

Instructions to installing

Download the postgresql more than 10 th version

<https://www.postgresql.org/download/>



The screenshot shows the PostgreSQL download page. At the top, there is a navigation bar with links: Home, About, Download, Documentation, Community, Developers, Support, Donate, and Your account. Below the navigation bar, a dark blue banner displays the text: "13th August 2020: PostgreSQL 12.4, 11.9, 10.14, 9.6.19, 9.5.23, and 13 Beta 3". The main content area is divided into two columns. The left column, titled "Quick Links", contains a list of links: Downloads, Packages, Source, Software Catalogue, and File Browser. The right column, titled "Downloads" with a download icon, contains the heading "PostgreSQL Downloads" and a paragraph stating: "PostgreSQL is available for download as ready-to-use packages or installers for various platforms. You can also build it yourself." Below this, the section "Packages and Installers" is shown, followed by the instruction "Select your operating system family:". There are four buttons for selection: Linux (with a penguin icon), macOS (with an Apple icon), Windows (with a Windows logo icon), and BSD (with a BSD logo icon).

13th August 2020: PostgreSQL 12.4, 11.9, 10.14, 9.6.19, 9.5.23, and 13 Beta 3

Quick Links

- Downloads
- Packages
- Source
- Software Catalogue
- File Browser

Downloads

PostgreSQL Downloads

PostgreSQL is available for download as ready-to-use packages or installers for various platforms. You can also build it yourself.

Packages and Installers

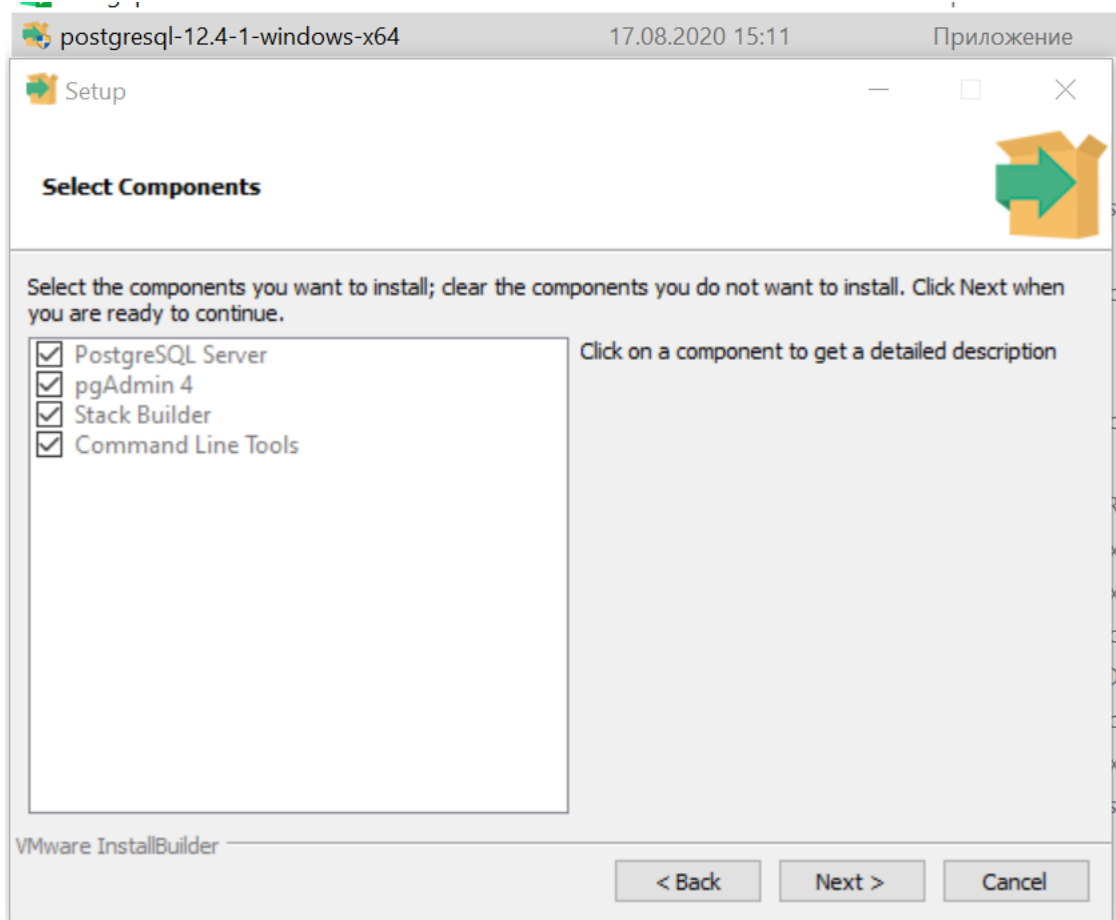
Select your operating system family:

Linux

macOS

Windows

BSD



In installing, Enter the user and password postgres

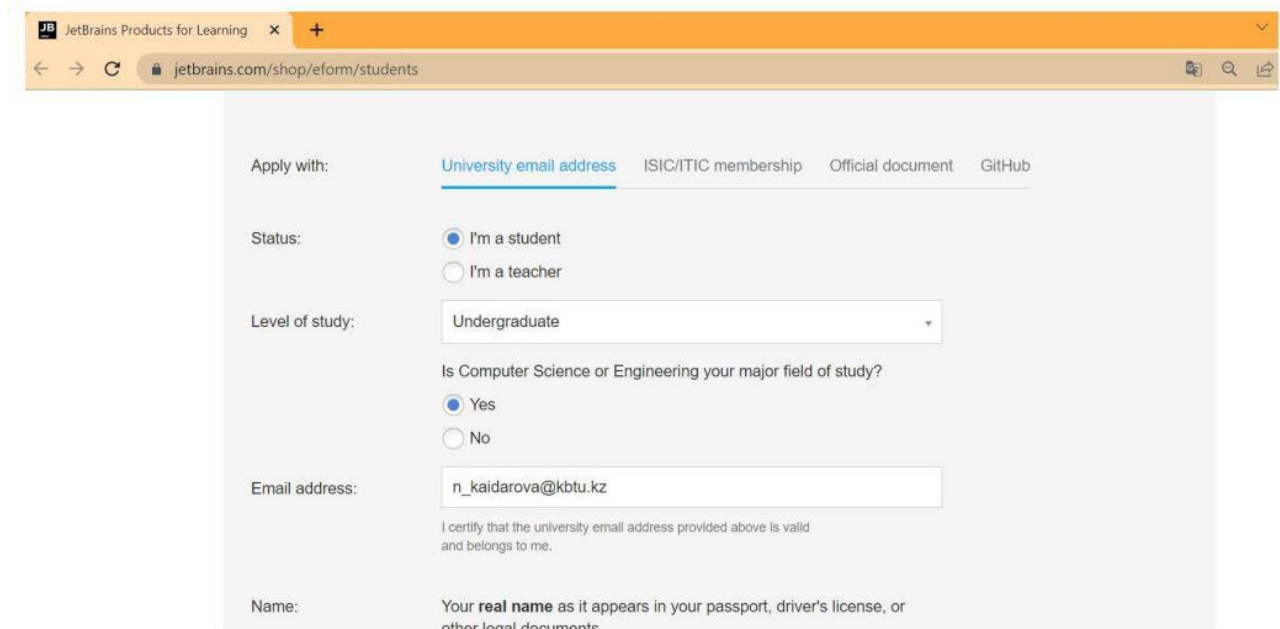
After installing PostgreSQL, Follow the links:

<https://www.jetbrains.com/datagrip/>

<https://www.jetbrains.com/ru-ru/community/education/#students>

<https://www.jetbrains.com/shop/eform/students>

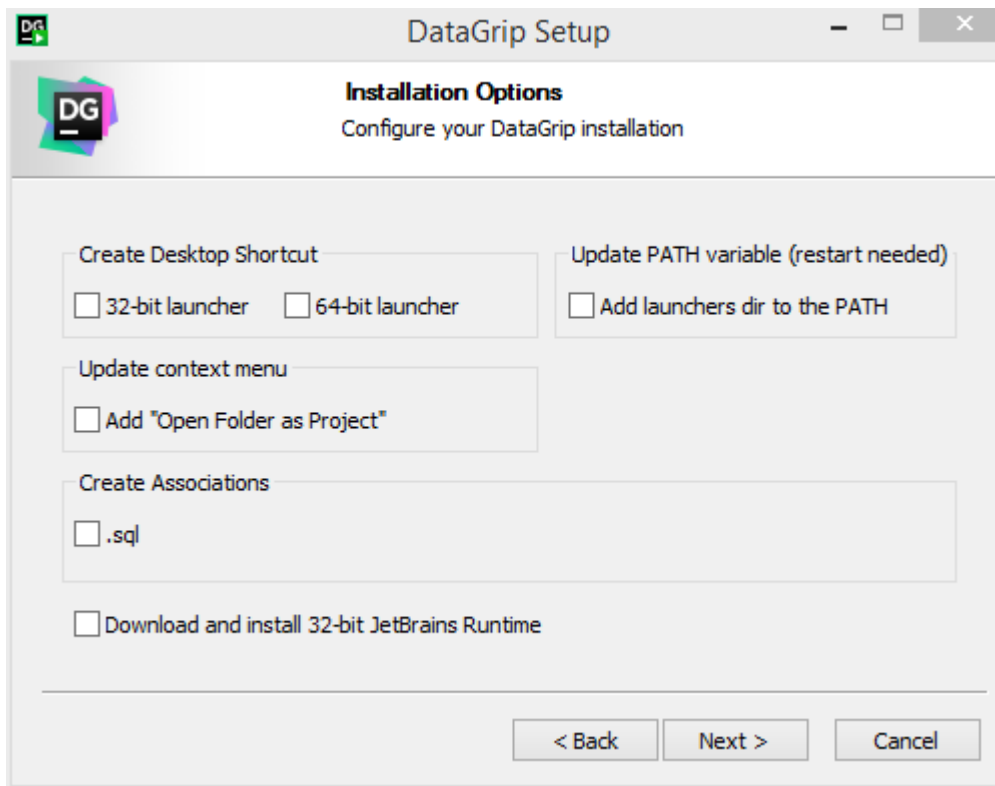
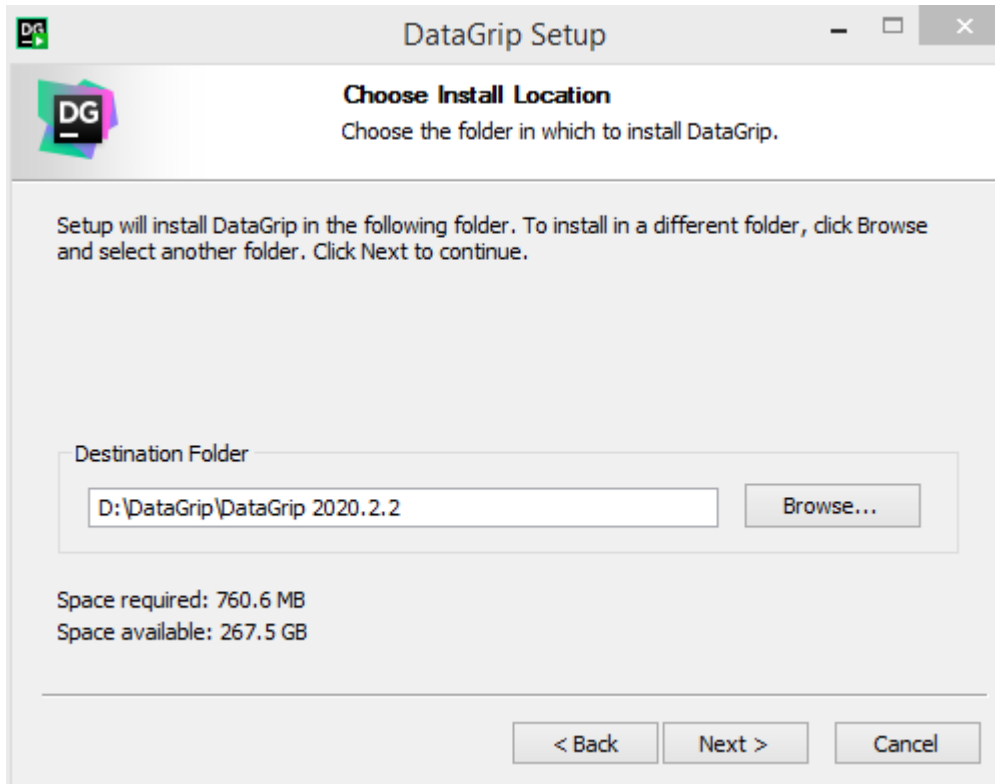
! Important! fill please the kbtu mail and activate via kbtu mail in Microsoft Outlook



