

Pre-Setup: Install PostgreSQL 10 with PgAdmin4

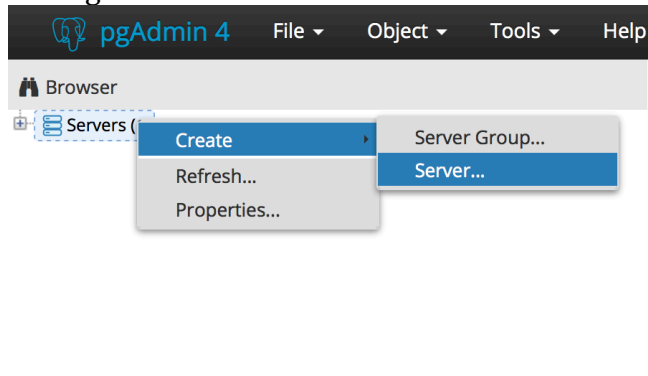
- **Preferred method:** Utilize the enterprise DB installation to get both PgAdmin4 and Postgres 10.4 (link: <https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>)
- **Alternative Method:** Install PostgreSQL 10 and PgAdmin4 separately.
 - PostgreSQL 10 (link: <https://www.postgresql.org/download/>)
 - PgAdmin 4 (link: <https://www.pgadmin.org/download/>)
 - Windows users please use the interactive installer by EnterpriseDB (link: <https://www.postgresql.org/download/windows/>), which includes pgAdmin 4.

Start PgAdmin4 and ensure the postgres server is 'running' (it generally will be by default after installation).

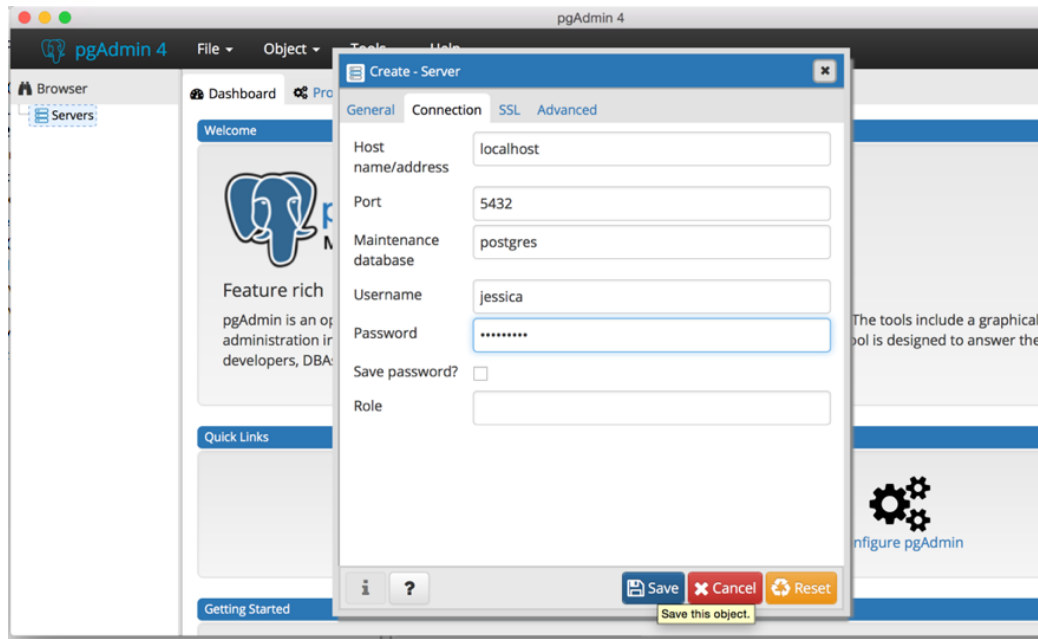
Step 1: Check your servers list. If you already have one named 'localhost' please SKIP THIS STEP!

