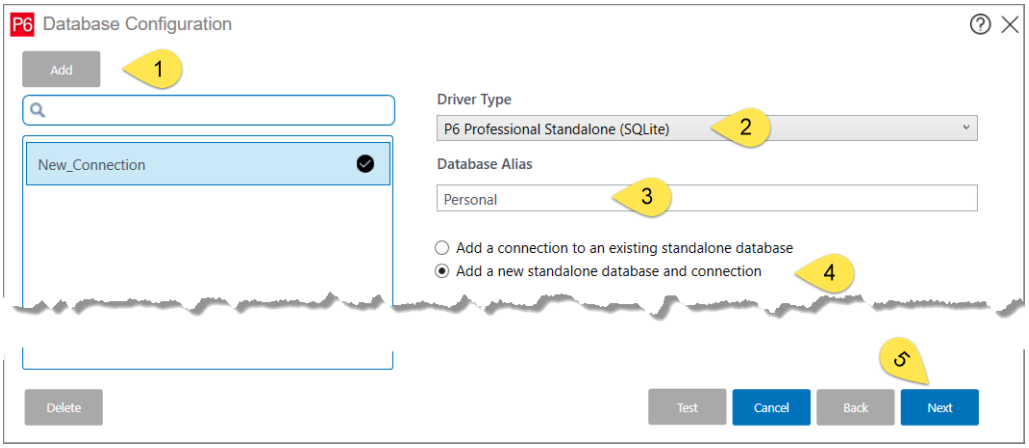
How do I create a P6 SQLite database when I run P6 on my own Windows PC?

Instructions on how to create a P6 SQLite database when you install P6 on your own Windows computer appear in the following YouTube video.

- https://www.youtube.com/watch?v=tDfxwKNWjKc&t=5s

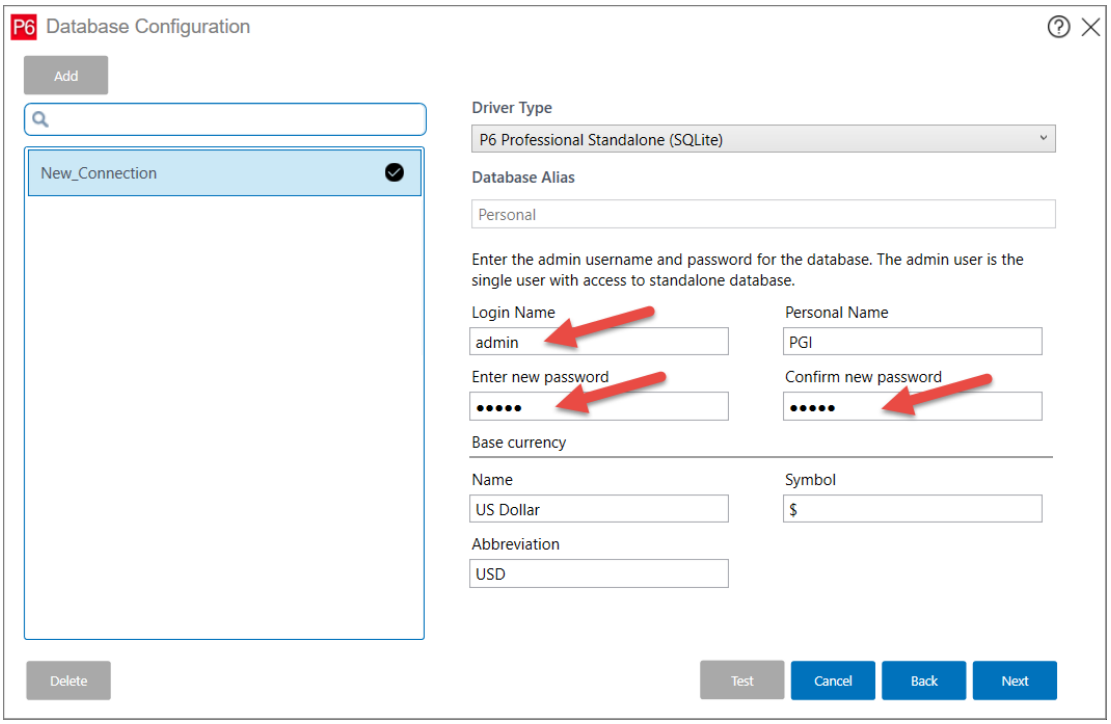
See the video section "The Database Setup (SQLite option)" which starts at 5 min 30 sec.

