



A



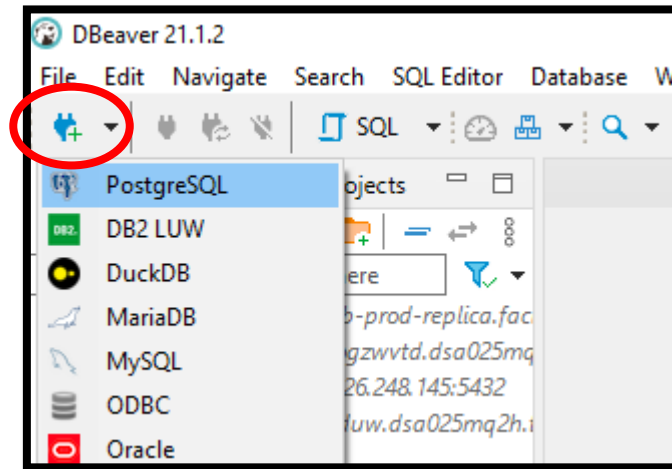
with



1. Start DBeaver



2. Click the “connect” icon, and select **PostgreSQL**



3. Enter the host, port, database, username, and password, then click “Test Connection ...”

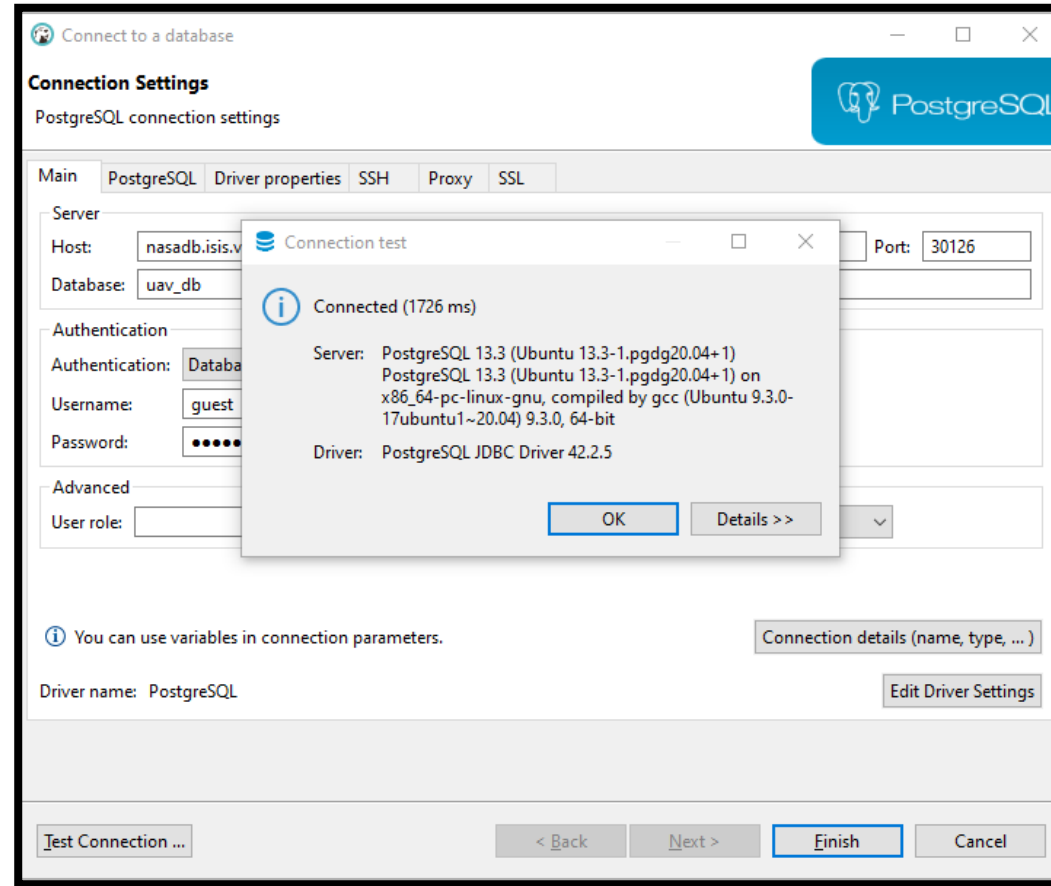
The screenshot shows a 'Connect to a database' window with the 'PostgreSQL' tab selected. The 'Connection Settings' section is active, displaying the following fields:

