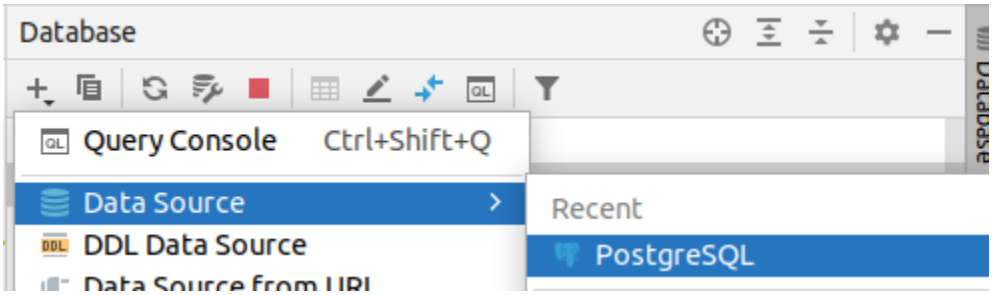
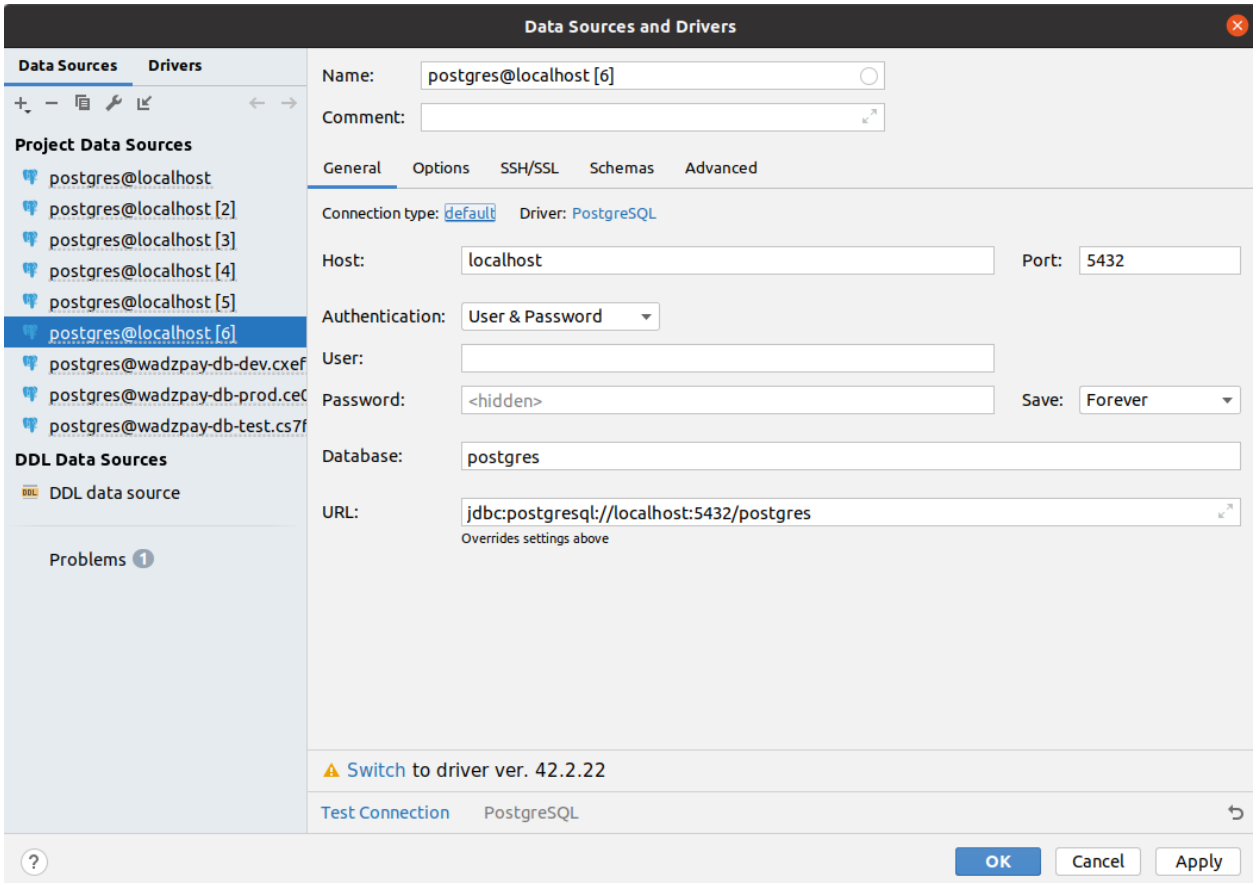
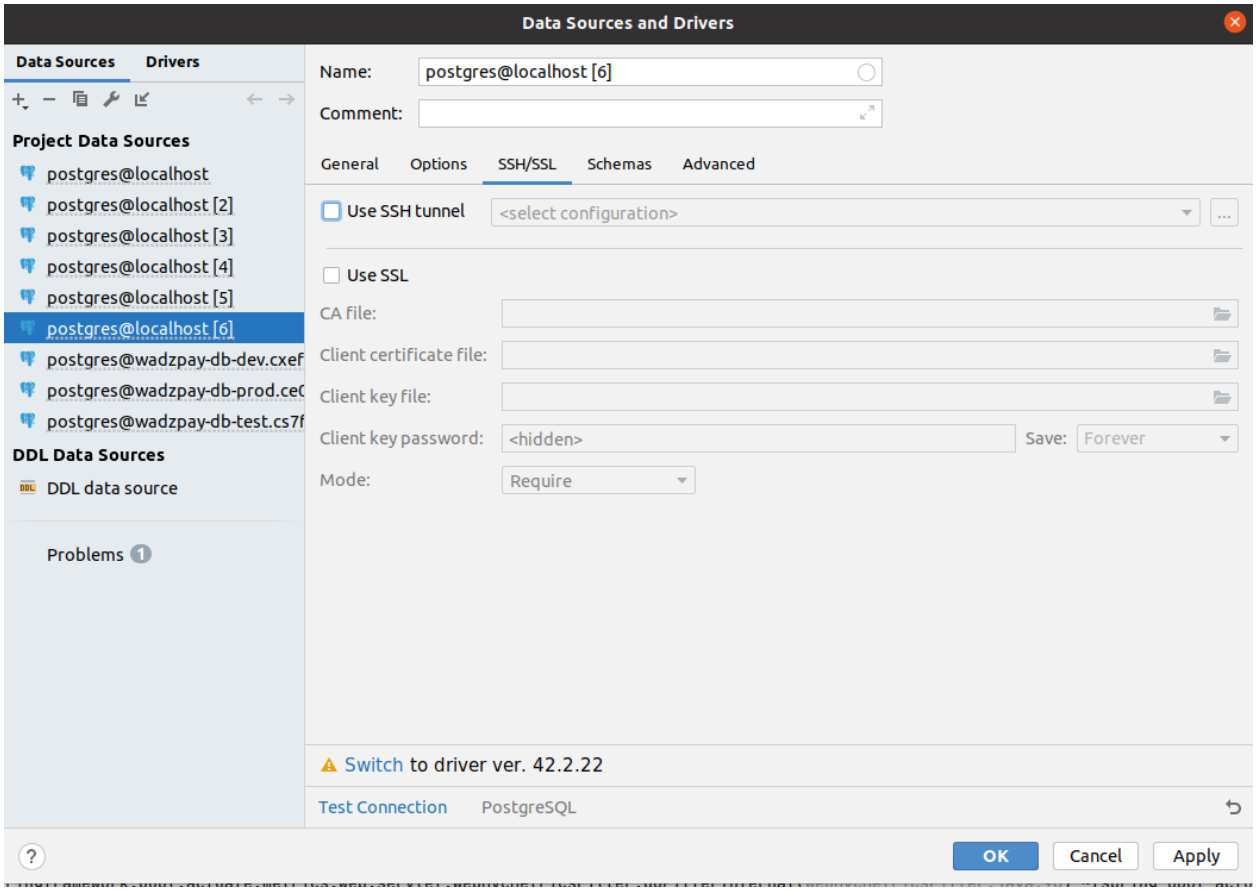
1. Log into AWS console
2. Go to the RDS dashboard
3. In the menu choose databases
4. Select a single database from the list
5. Copy “Endpoint” value somewhere
6. Go to EC2 dashboard
7. In menu, under “Network and security” select “Key pairs”
8. Click on “Create key pair”
9. Enter the name of the key pair and click “Create key pair”
10. The key pair was downloaded from the browser to your machine.
11. Generate public key from key pair. On Linux, you can do this by opening the terminal in the key pair folder and executing the command “**sudo chmod 400 key.pem**” to set appropriate access, and then you have to execute “**ssh-keygen -y -f key.pem > key.pub**”. Here **key.pem** and **key.pub** are the names of your key, which can be different of course.
12. Go back to the EC2 dashboard
13. In the menu, under “Instances” select “Instances”
14. In instances list choose “bastion”
15. Copy “**Public IPv4 DNS**” somewhere
16. Click the “connect” button
17. Select “EC2 instance connect” and click “Connect”
18. EC2 instance terminal will open in the new window.
19. Type “**cd .ssh**” and press Enter
20. Type “**cat >> authorized_keys**” and press Enter
21. Copy content of **key.pub** generated on step 11 to EC2 terminal, press enter, and Ctrl+C
22. Leave EC2 Terminal
23. Go to any tool which is used to set up DB connections (E.g. Intellij IDEA Ultimate)
24. Select PostgresSQL as connection type