The steps are also shown in the screen shot below:
(1) Click on "Add", (2) Select the "Driver Type" for "**P6 Professional Standalone (SQLite)**" database, (3) Type "Personal" as the "Database Alias", (4) Select "Add a new standalone database and connection", and (5) Click "Next".



The Login Name and the Password for all your Databases should be "admin"

In the next dialog (shown below) enter the "Login Name" and the "Password" for your new database. Use the text "admin" (without the quotes) for both the "Login Name" and the "Password" for this database (and all other databases that you may create).



Where should I create a P6 SQLite database when I run P6 on my own Windows PC?

After you click "Next" in the above dialog, you will need to specify the folder and the filename where P6 will create a new SQLite database.

For instructions on where to store the P6 database files on your PC, see the file on Canvas:

- "*How to Organize your Folders and Files*".

For example, for the "Personal" database shown in the dialog in the screen shot below, the folder is:

1. C:\Users\YourName\Documents\CEE538\P6_Databases\

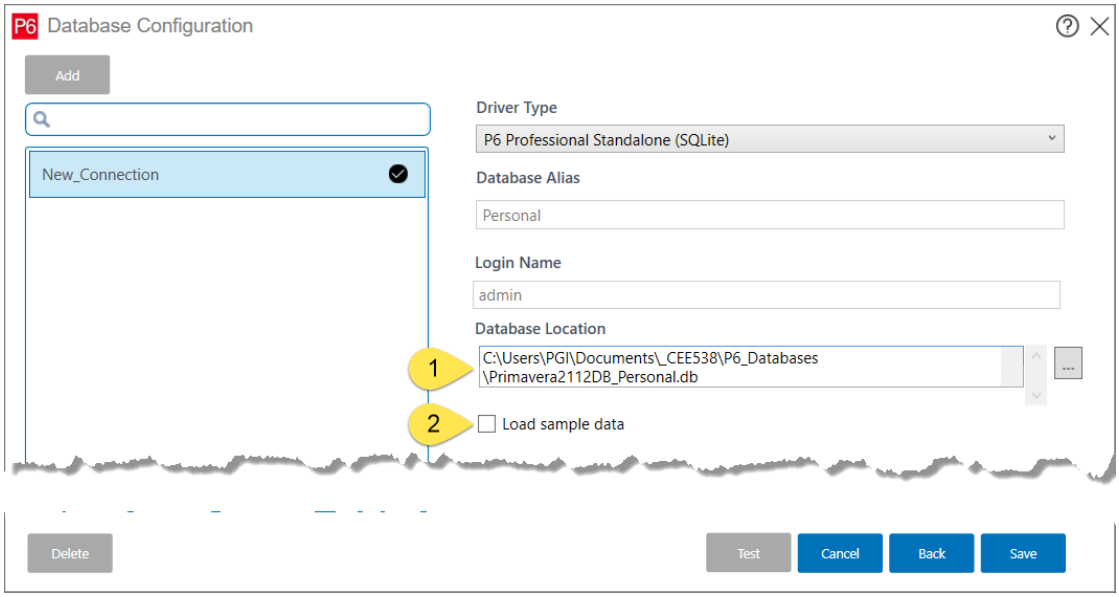
And the filename for the SQLite database that P6 will create is:

Primavera2412_Personal.db

IMPORTANT: to create an empty Personal SQLite database file that you can use to store your projects for CEE538:

2. Clear the checkmark in "Load sample data"

The entries in the dialog screen shot shown below can serve as examples.
NOTE: The following screenshots are from the 21.12 version of P6 and show "2112" instead of "2412". Substitute the string "2412" where the string "2112" appears in the screenshots.

