

# Pengantar Basis Data

Instalasi MySQL & DBeaver

# Outline

- Cara download MySQL untuk Windows
- Cara instalasi MySQL pada Windows
- Cara download DBeaver untuk Windows
- Cara instalasi DBeaver pada Windows
- Cara menambahkan koneksi ke MySQL pada DBeaver

# 1. Download MySQL

Download: <https://dev.mysql.com/downloads/mysql/>

General Availability (GA) Releases Archives i

### MySQL Community Server 8.0.30

Select Operating System: Microsoft Windows Looking for previous GA VERSIONS?

Recommended Download:

**MySQL Installer** for Windows  
All MySQL Products. For All Windows Platforms. In One Package.

Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSI packages.

Windows (x86, 32 & 64-bit), MySQL Installer MSI Go to Download Page >

Other Downloads:

Windows (x86, 64-bit), ZIP Archive (mysql-8.0.30-winx64.zip)	8.0.30	215.9M	<b>Download</b>
	MD5: d17b3d4bab676a2c365b82f65c9a5374   <a href="#">Signature</a>		
Windows (x86, 64-bit), ZIP Archive Debug Binaries & Test Suite (mysql-8.0.30-winx64-debug-test.zip)	8.0.30	544.8M	<b>Download</b>
	MD5: dc2127acfc9637ab9822599ea5242952   <a href="#">Signature</a>		

1. Pilih OS yang sesuai

2. Pilih Installer MSI

**General Availability (GA) Releases**

**Archives**



## MySQL Installer 8.0.30

Select Operating System:

Microsoft Windows

Looking for previous GA  
versions?

**Windows (x86, 32-bit), MSI Installer**

(mysql-installer-web-community-8.0.30.0.msi)

8.0.30

5.5M

**Download**

**Online**

**Windows (x86, 32-bit), MSI Installer**

(mysql-installer-community-8.0.30.0.msi)

8.0.30

448.3M

**Download**

**Offline**



We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

**Login Now or Sign Up** for a free account.

An Oracle Web Account provides you with the following advantages:

- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

**Login »**

using my Oracle Web account

**Sign Up »**

for an Oracle Web account

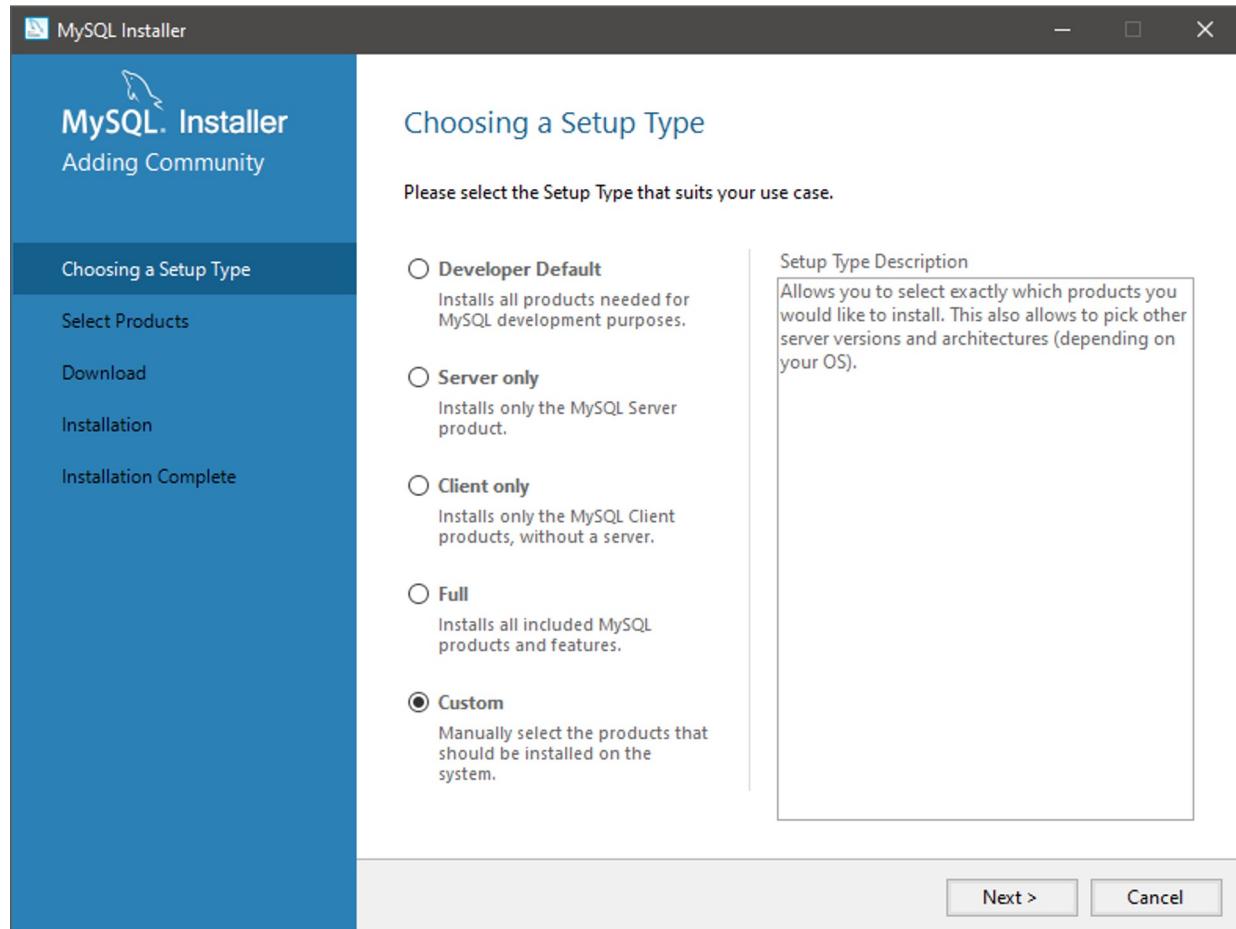
MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

No thanks, just start my download.

Klik untuk lewati

## 2. Instalasi MySQL

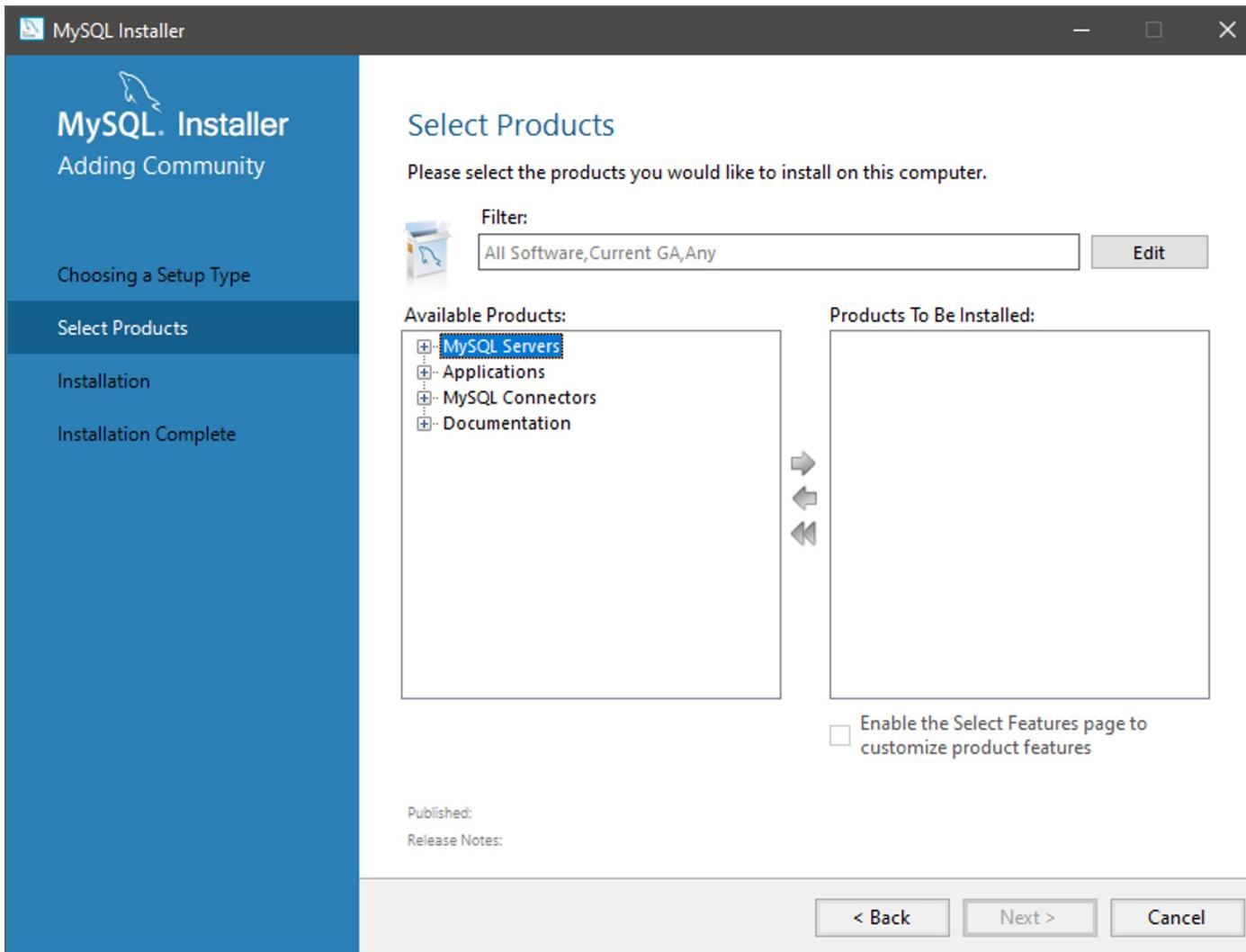
Buka file installer yang telah di-download.



**Developer Default** cocok untuk pengembangan program.

**Server Only** cukup untuk mengikuti pelatihan ini.

**Custom** dapat memilih aplikasi apa saja yang diinstal.



The image shows two side-by-side screenshots of the MySQL Installer interface, both titled "Select Products".

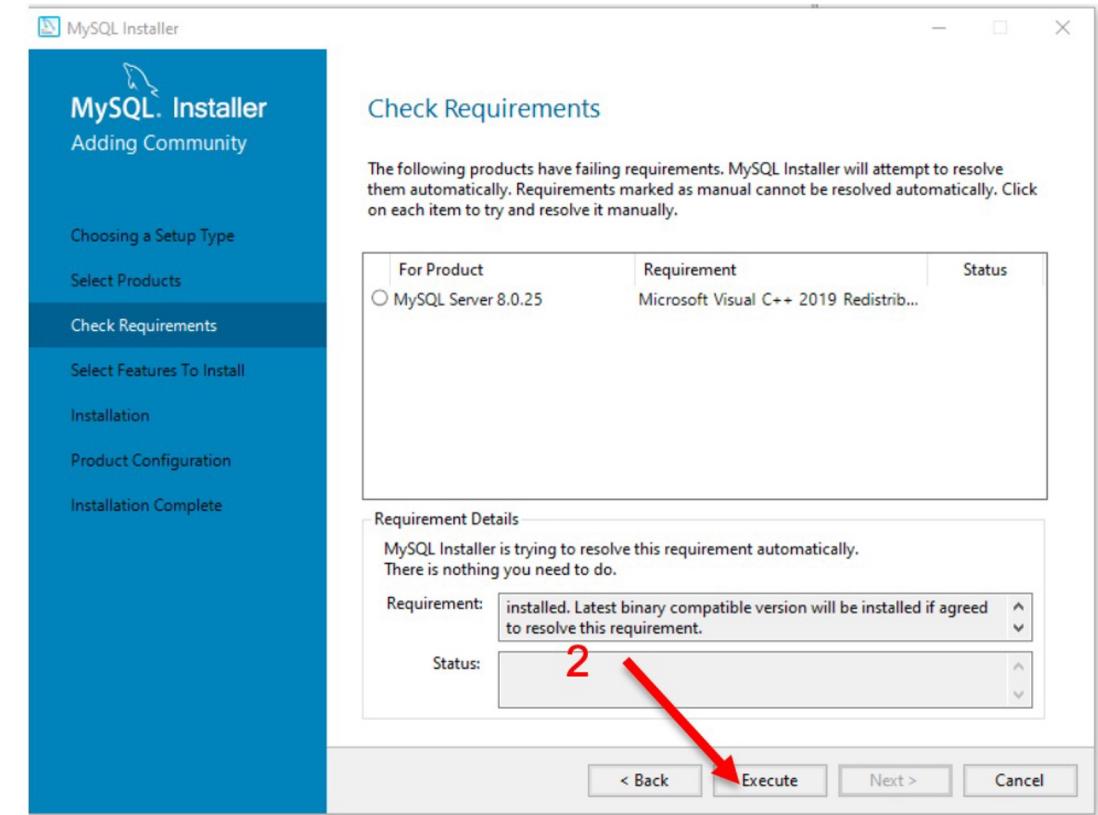
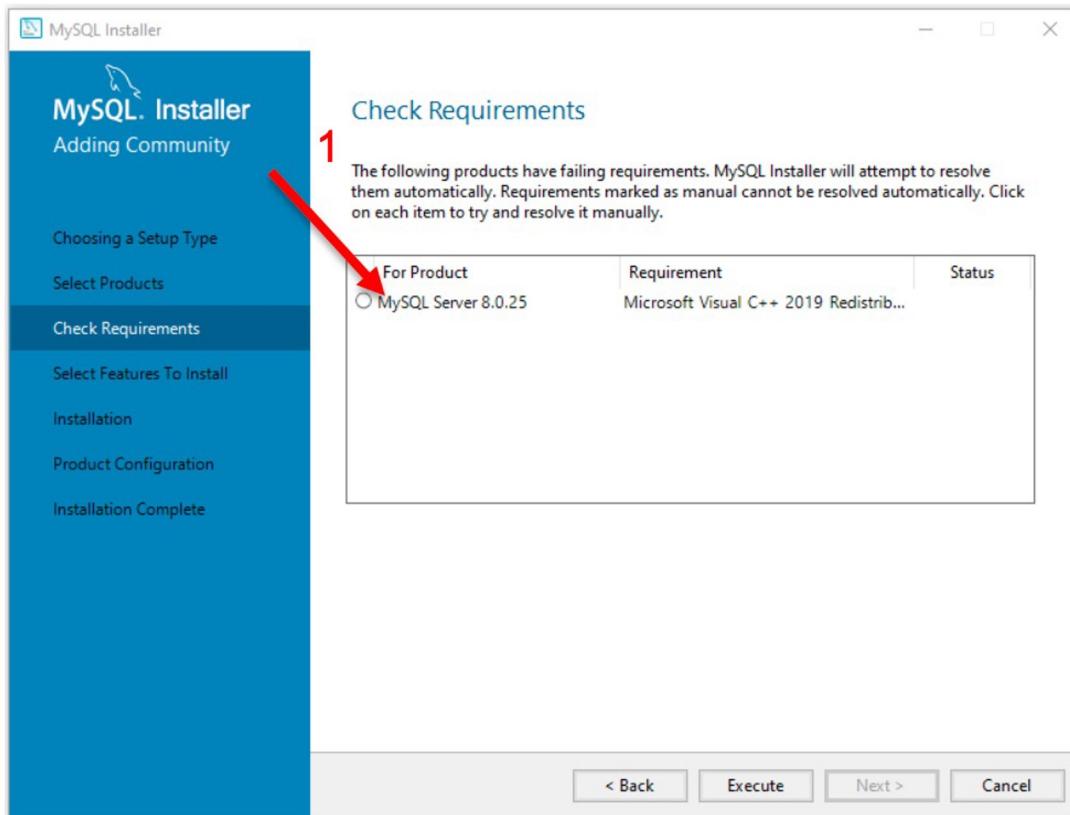
**Left Screenshot:**