- Server:**
 - Host:** nasadb.isis.vanderbilt.edu
 - Port:** 30126
 - Database:** uav_db
- Authentication:**
 - Authentication:** Database Native (dropdown)
 - Username:** guest
 - Password:** (masked with dots)
 - ☒ Save password locally
- Advanced:**
 - User role:** (empty field)
 - Local Client:** PostgreSQL 12 (dropdown)

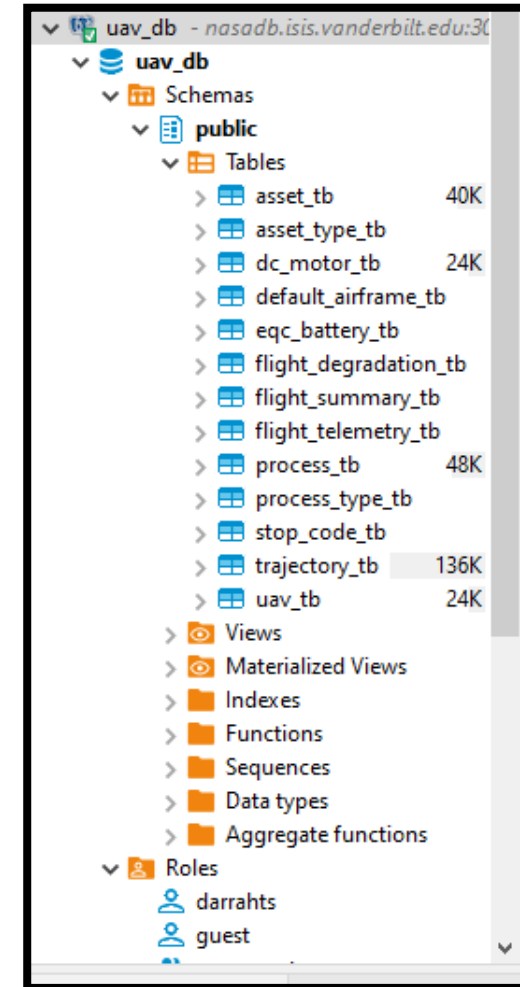
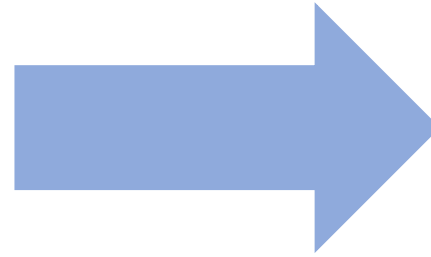
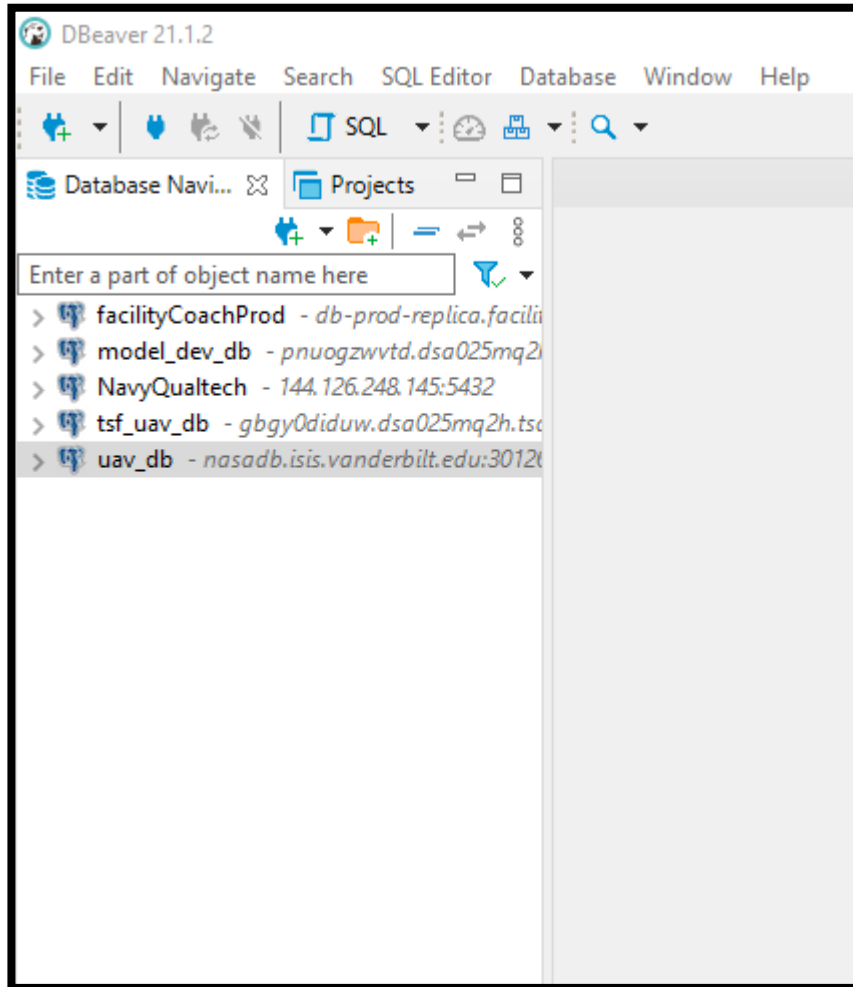
Below the fields, there is an information icon and the text: "You can use variables in connection parameters." To the right, there are buttons for "Connection details (name, type, ...)" and "Edit Driver Settings".