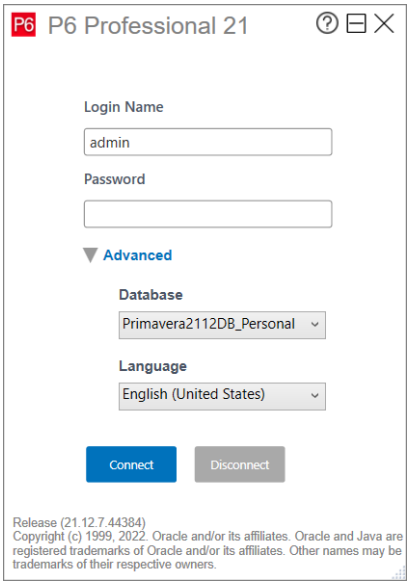


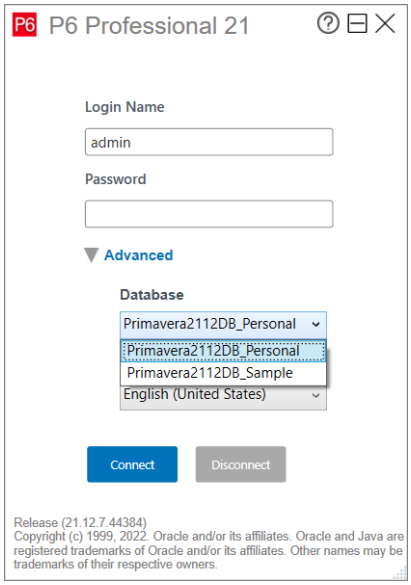
Why is SQLite the best database type to use with P6 on my own PC?

When P6 runs in "standalone mode" on a single PC, it can work with SQLite databases entirely on its own. It does not need a separate *database server* running over the network on another computer. This allows P6 to work on your computer independently. The other database choices (Oracle, Microsoft SQL, etc.) are meant for enterprises where each PC running P6 is a *client* that reads and writes project data over the network to a separate centralized *database server* (which runs on a separate computer).

How do I select which Database to open and use when I run P6?

Each time you run P6, it shows the dialog below. Click on Advanced to select the "Database" (also called the "Connection" or "Alias") that you would like to open and work with.





The Alias "Primavera2412DB_Personal" shown in the left screen shot above (from P6 on CAEN) points to and will open the SQLite database file with the same name that should start out empty. This is the appropriate choice for working on your CEE538 Lab Assignments.

- Both the username and password for the "Personal" database should be "admin".

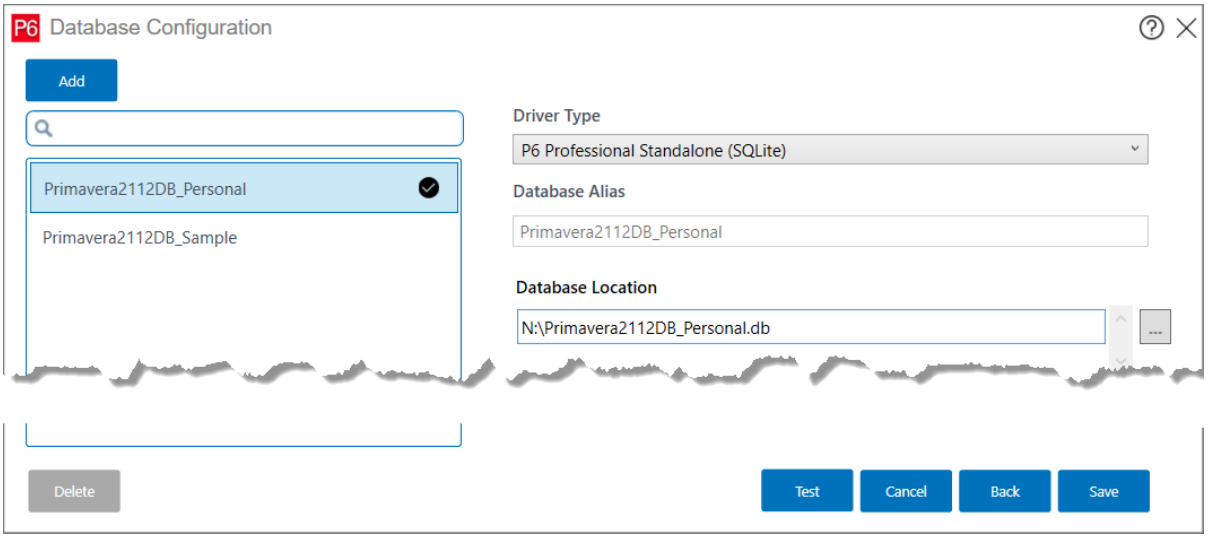
If you would like to work with a different SQLite database file, you must first exit P6, and then start P6 again and select the alias (connection) for the database you would like to work with.