- Available Products:** A tree view showing "MySQL Servers" expanded, with "MySQL Server" expanded further, showing "MySQL Server 8.0" expanded, and "MySQL Server 8.0.30 - X64" highlighted with a green border.
- Products To Be Installed:** A list containing "MySQL Server 8.0.30 - X64", indicated by a green arrow pointing from the available products list.
- Filter:** Set to "All Software, Current GA, Any".
- Buttons:** "Back" and "Next >".

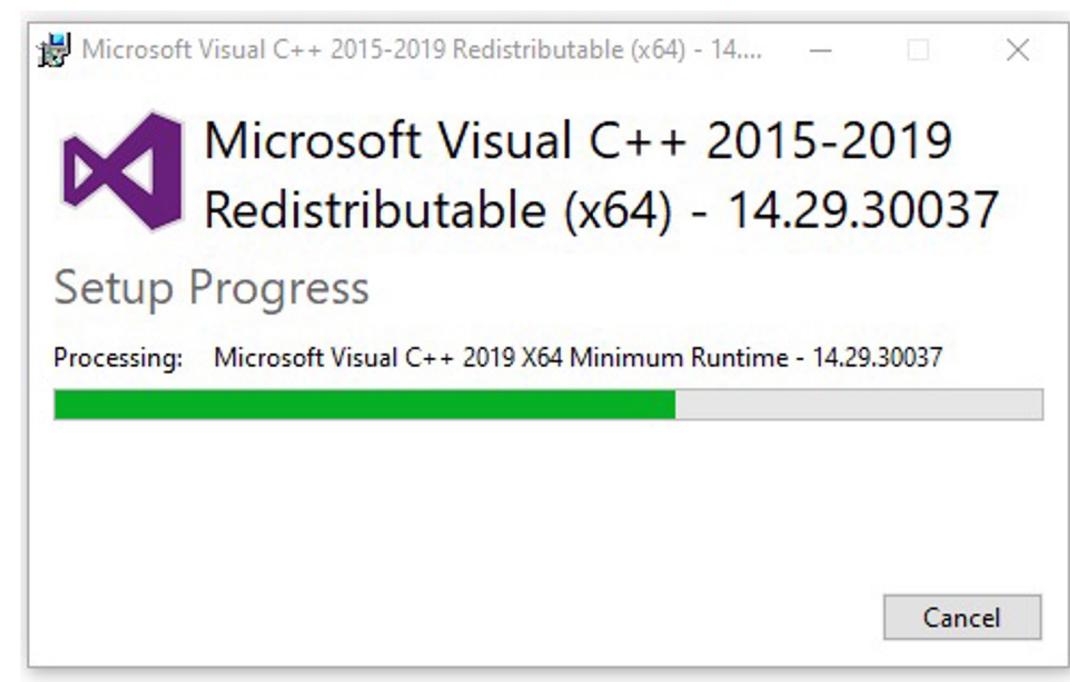
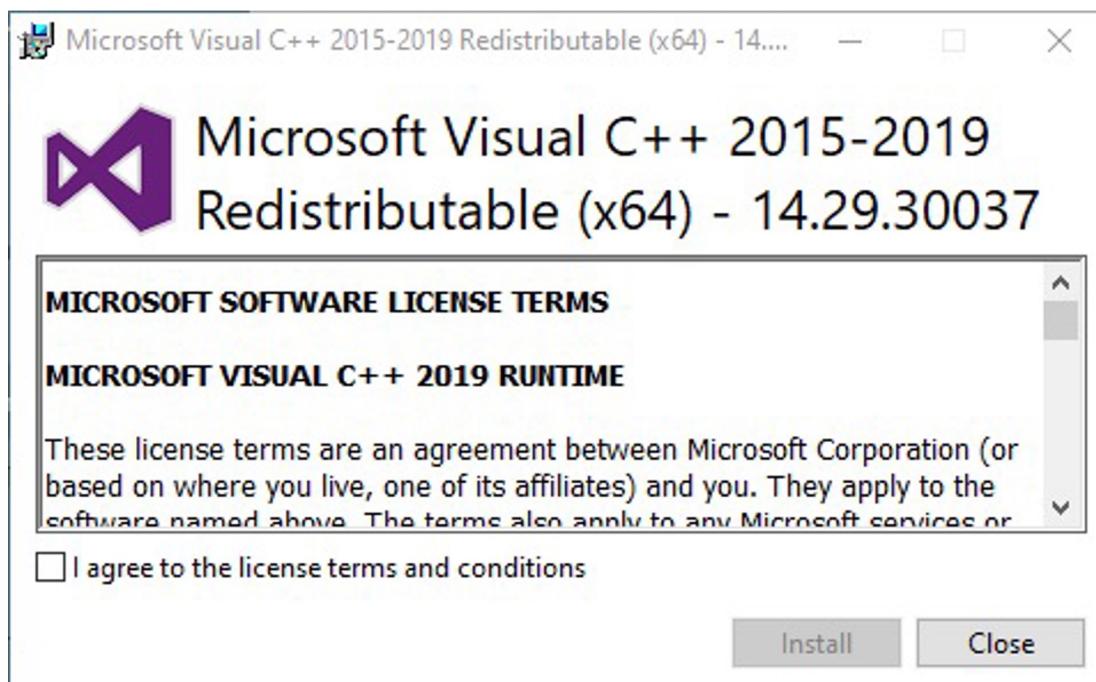
**Right Screenshot:**

- Available Products:** The same tree view as the left screenshot, with "MySQL Server 8.0.30 - X64" highlighted.
- Products To Be Installed:** A list containing "MySQL Server 8.0.30 - X64", indicated by a green arrow pointing from the available products list.
- Filter:** Set to "All Software, Current GA, Any".
- Checkboxes:** One checkbox is checked, with the label "Enable the Select Features page to customize product features".
- Buttons:** "Back", "Next > (highlighted with a green border)", and "Cancel".

Mungkin akan muncul halaman **Check Requirements**. Klik **Execute** untuk menginstal requirement.

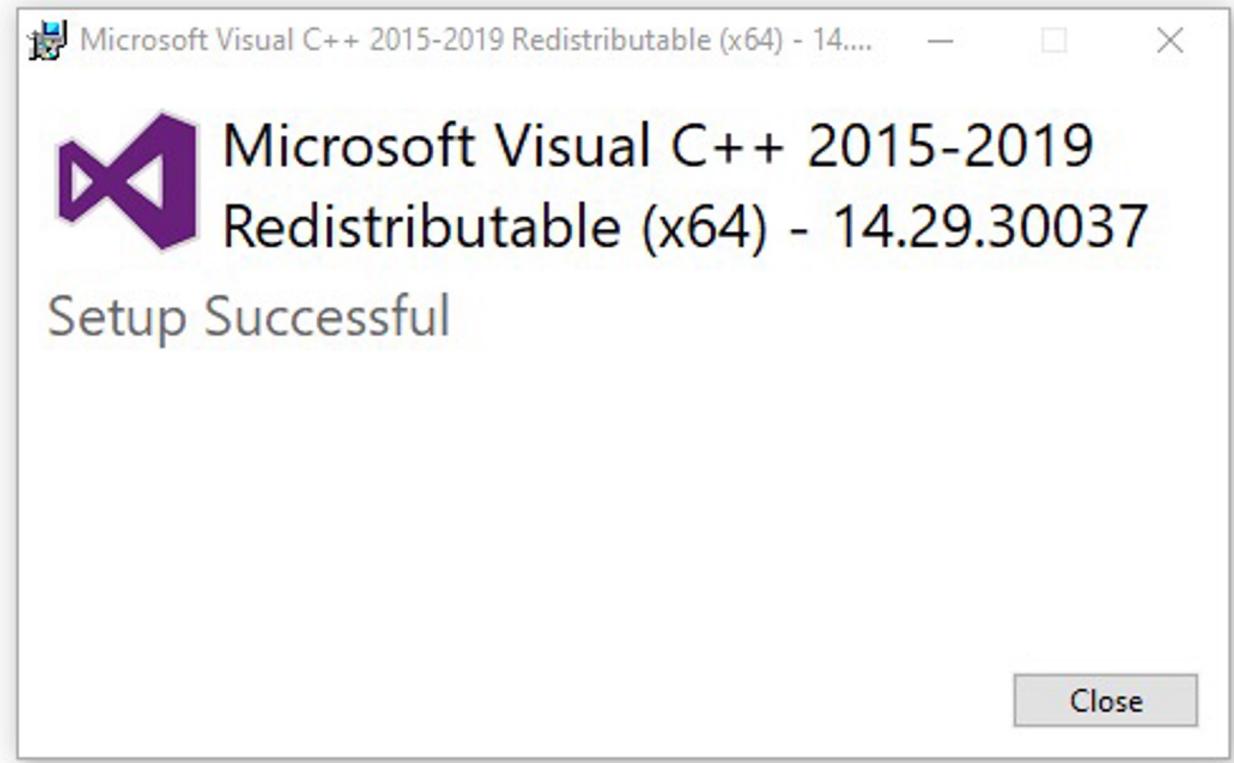


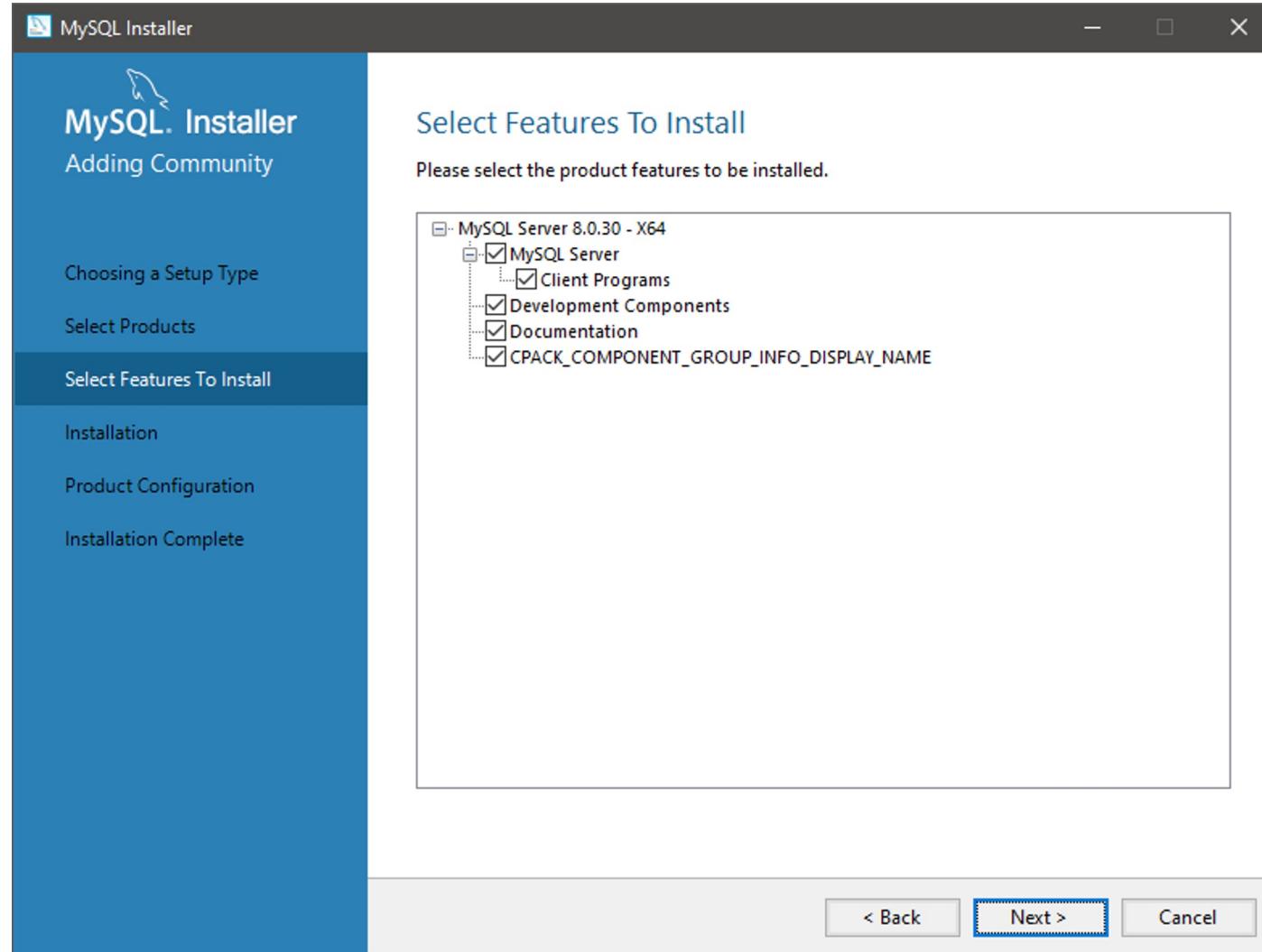
**Centang I agree to the license terms and conditions dan klik Install**



Bila berhasil jendela instalasi akan menampilkan tulisan “Setup Successful” dan jendela instalasi dapat ditutup.