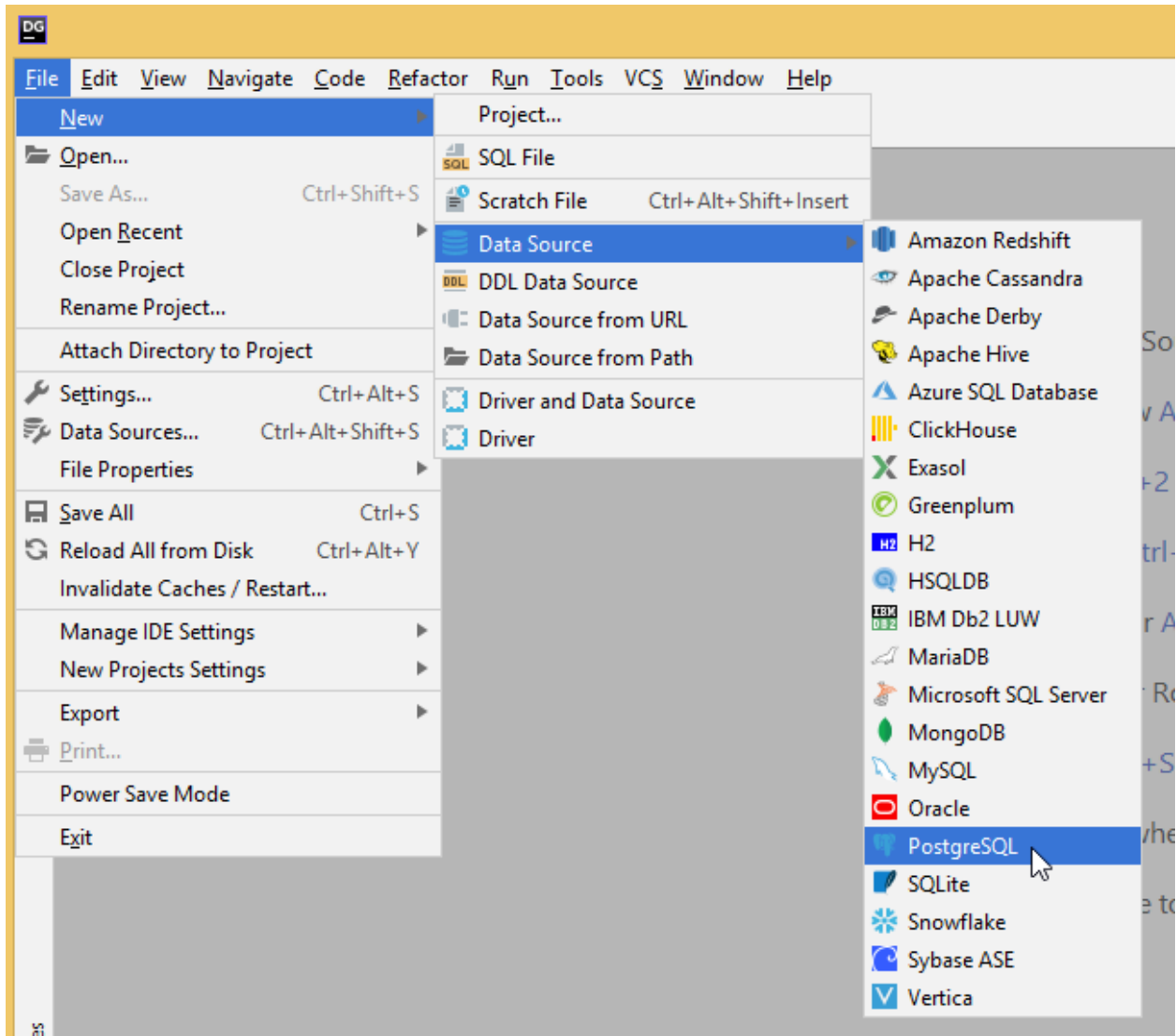
The screenshot shows a web browser window with the address bar displaying "jetbrains.com/shop/eform/students". The page content is a registration form with the following fields and options:

- Apply with:** Four tabs are visible: "University email address" (selected), "ISIC/ITIC membership", "Official document", and "GitHub".
- Status:** Two radio buttons: "I'm a student" (selected) and "I'm a teacher".
- Level of study:** A dropdown menu currently showing "Undergraduate".
- Is Computer Science or Engineering your major field of study?** Two radio buttons: "Yes" (selected) and "No".
- Email address:** A text input field containing "n_kaidarova@kbtu.kz". Below this field is a small text line: "I certify that the university email address provided above is valid and belongs to me."
- Name:** A text input field with a placeholder text: "Your **real name** as it appears in your passport, driver's license, or other legal documents".

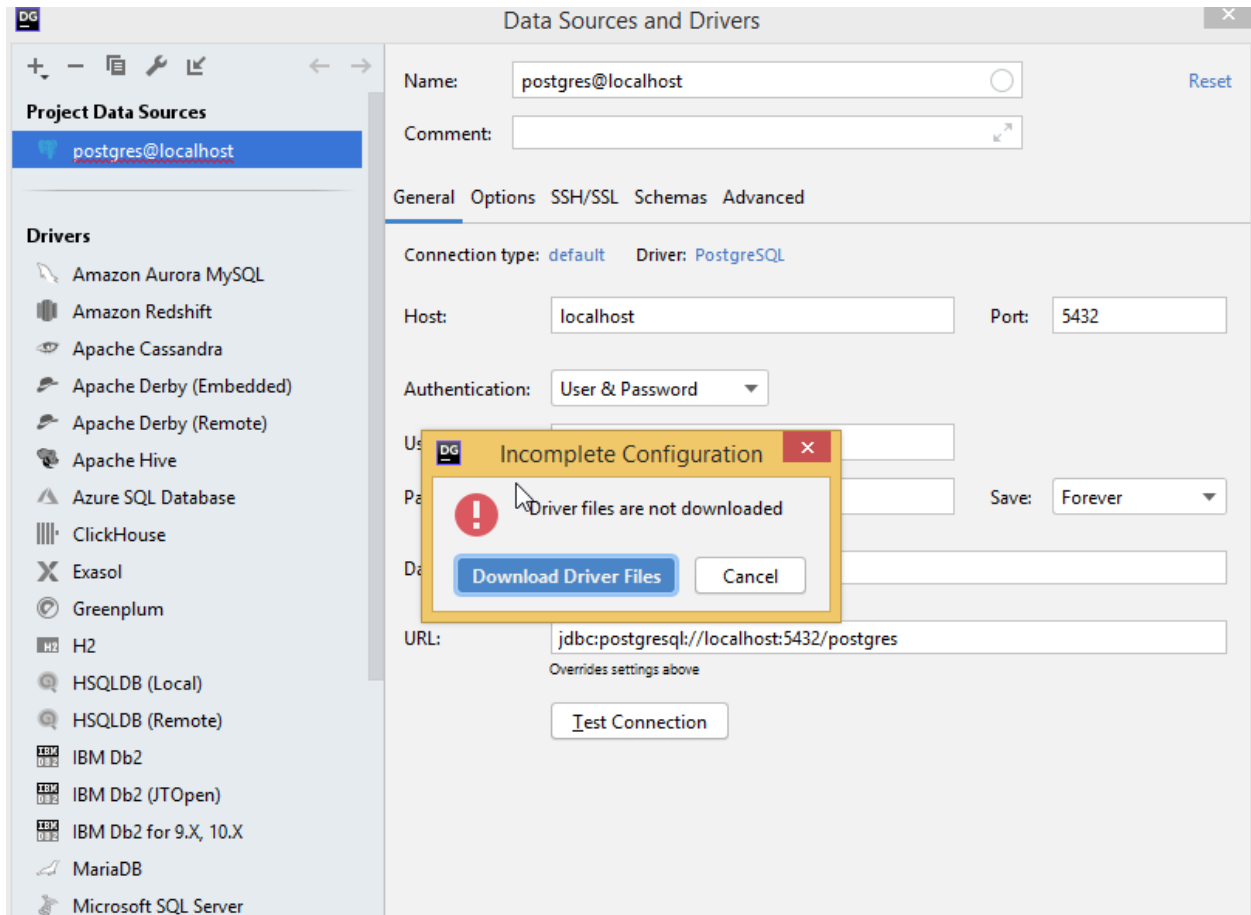
Install the DataGrip



After installing chose PostgreSQL:



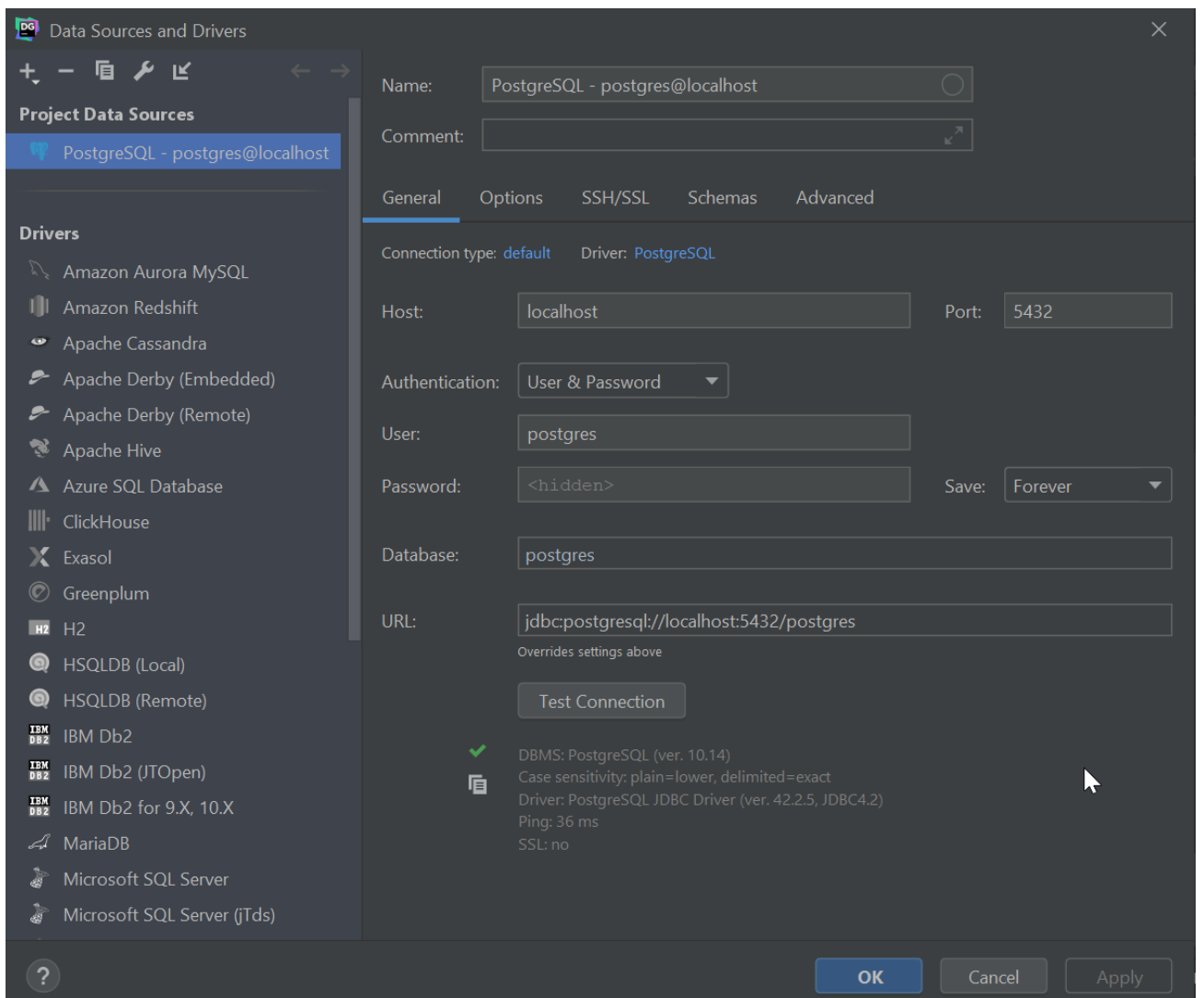
Download the driver:



1. In opened window fill the columns:

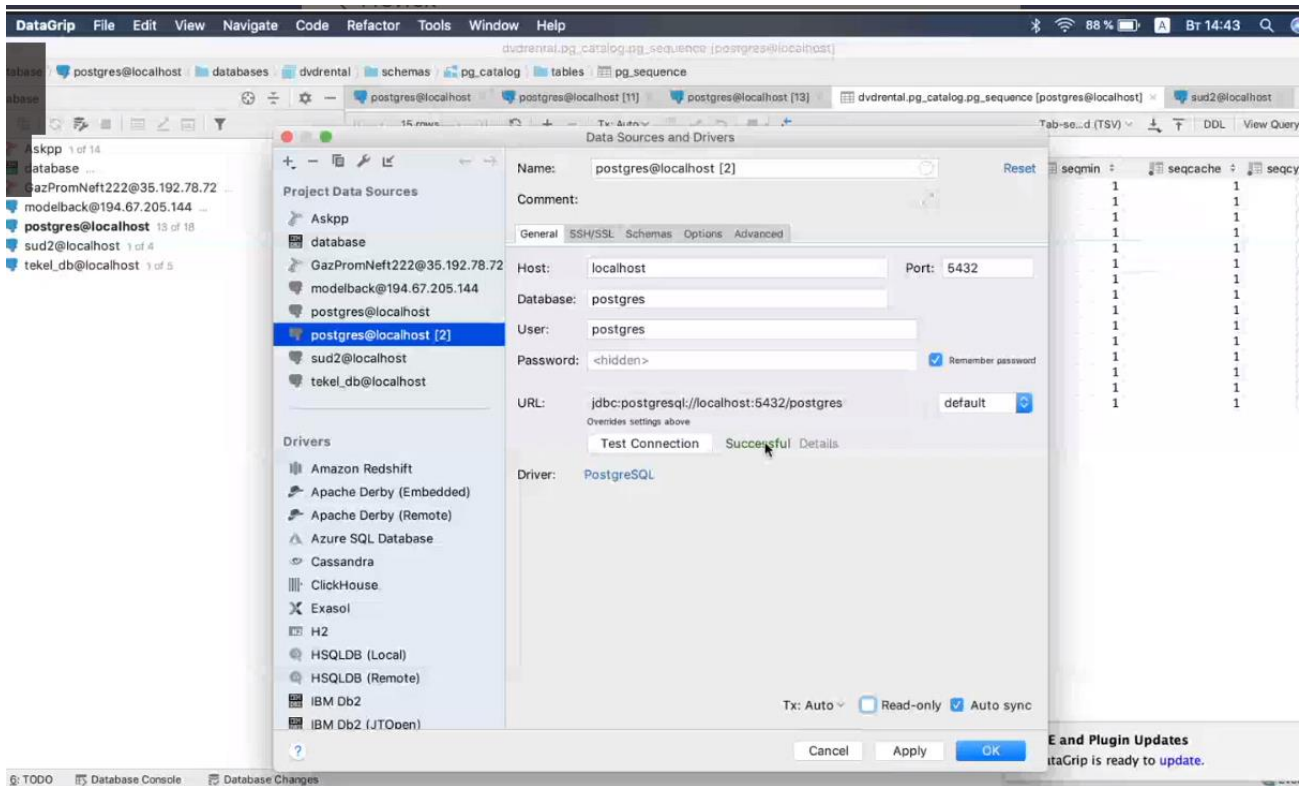
Name	PostgreSQL - postgres@localhost
Host	Localhost
Authentication	User & Password
User	postgres
Password	postgres
Database	postgres