You can choose which database to open in P6 by selecting a database alias (connection) from the list shown under the label "Database". See the example screenshot on the right above.

How do I see which P6 Databases Connections are available?

In the example screenshots above (from P6 on CAEN), click on the button "Edit database configuration?" to see the list of existing database "connections" and to create a new one.

This brings up the following dialog to "add" or "configure" a P6 "Database Alias":
("Alias" = "database connection" = "shorthand for the pathname to a database file")



The above screen shot example (from P6 on CAEN) shows that:

- The selected Database Alias (i.e., connection) is "Primavera2412DBPersonal".
- The "Driver Type:" is "P6 Professional Standalone (SQLite)"
  (and not "Oracle" or "Microsoft SQL").
- The alias "Primavera2412DB_Personal" points to the SQLite database file:
  "N:\Primavera2412DB_Personal.db"

How do I create a new P6 Database and Alias?

To create a new database file and an associated new alias (or to create a new alias for an existing database file), click on the button "Add…" shown in the above dialog. The steps that follow are identical to those described in the above video.

If you would like to create an empty SQLite database, then at 8min:00sec into the video, make sure that you remove the checkmark in the checkbox "*Load Sample Data*" at the lower left of the dialog box.

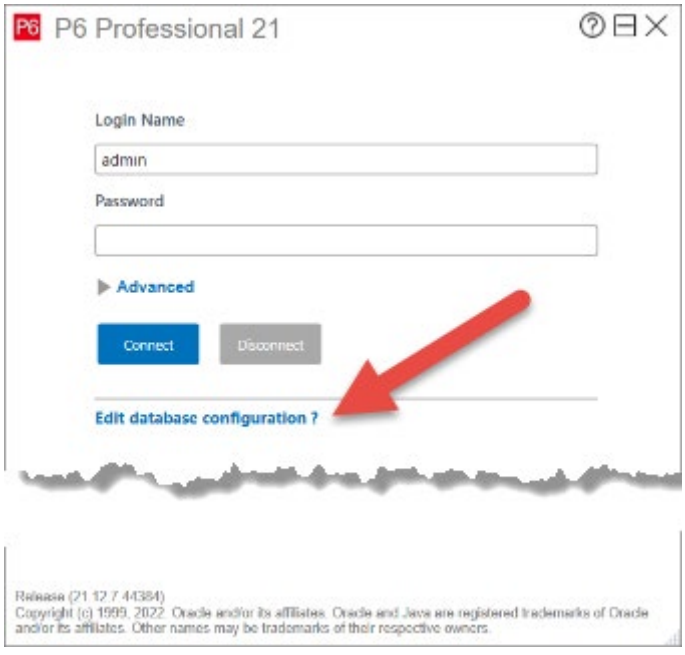
If you have installed P6 on your own Windows computer, then you should have created two SQLite databases (to match those provided by CAEN) with the following filenames and aliases (where 2412 is the version of P6 Pro installed on your computer):

Alias	Database
"Personal"	"Primavera2412DB_YourName_Personal.db"
"Sample"	"Primavera2412DB_YourName_Sample.db"

Where is my "Personal" P6 SQLite Database when I run P6 on my own PC?