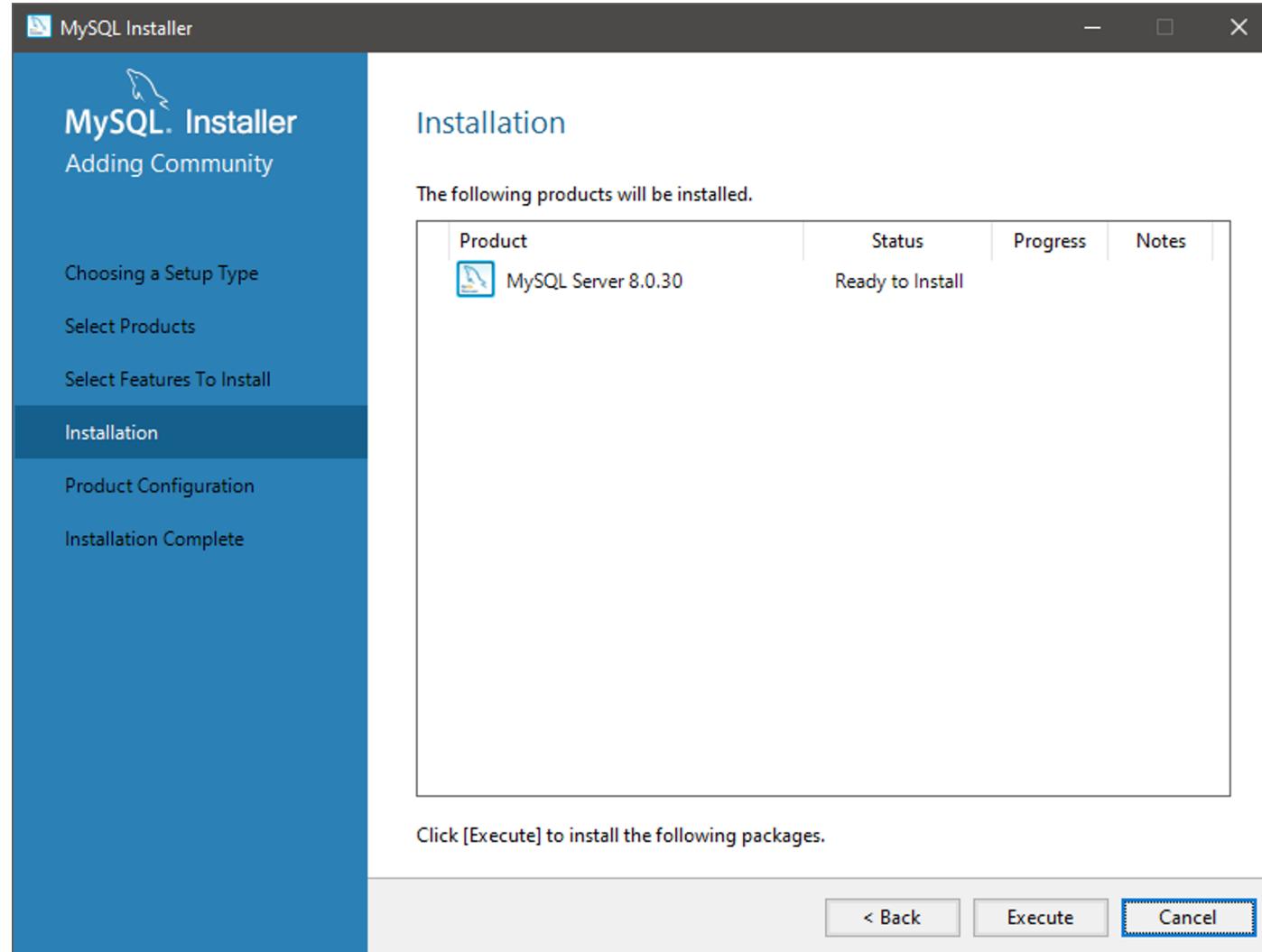
Buka kembali jendela MySQL Installer untuk melanjutkan proses instalasi MySQL Server





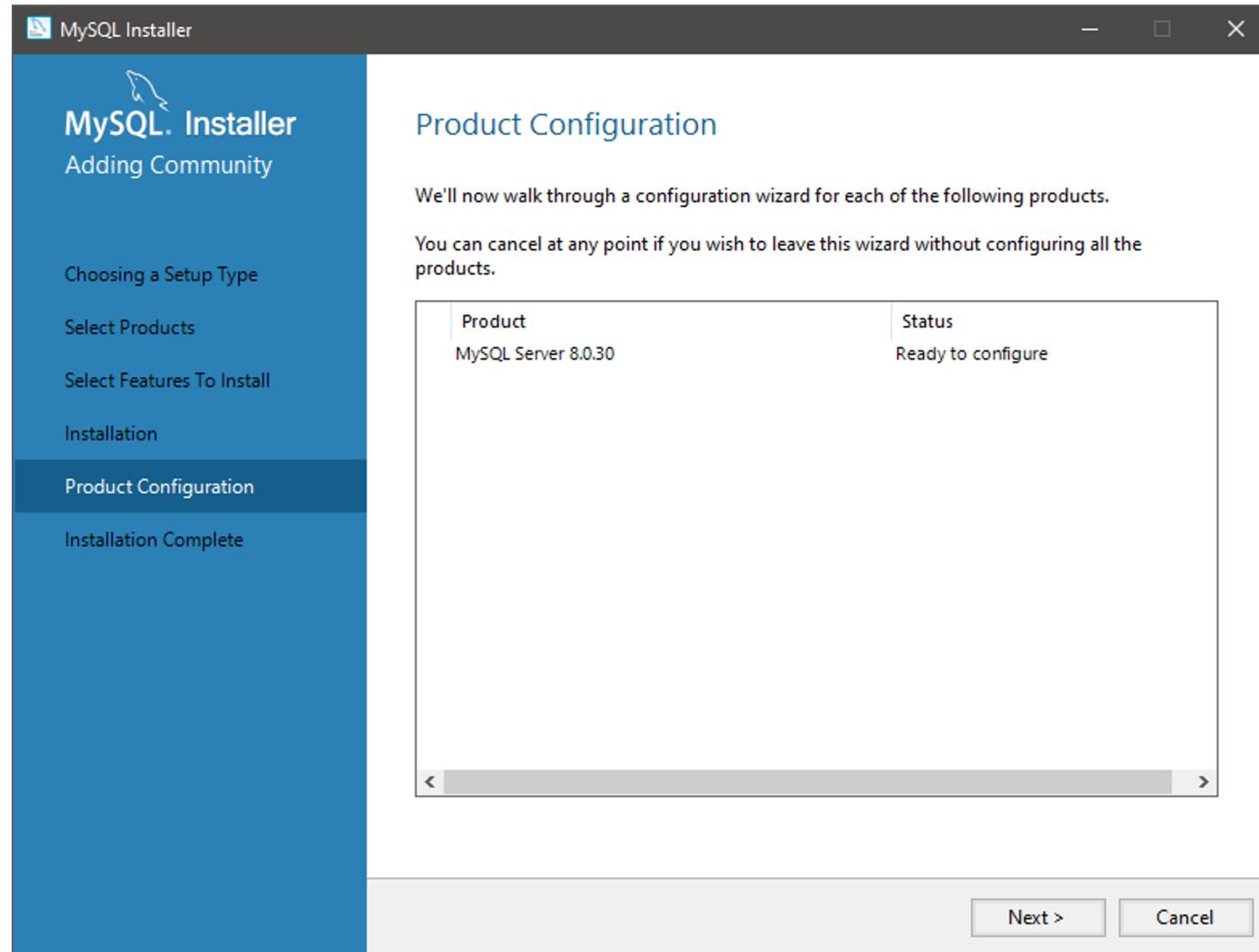
Pada halaman **Select Features To Install**, kita dapat memilih fitur apa saja yang ingin kita instal.

Klik **Next** untuk melanjutkan instalasi.

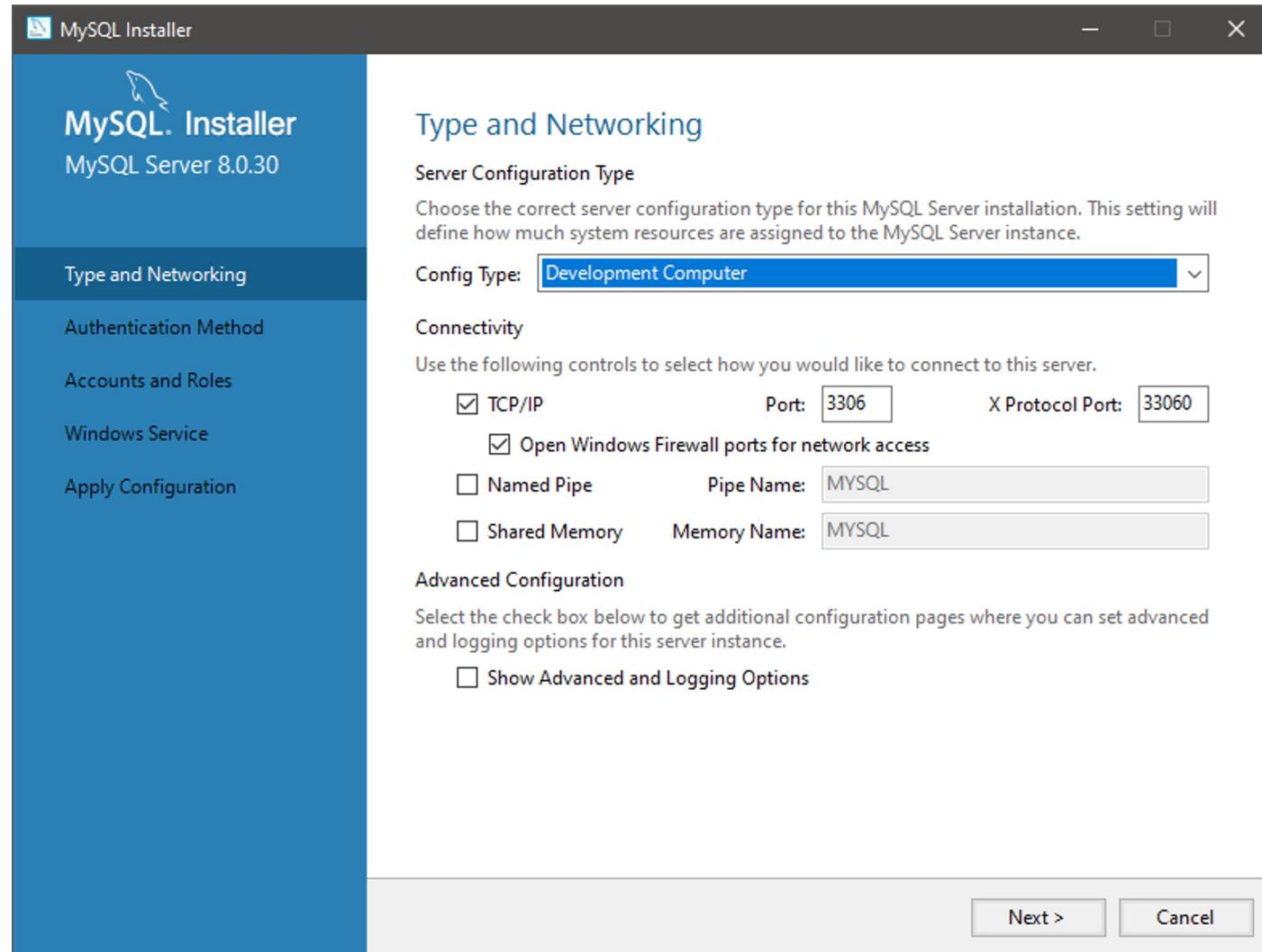


Klik **Execute** untuk memulai instalasi MySQL Server.

Bila instalasi telah selesai, klik **Next** untuk ke halaman selanjutnya.