Otherwise: Add your computer to the list of connections

- Right Click on Servers and Select Create then Server

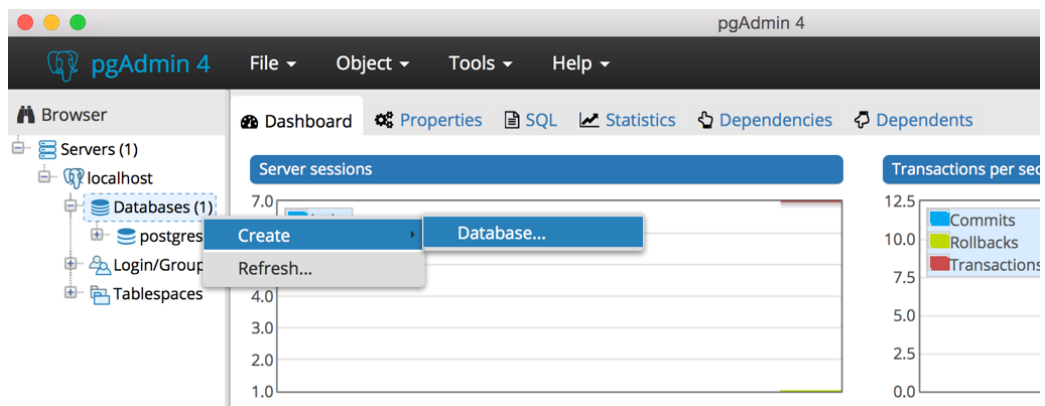


- Under the "General" tab, give the connection a name
- Then switch to the "Connection" tab to use the hostname: "localhost" and use your username and password to connect to the server.

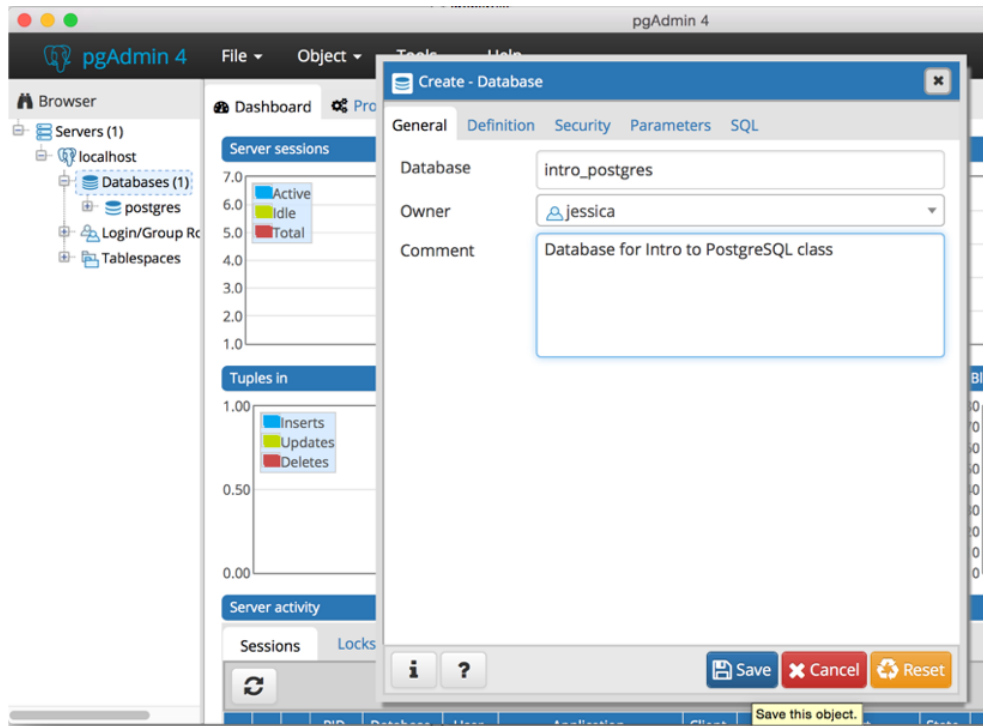


Step 2: Add a database to be utilized for the class

- Expand the localhost server by clicking the '+' sign
- Right-click on 'Databases' and select 'Create -> Database...'