At the bottom, there are four buttons: "Test Connection ..." (highlighted with a red rectangle), "< Back", "Next >", and "Finish".

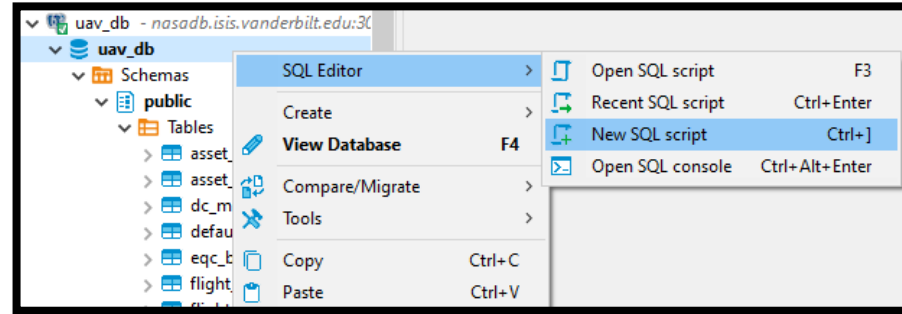
4. Click “OK”, and then “Finish”



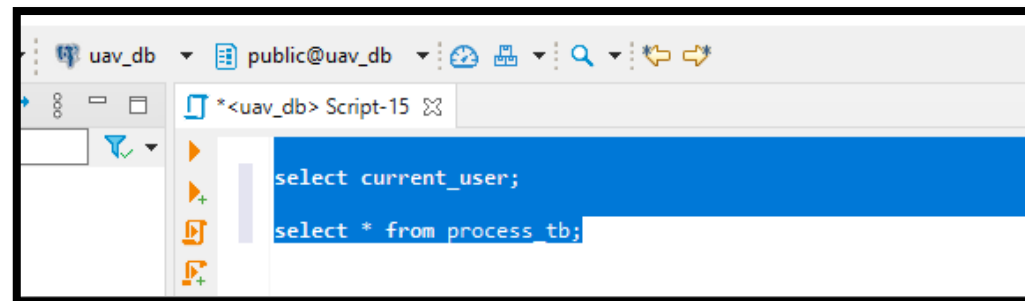
5. The database connection should now appear in the left pane, expanding it out reveals the database



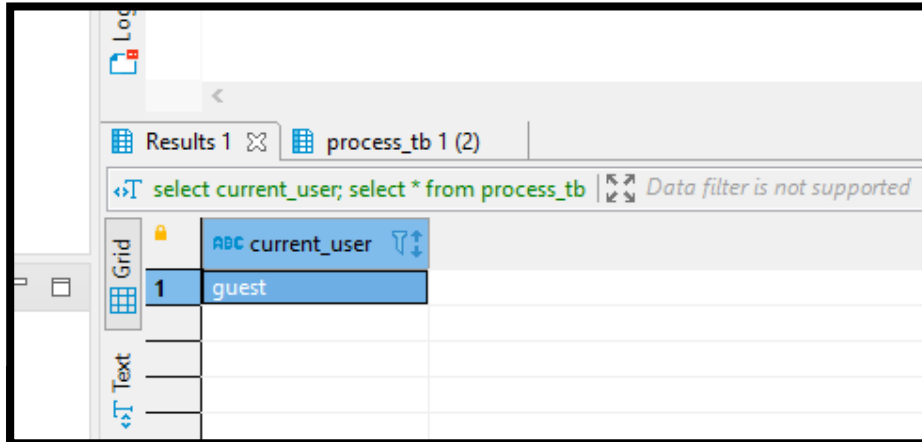
6. Right click on “uav_db” and select “New SQL script”