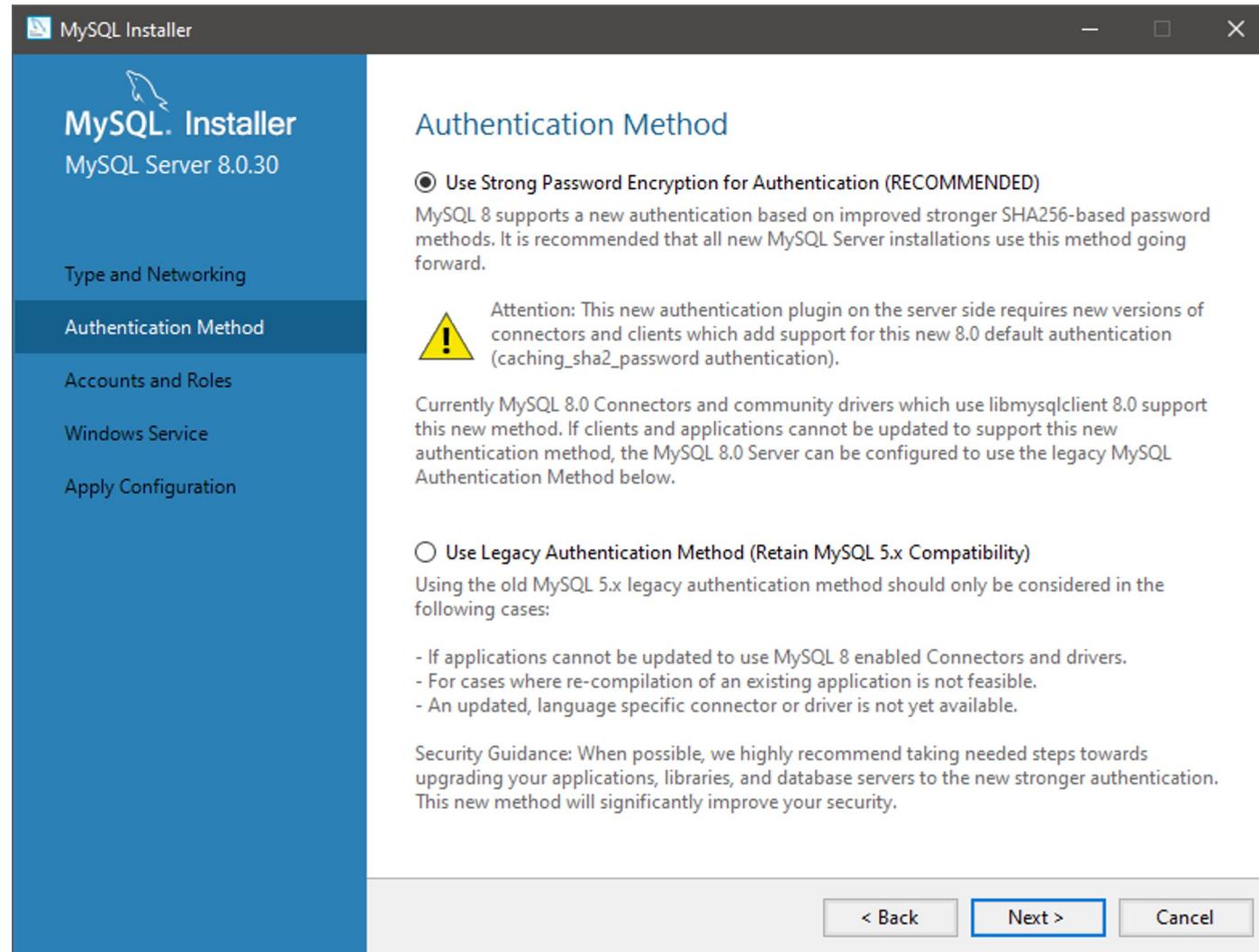


Klik **Next** untuk memulai memulai konfigurasi MySQL Server.



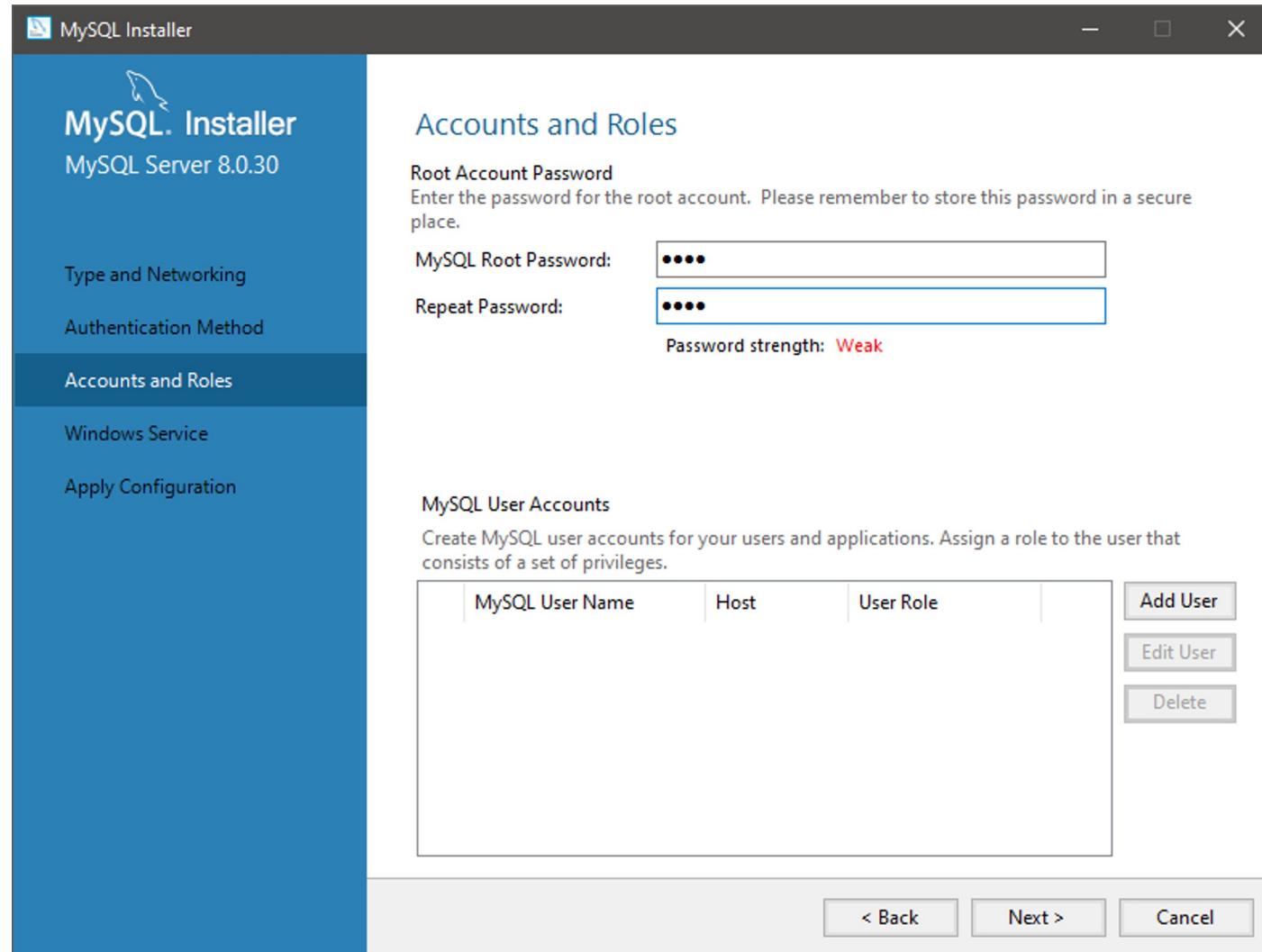
Pada halaman **Type and Networking**, pilih **Config Type Development Computer** dan biarkan pengaturan default.

Klik **Next** untuk melanjutkan konfigurasi.



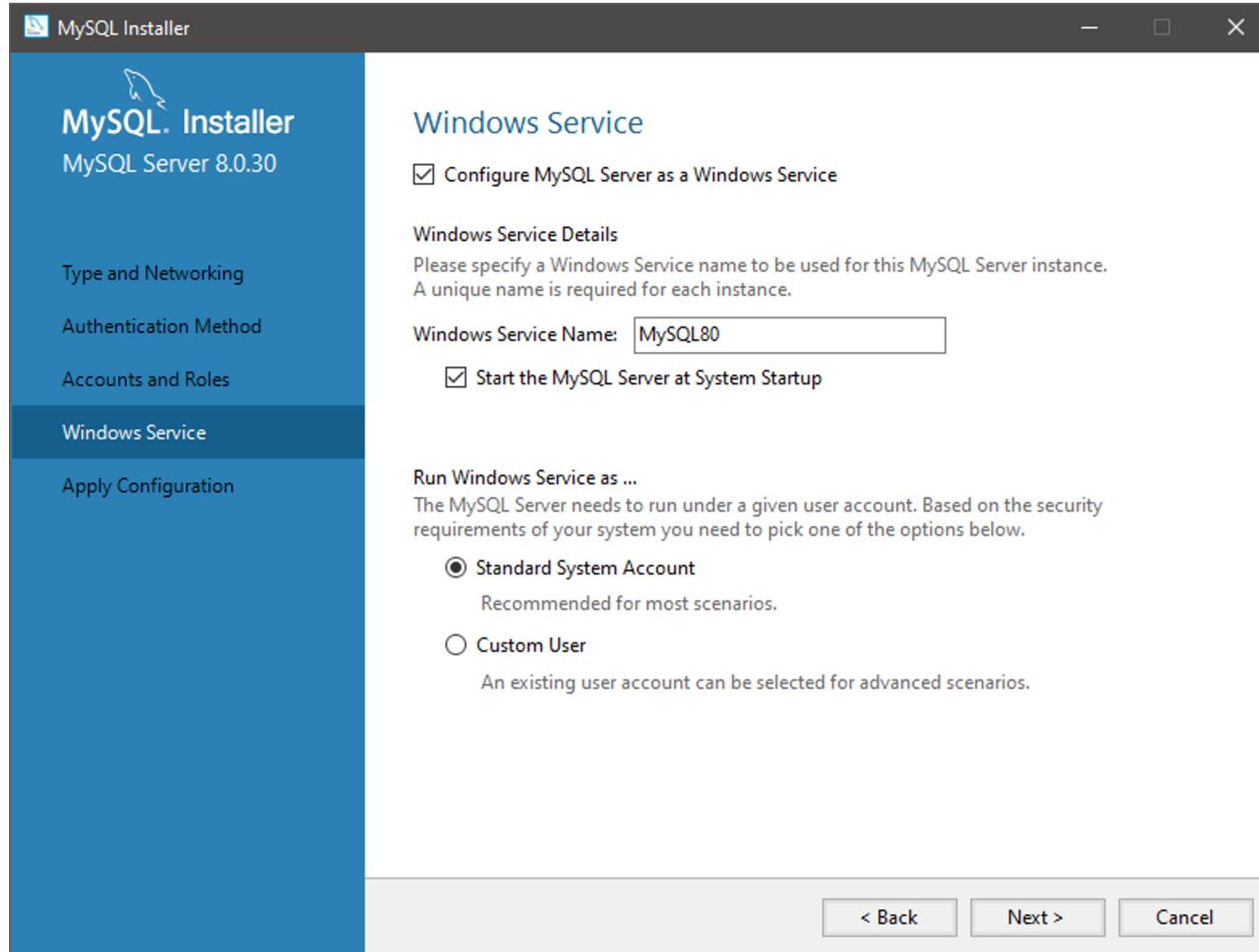
Pada halaman **Authentication Method**, pilih **Use Strong Password Encryption for Authentication**.

Klik **Next** untuk melanjutkan konfigurasi.



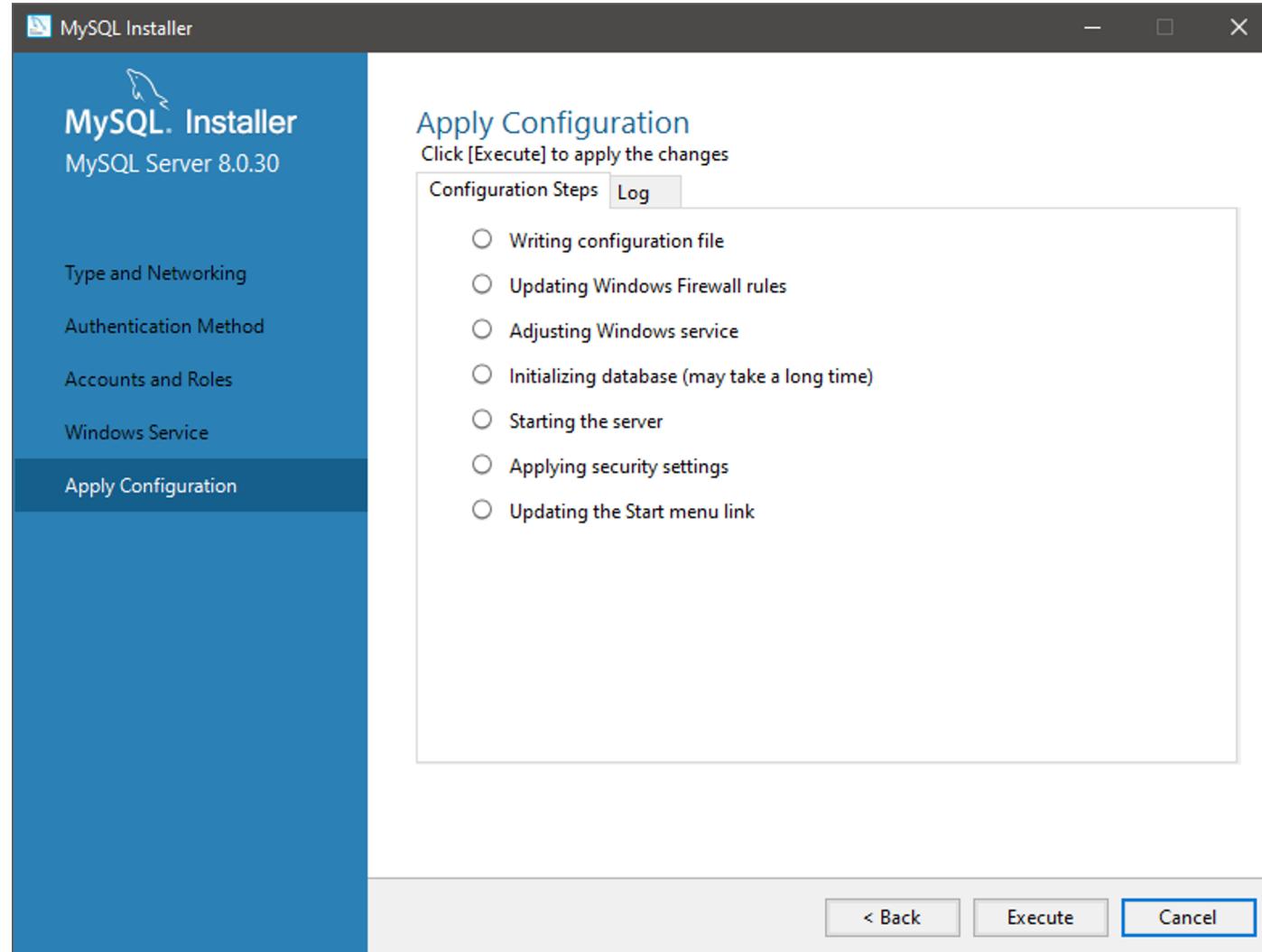
Pada halaman **Accounts and Roles**, masukkan password yang ingin digunakan untuk root account.