Click the button “Test Connection”



There is info, that test connection is successful

In Mac OS fill the columns according picture and click the button “Test Connection”



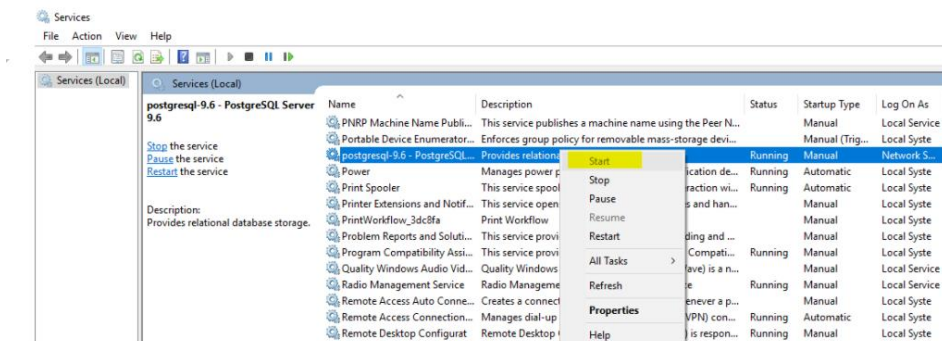
In the case of errors, please do the instructions according the following links:

For Windows operating systems:

<https://stackoverflow.com/questions/36629963/how-can-i-start-postgresql-on-windows>

from your computer execute:

Start – Services – find PostgreSQL - right clicking – chose Restart



in Linux operating system

<https://medium.com/@Iraj/installing-and-running-postgresql-on-manjaro-os-10210cdefbd6>

execute the command:

```
pg_ctl -D /var/lib/postgres/data start
```

check the server's work execute the command:

```
[postgres]$ pg_isready
```

```
/run/postgresql:5432 — accepting connections
```

Mac:

<https://www.robinwieruch.de/postgres-sql-macos-setup>

<https://www.codementor.io/@engineerapart/getting-started-with-postgresql-on-macosx-are8jcopb>

<https://www.mathworks.com/help/database/ug/postgresql-jdbc-for-macos.html>