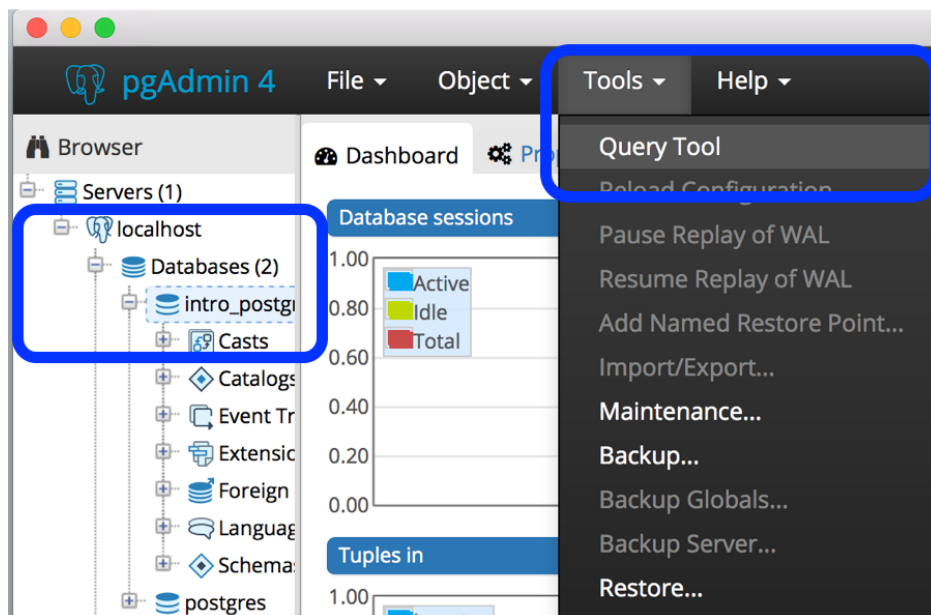


- In the general tab give the database a name



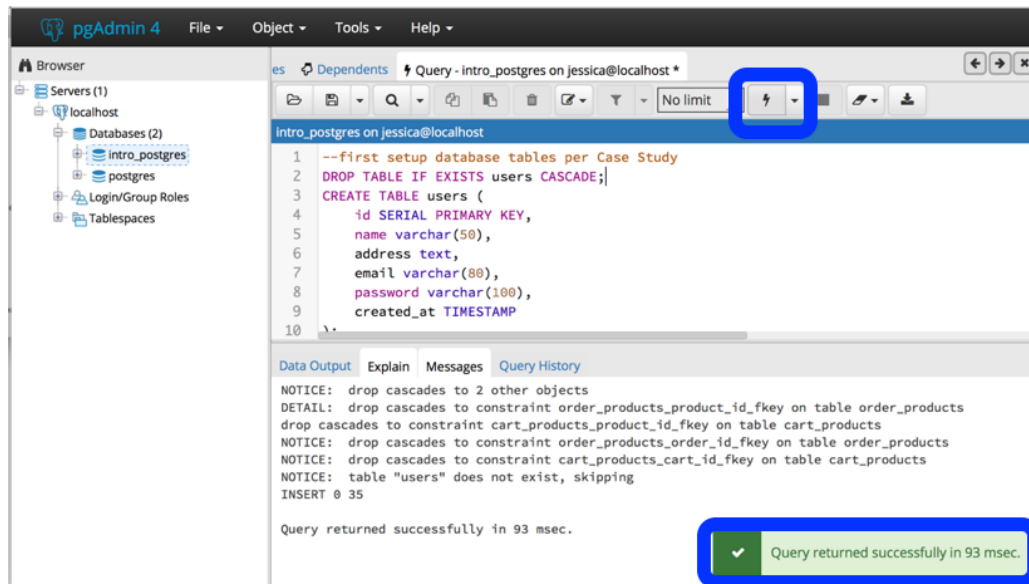
Step 3: Start the "Query Tool"