Klik **Next** untuk melanjutkan konfigurasi.



Pada halaman **Windows Service**, biarkan pengaturan default\*.

Klik **Next** untuk melanjutkan konfigurasi.



Pada halaman **Apply Configuration**, klik **Execute** untuk menerapkan konfigurasi yang telah diatur sebelumnya.

Klik **Finish** untuk menyelesaikan konfigurasi.

The image shows two screenshots of the MySQL Installer interface.

**Screenshot 1: Product Configuration**

This screenshot shows the "Product Configuration" step of the installer. The main area displays a table with one row:

Product	Status
MySQL Server 8.0.30	Configuration complete.

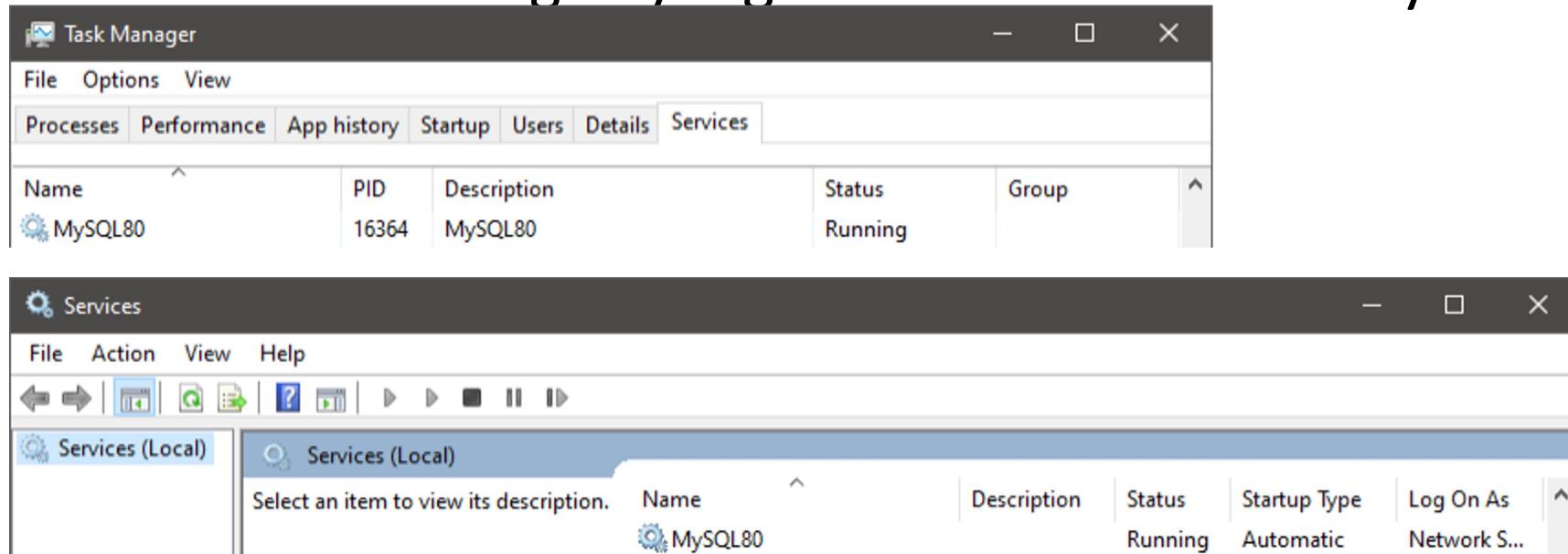
Below the table, there is descriptive text: "We'll now walk through a configuration wizard for each of the following products." and "You can cancel at any point if you wish to leave this wizard without configuring all the products." At the bottom of the window, there are "Next >" and "Cancel" buttons. The "Next >" button is highlighted with a yellow box.

**Screenshot 2: Installation Complete**

This screenshot shows the "Installation Complete" step of the installer. It displays the message: "The installation procedure has been completed." Below this message is a "Copy Log to Clipboard" button, which is also highlighted with a yellow box. At the bottom of the window, there is a "Finish" button, which is also highlighted with a yellow box.

# Periksa Instalasi

Bila instalasi MySQL sebagai service berhasil, MySQL akan muncul pada **Task Manager** dalam tab Services atau pada **services.msc** dengan nama service sesuai dengan yang telah diatur sebelumnya.



# Video Panduan Instalasi MySQL

<https://www.youtube.com/watch?v=N44Egv6Sf80>



# Panduan Instalasi untuk OS Lain

- macOS
  - <https://dev.mysql.com/doc/refman/8.0/en/macos-installation-pkg.html>
- Linux
  - <https://dev.mysql.com/doc/refman/8.0/en/linux-installation.html>
- OS lain yang didukung
  - <https://dev.mysql.com/doc/refman/8.0/en/installing.html>

# Alternatif Lain

- XAMPP
  - <https://www.apachefriends.org/download.html>
- Laragon
  - <https://laragon.org/download/>

Pastikan untuk upgrade MySQL ke versi 8.0

### 3. Download DBeaver

## DBeaver Community 22.1.5

Released on August 22th 2022 (Milestones).

It is free and open source ([license](#)).

Also you can get it from the [GitHub mirror](#).

### Windows

- [Windows \(installer\)](#)
- [Windows \(zip\)](#)
- Install from Microsoft Store
- Chocolatey (`choco installdbeaver`)

### Mac OS X

- [MacOS for Intel \(dmg\)](#)
- [MacOS for M1/Silicon \(dmg\)](#)
- Brew Cask (`brew install --caskdbeaver-community`)
- [MacPorts](#) (`sudo port installdbeaver-community`)

### Linux

- [Linux Debian package \(installer\)](#)
- [Linux RPM package \(installer\)](#)
- [Linux \(zip\)](#)
- [Linux \(zip without Java included\)](#)
- [Linux ARM \(zip without Java included\)](#)

## DBeaver PRO 22.1

Released on June 13th, 2022

PRO version web site: [dbeaver.com](#)

Trial version is available.

### Enterprise Edition features:

- Support of NoSQL databases:
  - MongoDB
  - Cassandra
  - InfluxDB
  - Redis
  - Amazon DynamoDB
  - Amazon DocumentDB
  - Amazon Keyspaces
  - Google Bigtable
  - Couchbase
  - CouchDB
  - Yugabyte
- Advanced extensions for:
  - EnterpriseDB
  - Informix
  - Netezza
  - Oracle
  - Redshift
  - Snowflake
  - SQL Server
  - SQLiteCrypt
  - Teradata

Download:

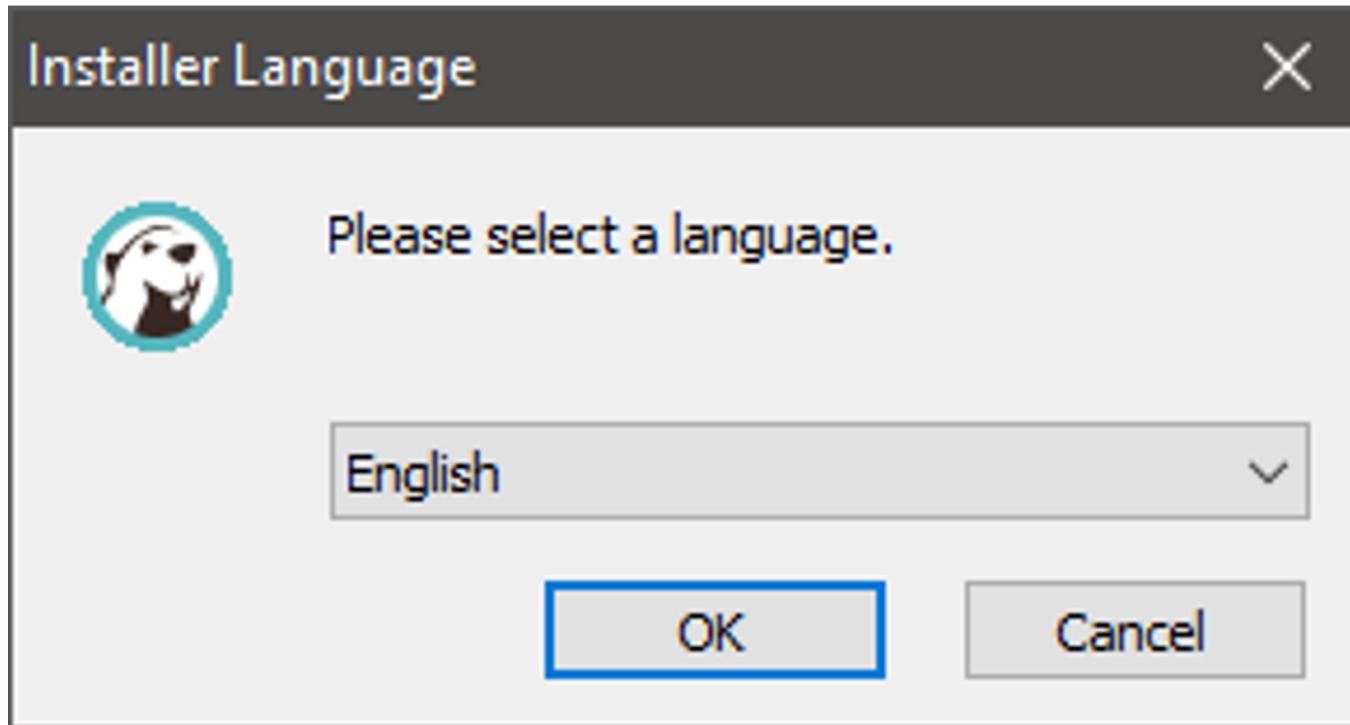
<https://dbeaver.io/download/>

Pilih Windows (installer) dan download akan segera dimulai

[Privacy](#)

# 4. Instalasi DBeaver

Buka file installer yang telah di-download.



Pilih bahasa untuk memandu instalasi.

DBeaver Community 22.1.5 (x86\_64) Setup

## Welcome to DBeaver Community Setup

Setup will guide you through the installation of DBeaver Community.

It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.

Click Next to continue.

**Next >**

DBeaver Community 22.1.5 (x86\_64) Setup

### License Agreement

Please review the license terms before installing DBeaver Community.

Press Page Down to see the rest of the agreement.