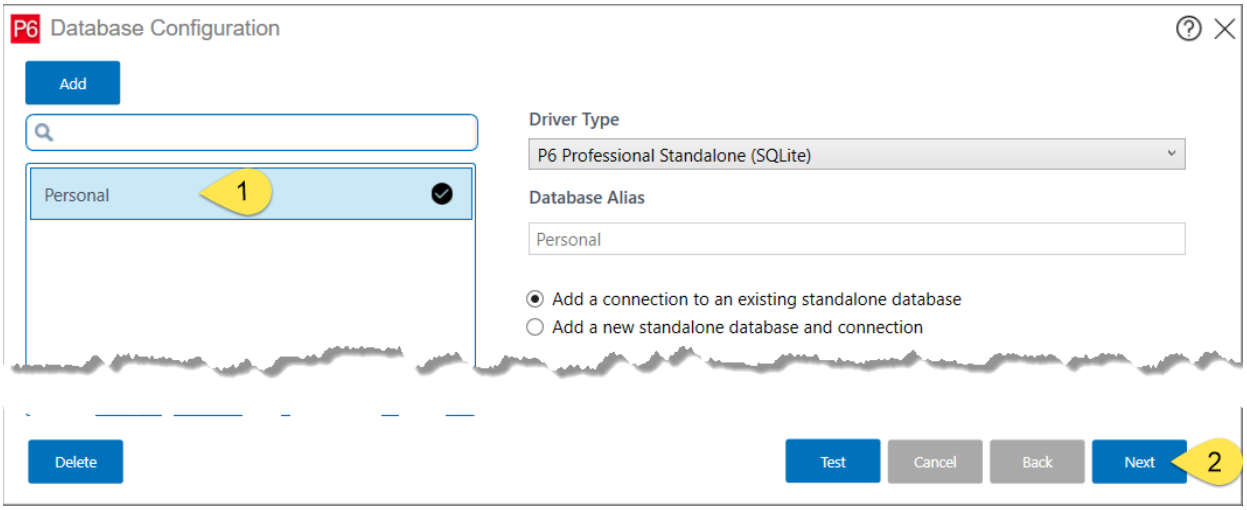
If you have installed P6 on your own Windows computer, then you have created your own "Personal" P6 SQLite database file in a folder on your PC that you have chosen.

If you have forgotten where you have saved the SQLite database file, and to find it again, run P6 on your PC and at the initial dialog (shown below) click on "Edit database configuration?"



In the next dialog that pops up (shown below),

1. Click on the “connection” or “alias” for your “Personal” P6 database, and
2. Click on the “Next” button.



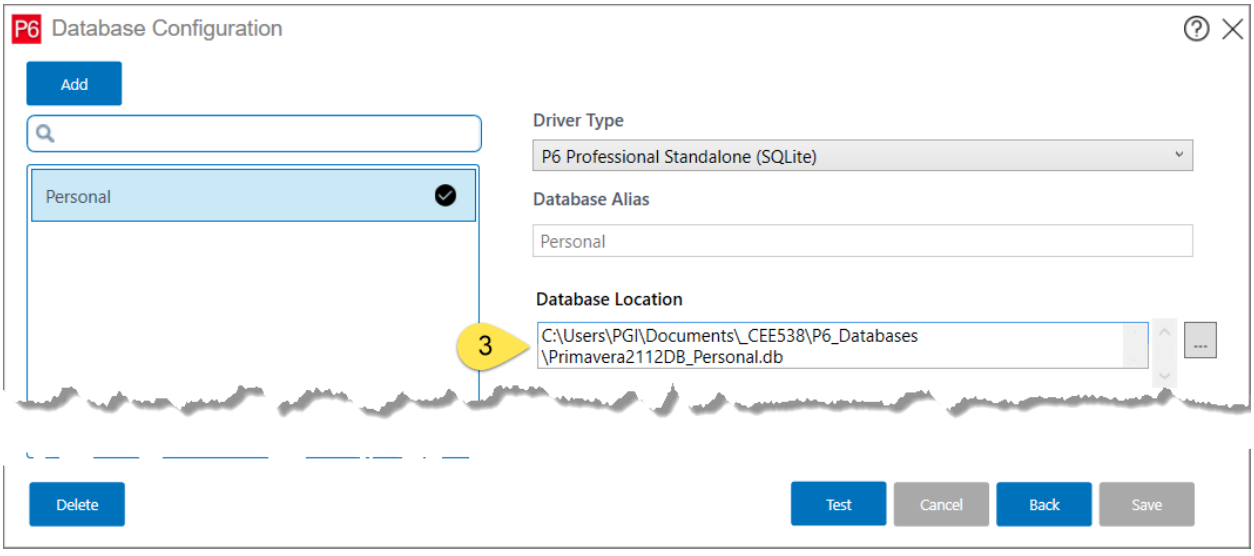
This will bring up the next dialog (shown below).

The path to your "Personal" P6 database will be shown in the box

3. “Database Location”.

For example, in the screen shot below, the “Personal” P6 database file is:

- C:\Users\PGI\Documents_CEE538\P6_Databases\Primavera2412DB_Personal.db



NOTE: Your database file may have a different filename and may be stored in a different folder location, depending on the choices you made when you created your database.