- Click on the database to 'highlight' it
- Click on the "Tools" dropdown in PgAdmin
- Select 'Query Tool' from the drop down



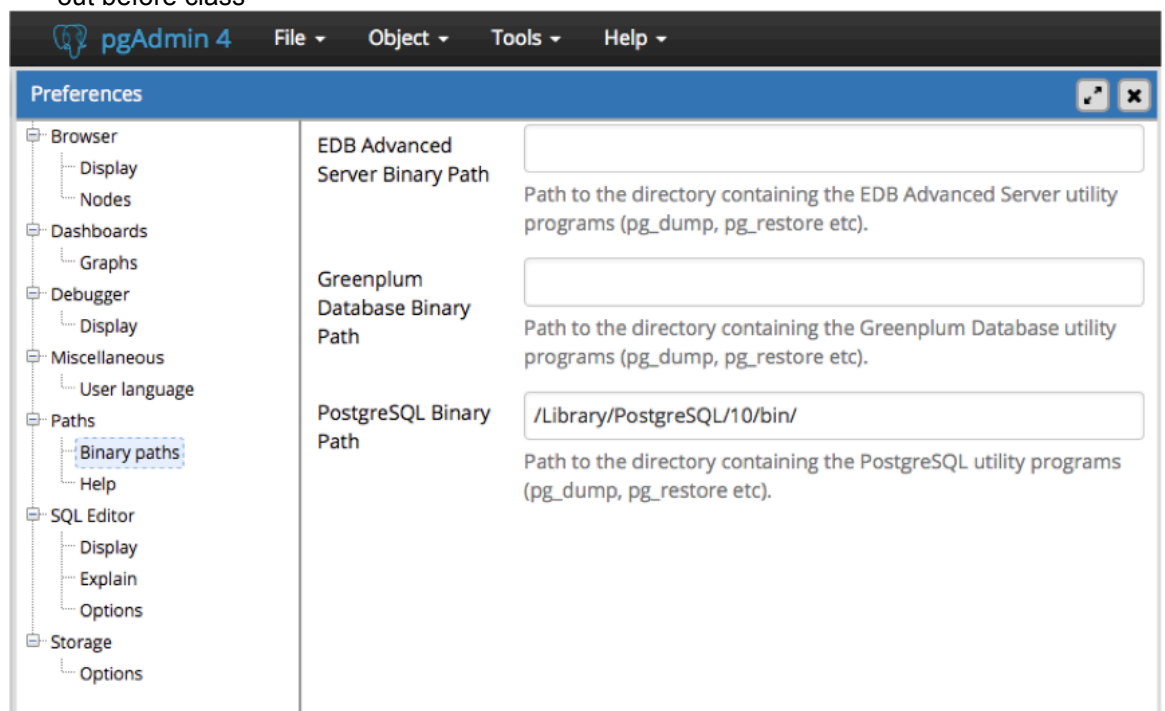
Step 4: Seed the database by copy pasting this entire file into the query tool and 'Execute'

- Utilize this link to get the file - Note: Use the RAW link to get the format needed to copy paste from the browser.
https://raw.githubusercontent.com/jess88/Introduction-to-PostgreSQL/master/intro_to_postgres_setup.sql
- Copy the entire file into the query tool and execute the command with F5 or the lightning bolt button.



Step 5: Verify Binary paths setup for the day 2 CSV import

- Ensure you have Binary path set for: "PostgreSQL Binary Path"
 - Go to File -> Preferences and ensure you have the 'Binary Paths' section filled out before class



Step 6: Download the cheat sheet to add to for notes/reference during the class

- https://raw.githubusercontent.com/jess88/Introduction-to-PostgreSQL/master/intro_to_postgres_cheat_sheet.txt