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

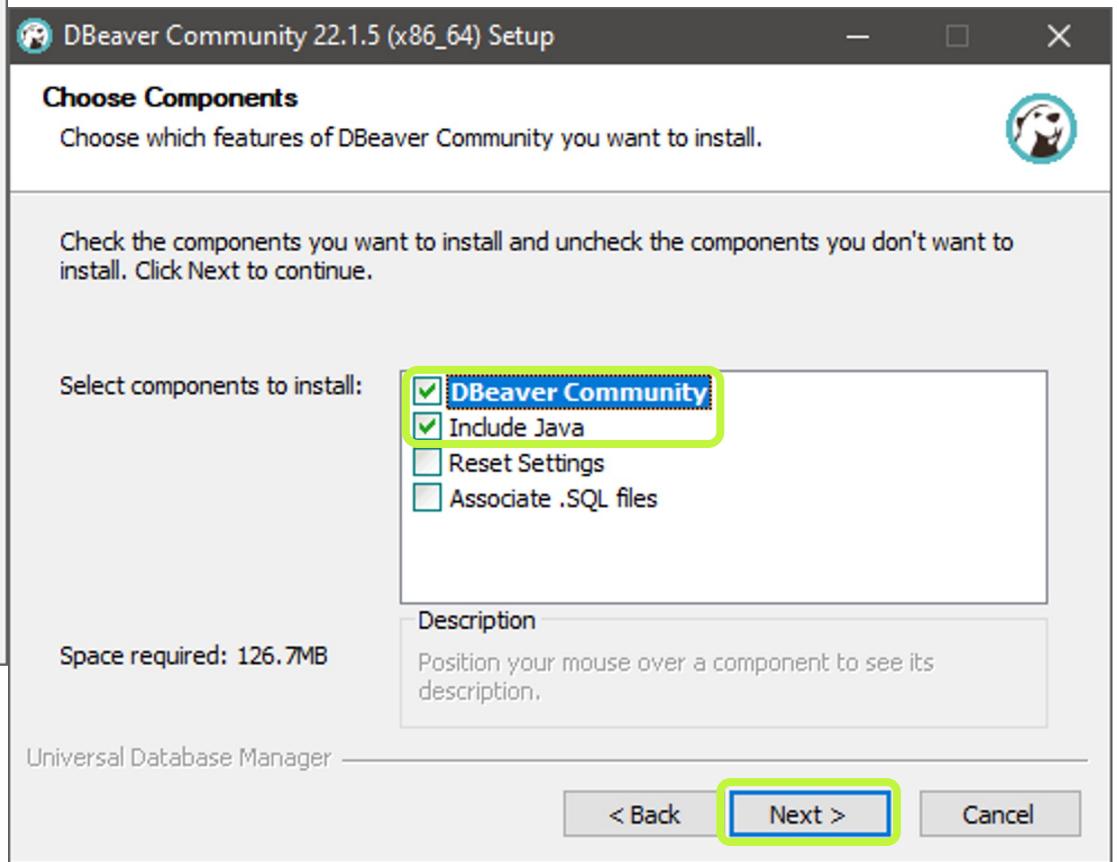
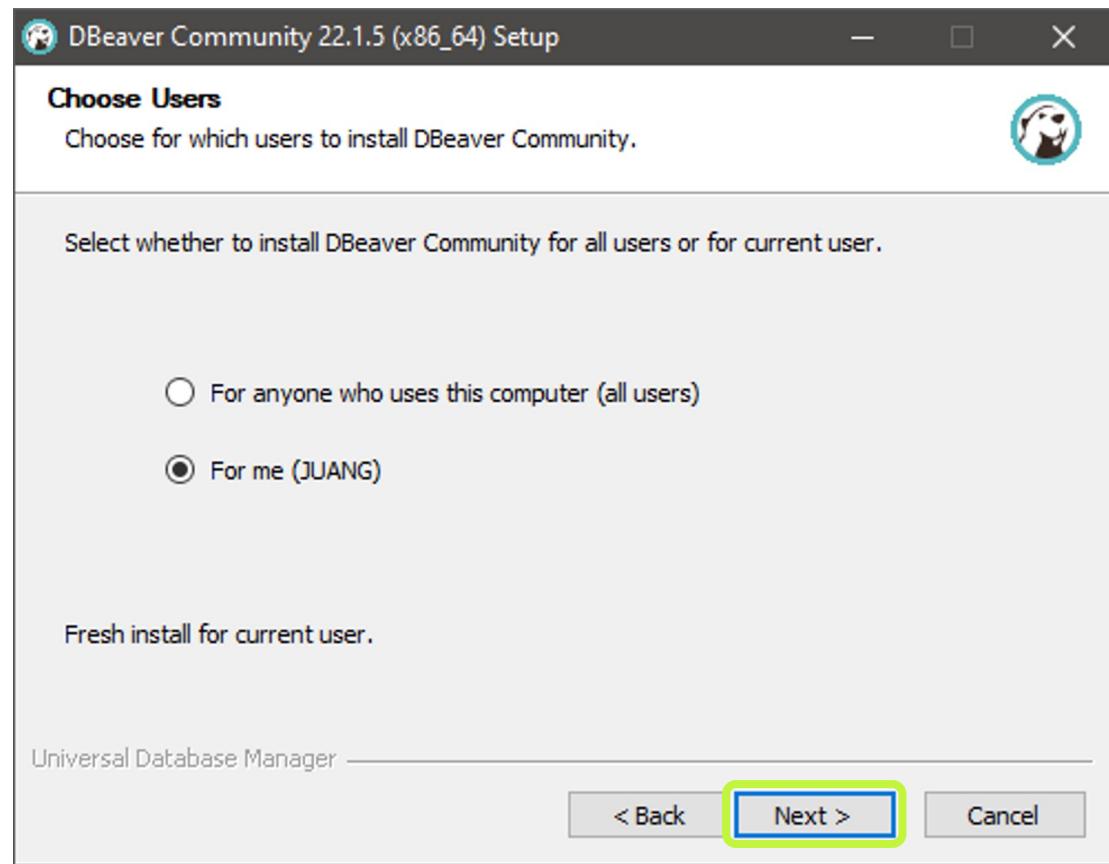
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

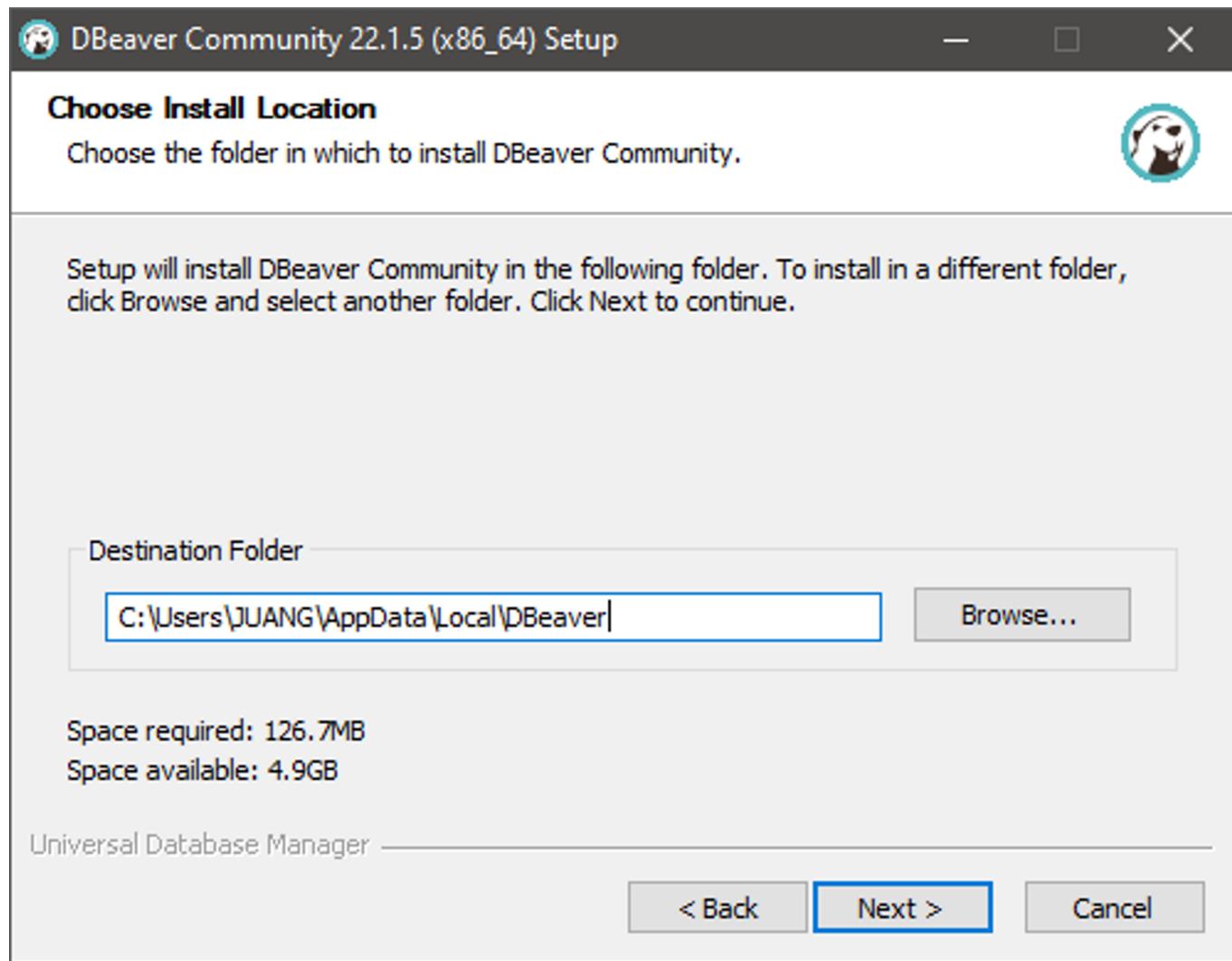
1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

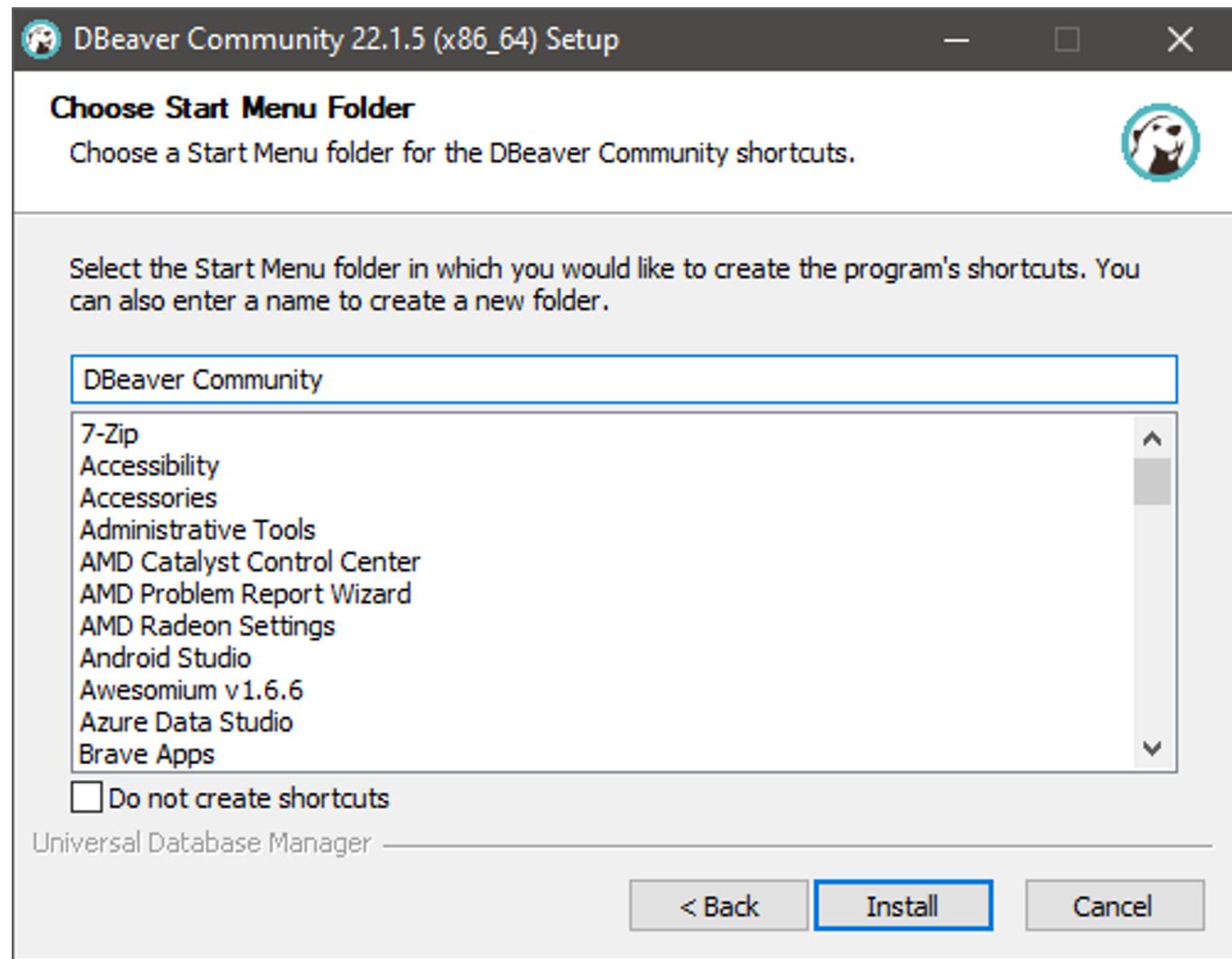
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install DBeaver Community.

**I Agree**



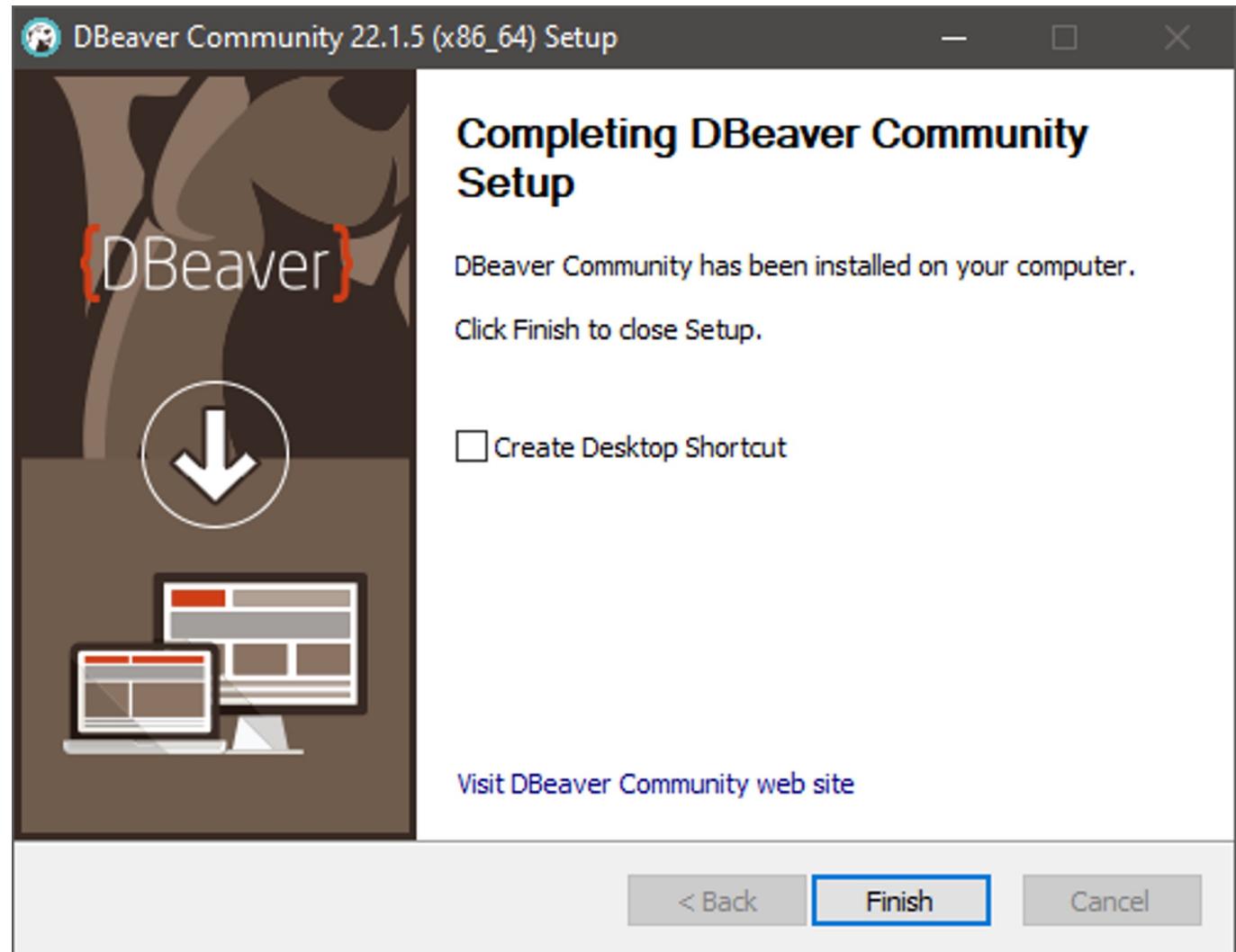


Pilih lokasi folder instalasi dan klik **Next**.