7. In the editor, type the following two lines, highlight them, and press ctrl+enter. The results will show below.

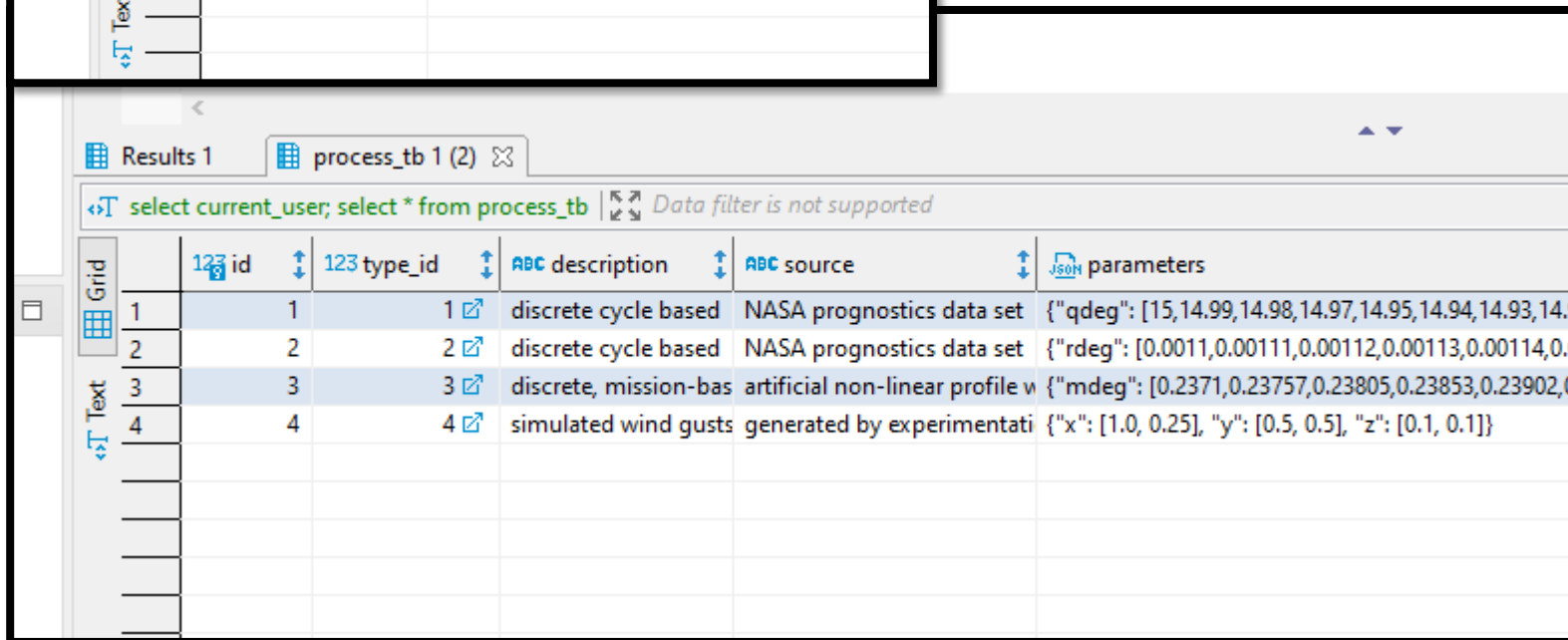


8. Now you have correctly setup and verified the database connection!



The screenshot shows a database client window with a query editor at the top containing the SQL statement: `select current_user; select * from process_tb`. Below the editor, the 'Grid' tab is selected, displaying a single row of results. The first column is labeled 'current_user' and contains the value 'guest'.

current_user
guest



The screenshot shows the same database client window with the same SQL query. The 'Grid' tab is selected, displaying a table with four rows of data from the 'process_tb' table. The columns are 'id', 'type_id', 'description', 'source', and 'parameters'.

	id	type_id	description	source	parameters
1	1	1	discrete cycle based	NASA prognostics data set	{"qdeg": [15,14.99,14.98,14.97,14.95,14.94,14.93,14.92,14.91,14.9]}
2	2	2	discrete cycle based	NASA prognostics data set	{"rdeg": [0.0011,0.00111,0.00112,0.00113,0.00114,0.00115,0.00116,0.00117,0.00118,0.00119]}
3	3	3	discrete, mission-bas	artificial non-linear profile v	{"mdeg": [0.2371,0.23757,0.23805,0.23853,0.23902,0.2395,0.23997,0.24045,0.24093,0.24141]}
4	4	4	simulated wind gusts	generated by experimentati	{"x": [1.0, 0.25], "y": [0.5, 0.5], "z": [0.1, 0.1]}

end