25. Select “SSH/SSL”

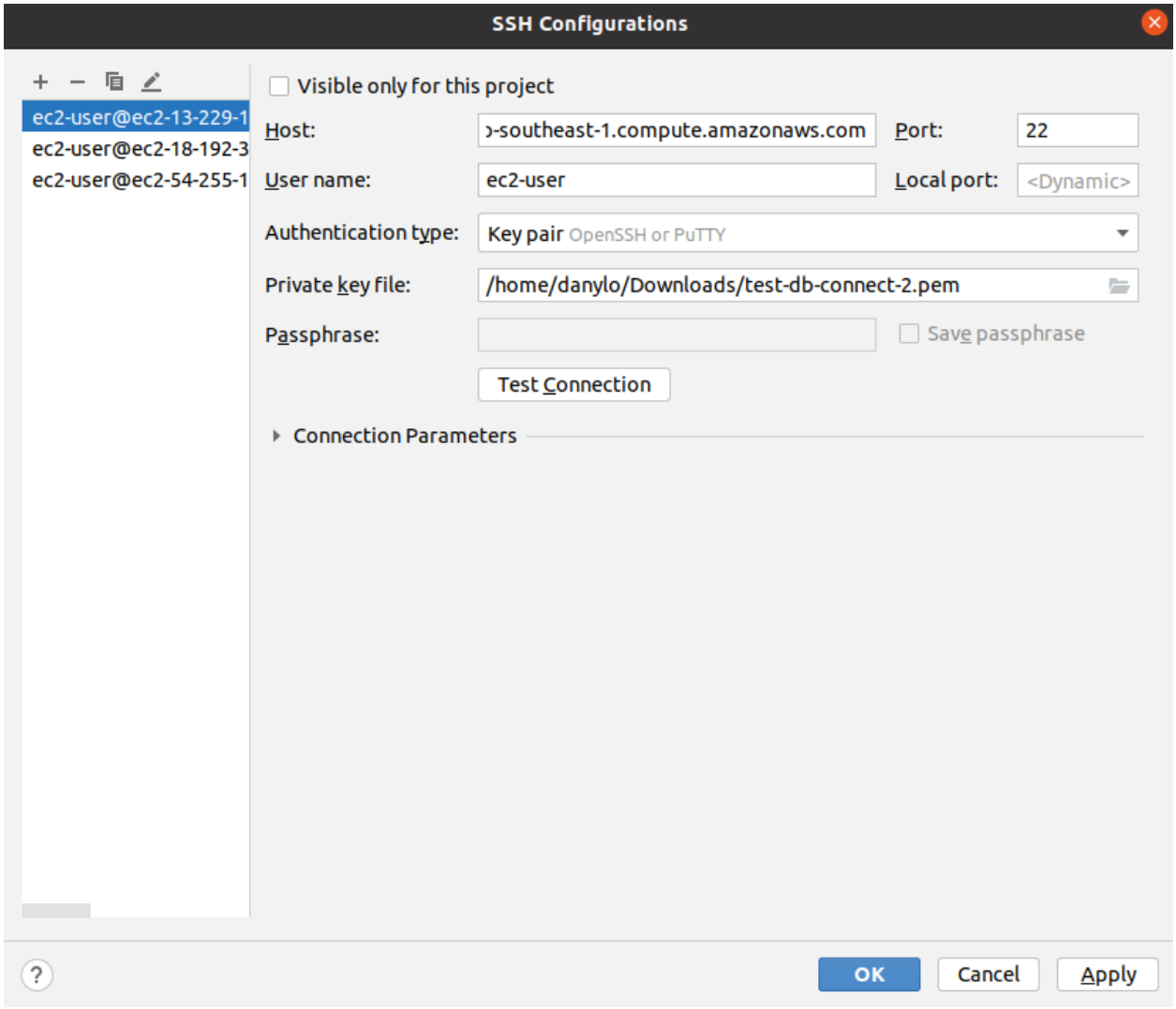


26. Click on “Use SSH tunnel checkbox”



27. Click on three dots

28. Press on +



29. For Host input value from step 15
30. For User name input “ec2-user”
31. Select Key pair authentication type.
32. In private key file use file downloaded at step 10
33. Test connection
34. Press OK
35. Go back from “SSH/SSL” to General
36. For host use the value from step 5
37. For user use “postgres”
38. For password contact Danylo
39. Test connection