**Centang Do not create shortcuts** bila tidak ingin membuat shortcut pada menu Start untuk DBeaver.

**Klik Install** untuk memulai proses instalasi.



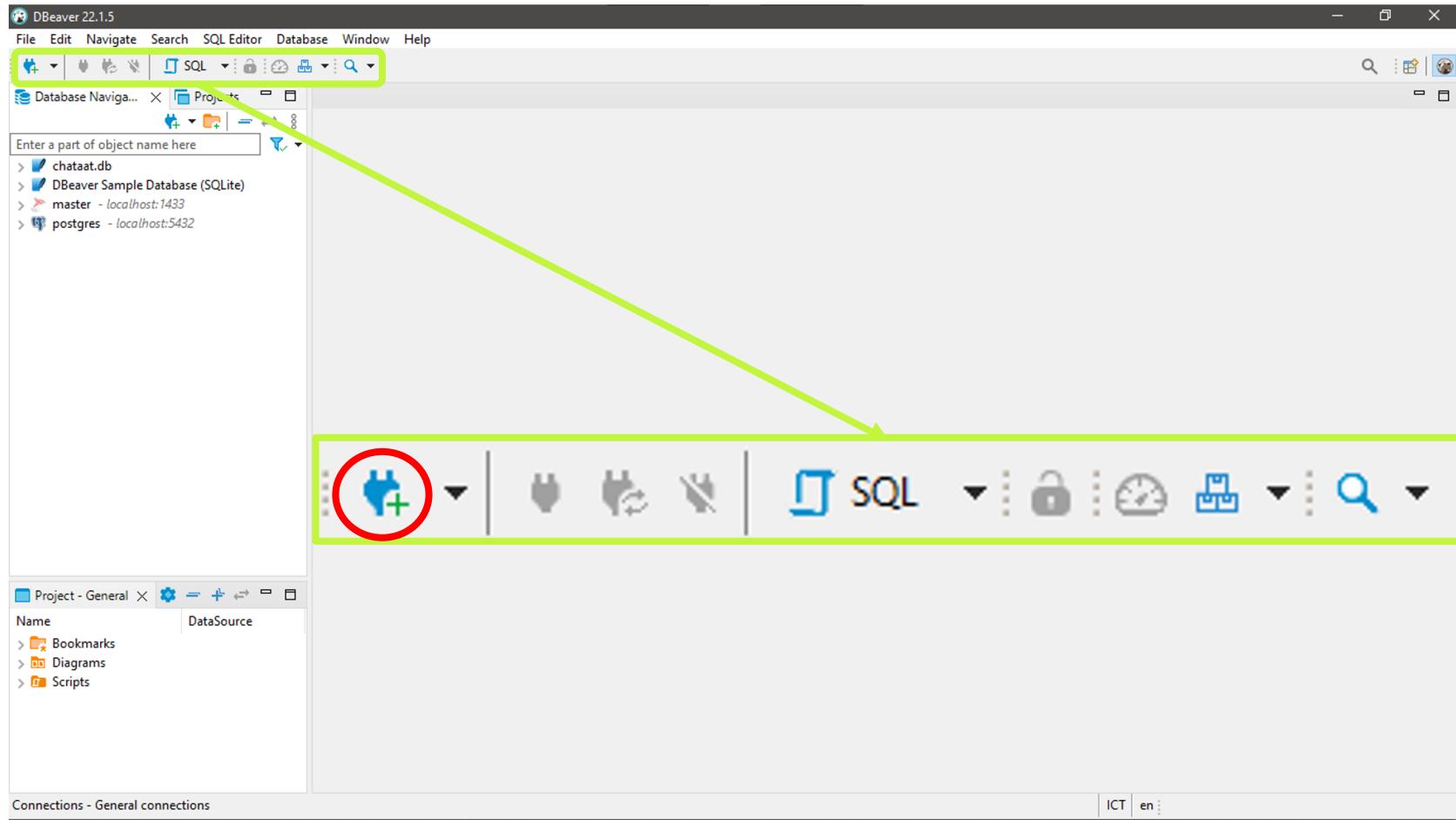
Setelah proses instalasi selesai, jendela instalasi akan menampilkan halaman seperti berikut.

Klik **Create Desktop Shortcut** bila ingin membuat shortcut pada desktop.

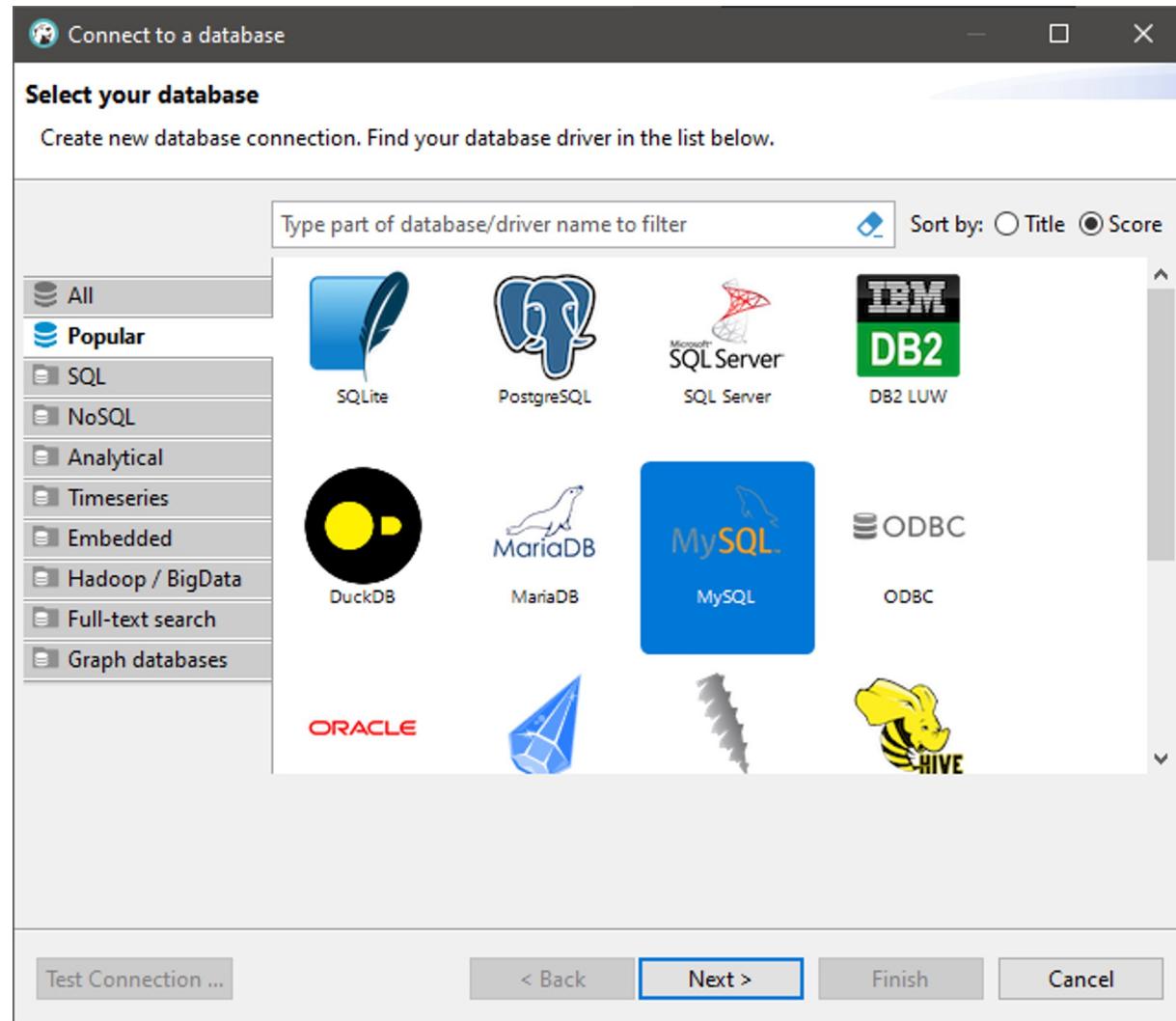
Klik **Finish** untuk menyelesaikan instalasi.

# 5. Menambahkan Koneksi ke MySQL pada DBeaver

# Buka DBeaver yang telah diinstall.

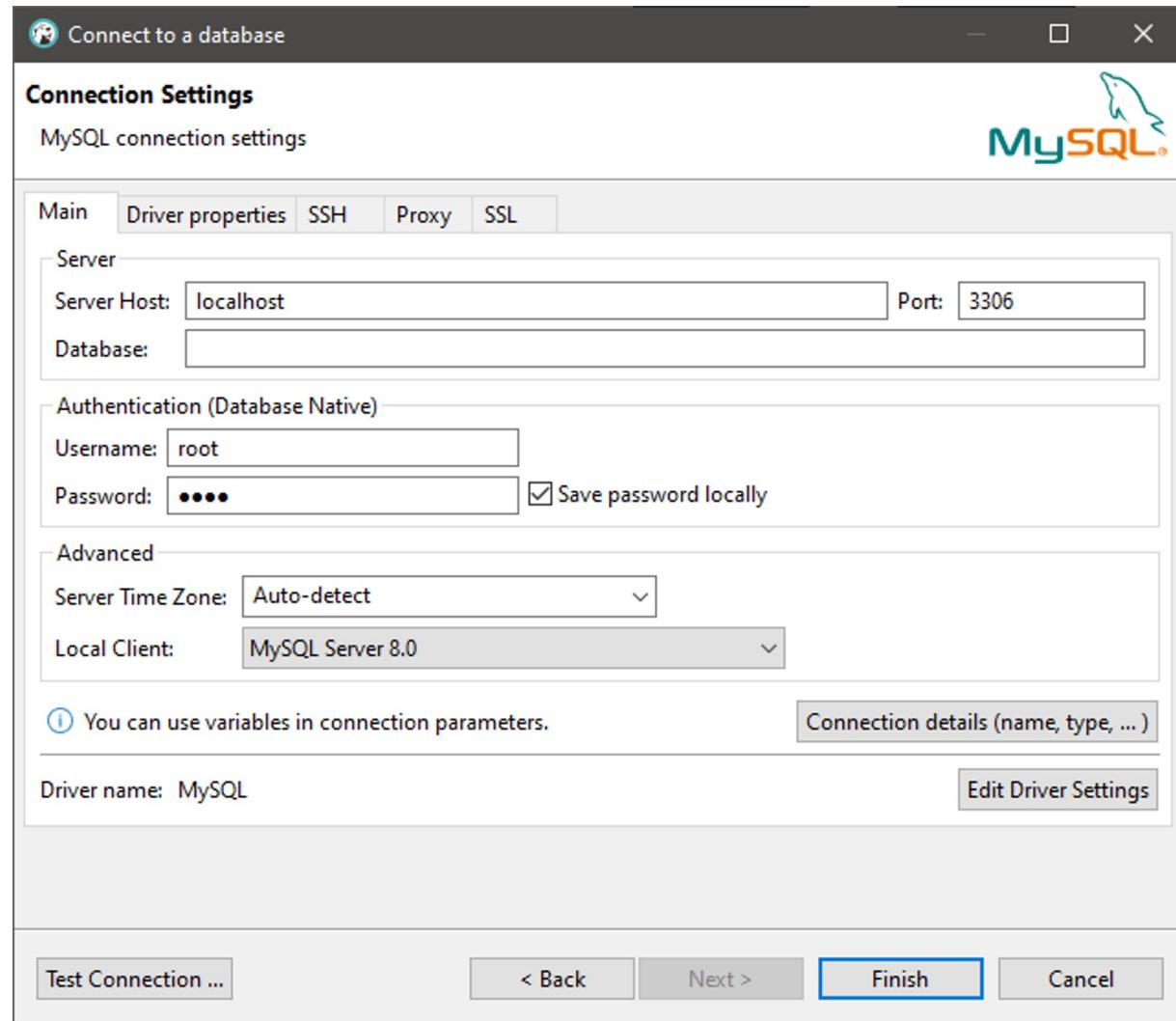


Pilih ikon steker  
pada toolbar.



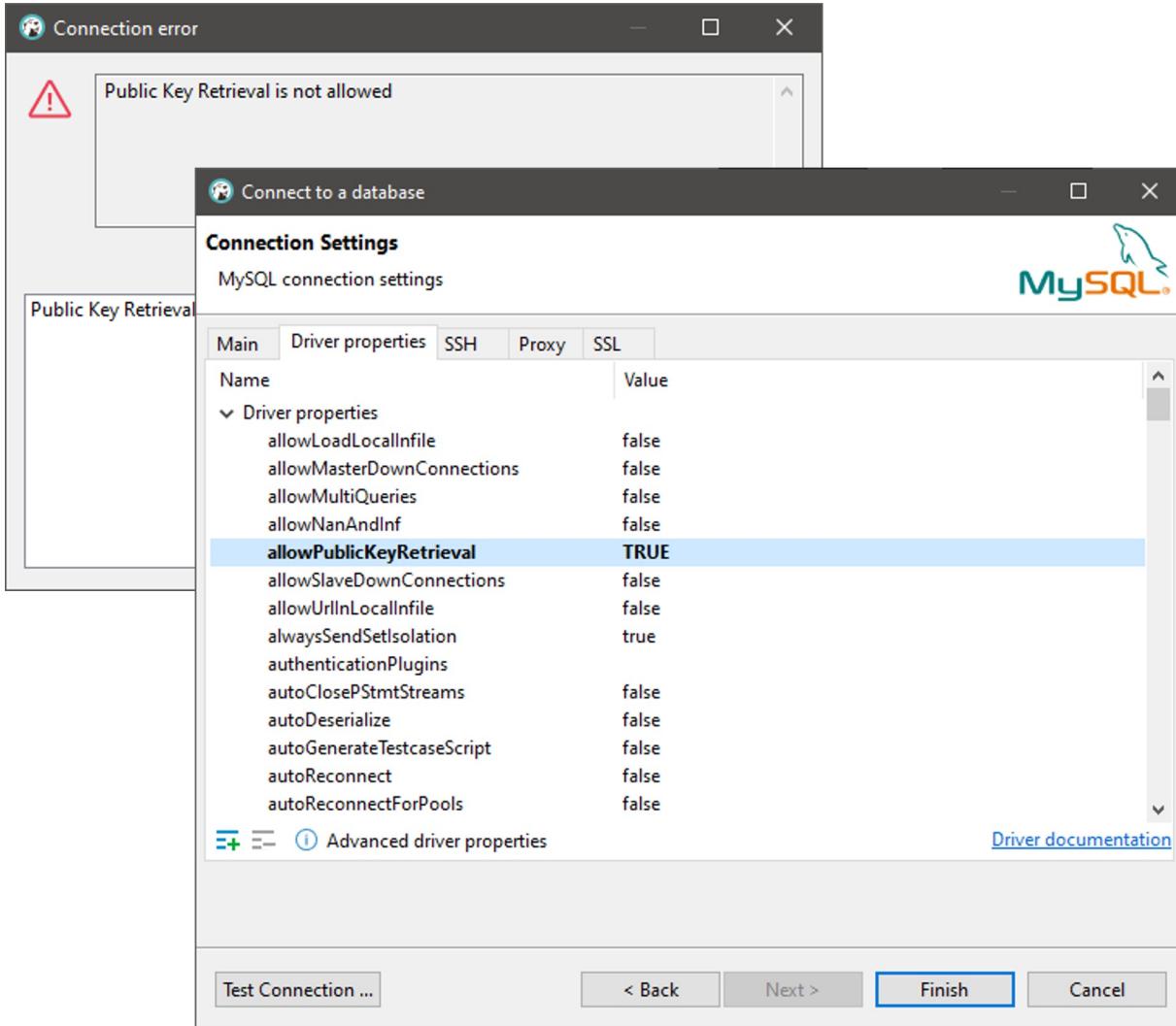
Jendela **Connect to a database** akan muncul.

Pilih **MySQL** dan klik **Next**.



**Masukkan Server Host (localhost), Port (3306), serta Username dan Password** dari salah satu akun yang ada, misal root account.

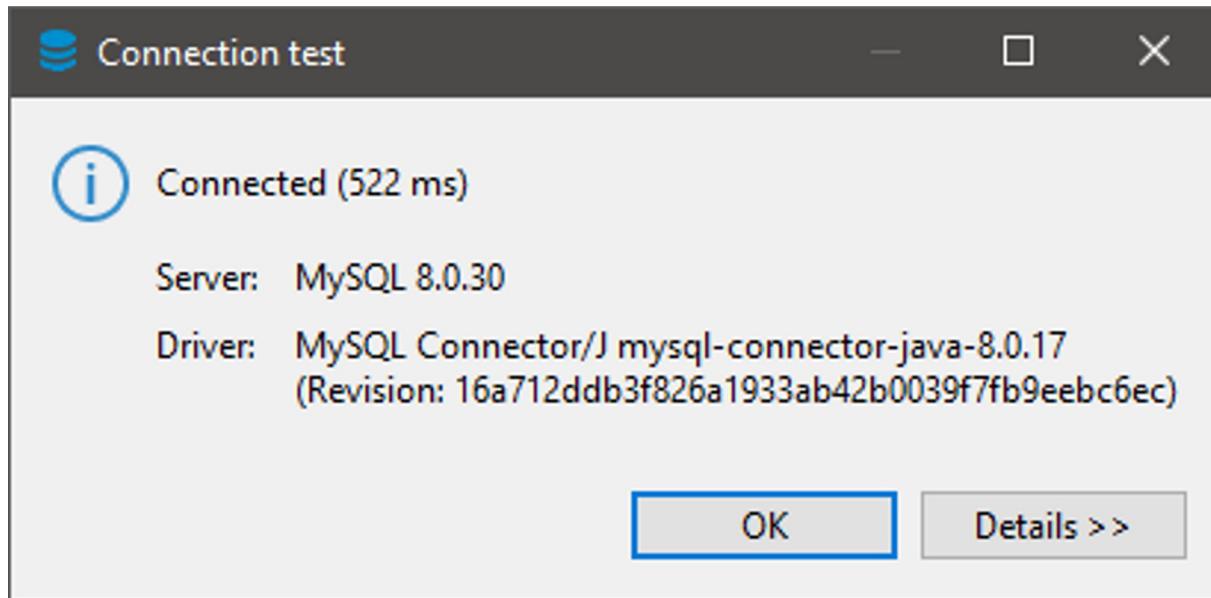
**Klik Test Connection ...** untuk memastikan koneksi berhasil.



Bila terjadi error seperti ini (*Public Key Retrieval is not allowed*), ubah **Driver Properties** sehingga **allowPublicKeyRetrieval** bernilai **true**.

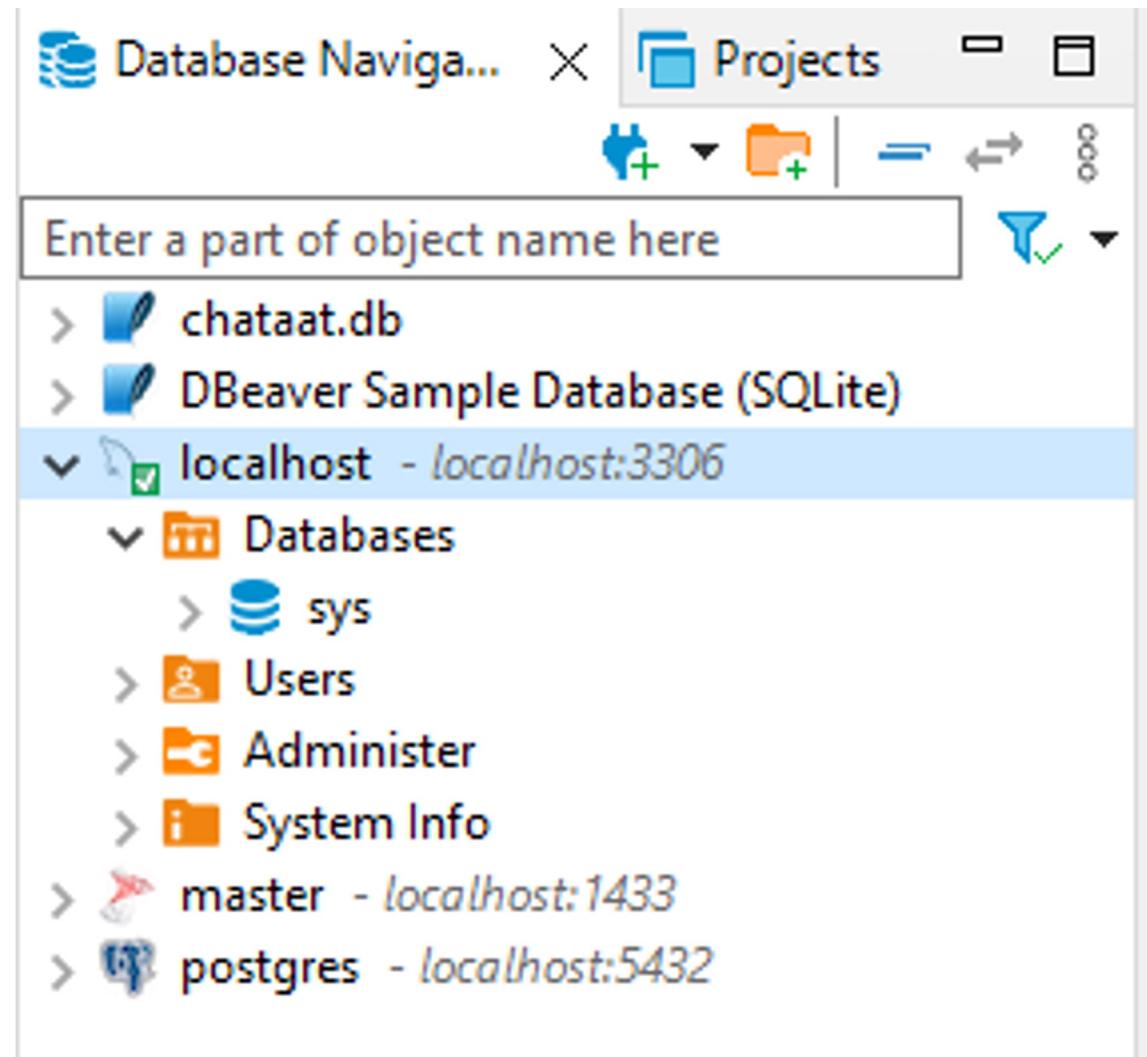
Klik **Test Connection ...** kembali untuk memastikan koneksi berhasil.

Bila koneksi berhasil, jendela berikut akan muncul.



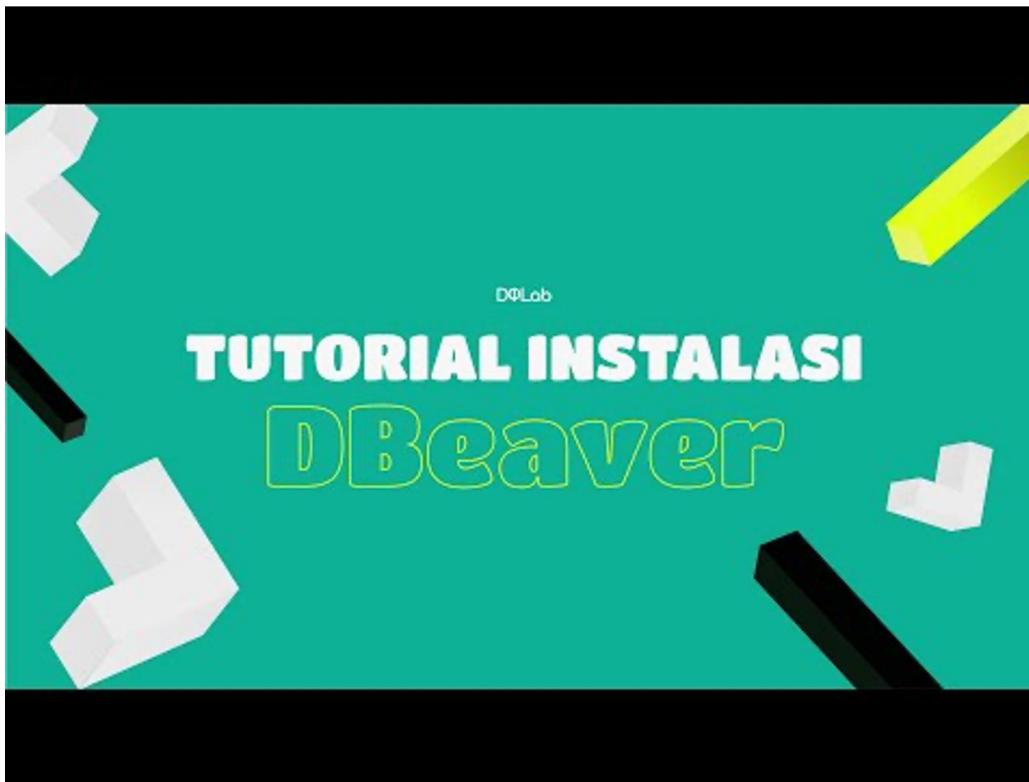
Klik **OK** dan **Finish** untuk menyelesaikan setup.

Koneksi ke MySQL akan muncul pada panel Database Navigator.



# Video Panduan Instalasi DBeaver

<https://www.youtube.com/watch?v=Qj055BLyAec>



# Panduan Instalasi DBeaver untuk OS Lain

<https://github.com/dbeaver/dbeaver/wiki/Installation>