



실습환경 설정

1. MariaDB 설치



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Latest releases: 11.8.1 RC, 11.7.2, 11.6.2, 11.4.5, 10.11.11, 10.6.21, 10.5.28



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MariaDB Server

Connector/C

Connector/J

Connector/ODBC

Connector/Python

Connector/Node.js

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MariaDB Server 11.8.1 Release Candidate is now available

We encourage you to try it out and see whether it will work in your application. You can offer feedback in the form of [bug reports](#), feature requests on JIRA and share use cases on [Zulip](#) or the [mailing lists](#). Any will help improve future MariaDB Server versions!

MariaDB Server

MariaDB Server Repositories

Connectors

MariaDB Server Version

MariaDB Server 11.4.5

Display older releases: ☐

See the MariaDB 11.4.5 Release Notes and Changes and Improvements in MariaDB 11.4.

Operating System

Windows

Architecture

x86_64

Package Type

MSI Package

Download

Mirror

Blendbyte - Taipei

Thank you, your download will begin shortly. If it fails to start, click [here](#) to download directly.

If the mirror is down or returns 'file not found', click [here](#) to try a different mirror or return to the downloads page and select a new mirror.

You will be redirected to the MariaDB Knowledge Base once your download has started.

Release date: 2025-02-05

File name: mariadb-11.4.5-winx64.msi

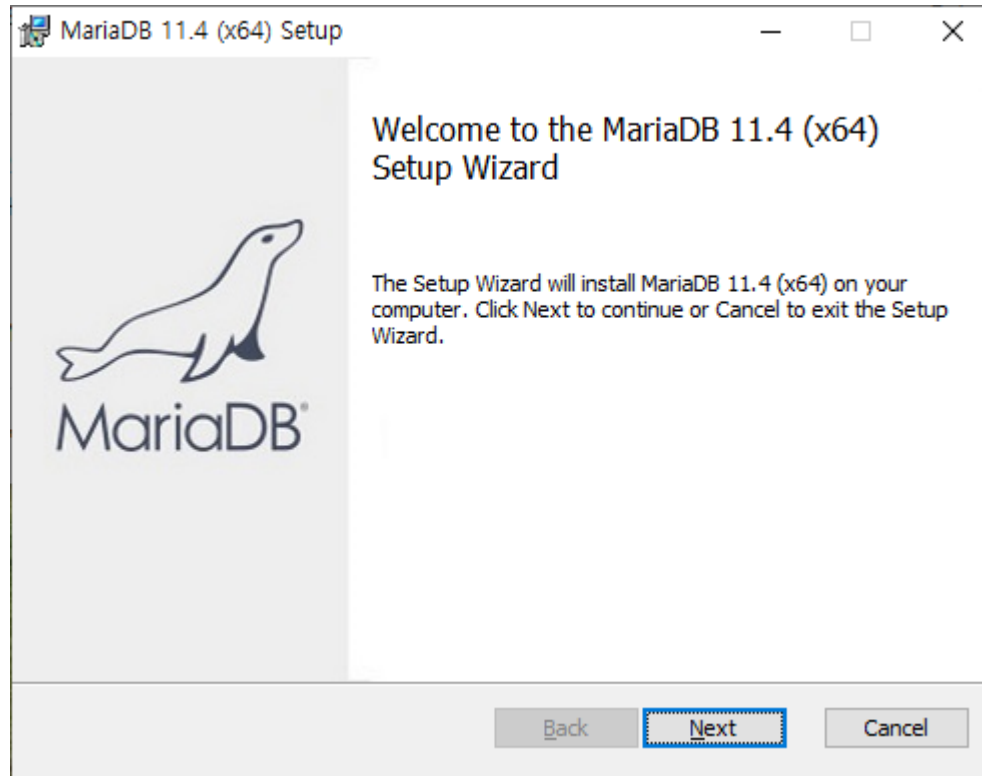
File size: 74.5 MB

• Download galera-26.4.21/

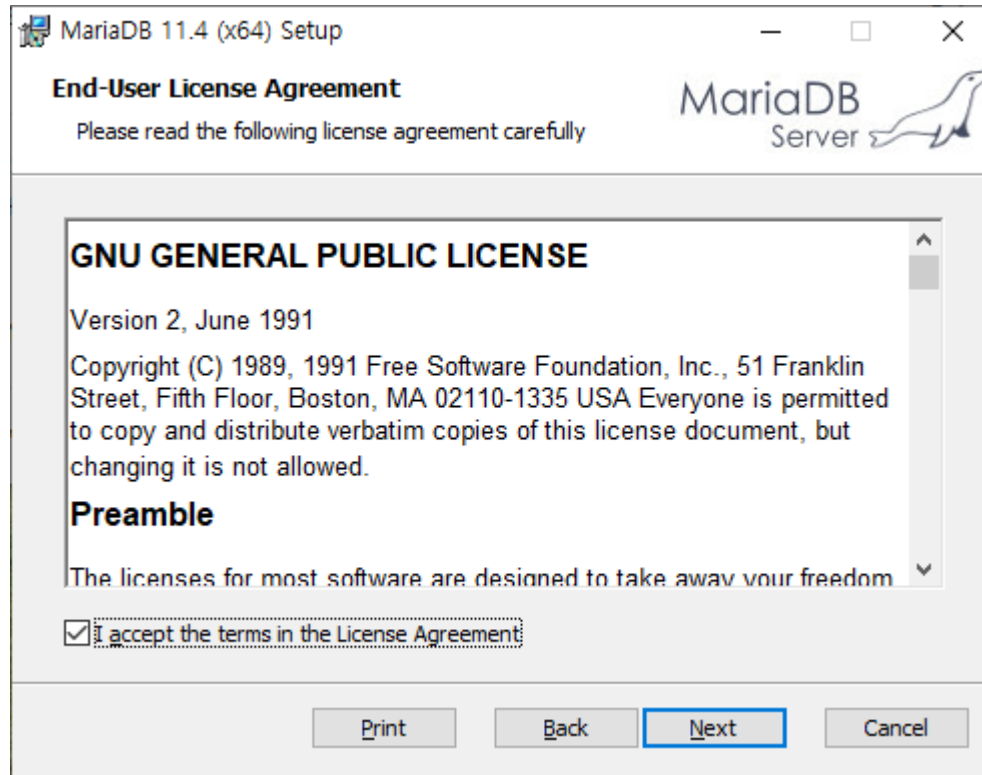
Display signature and checksums

2

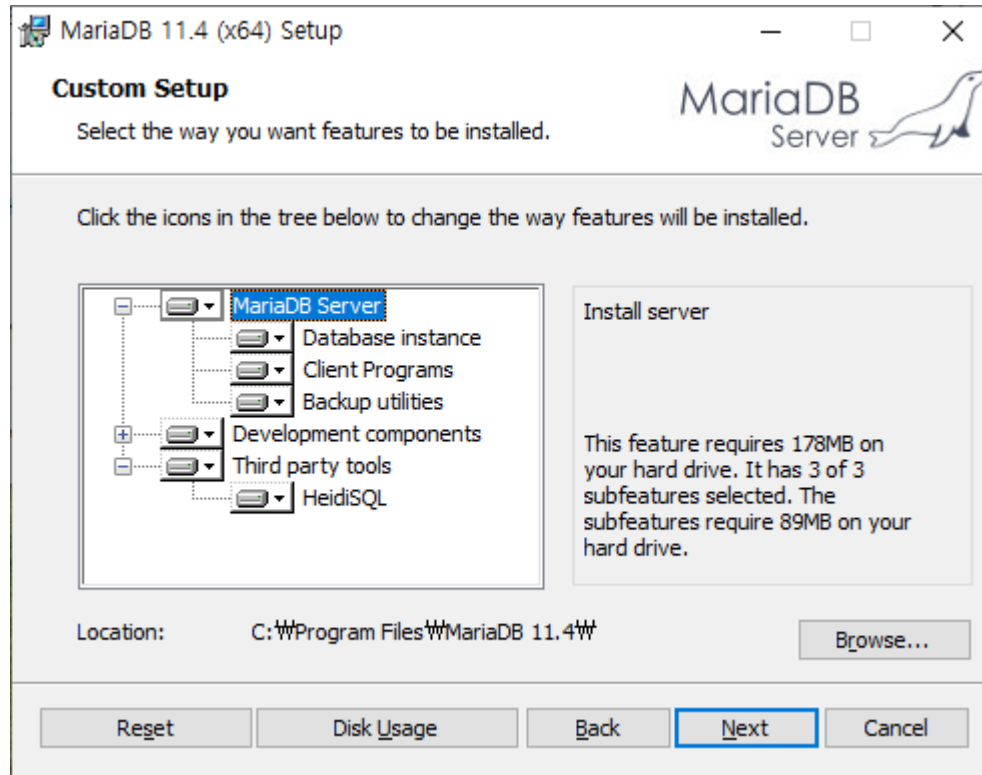
1. MariaDB 설치



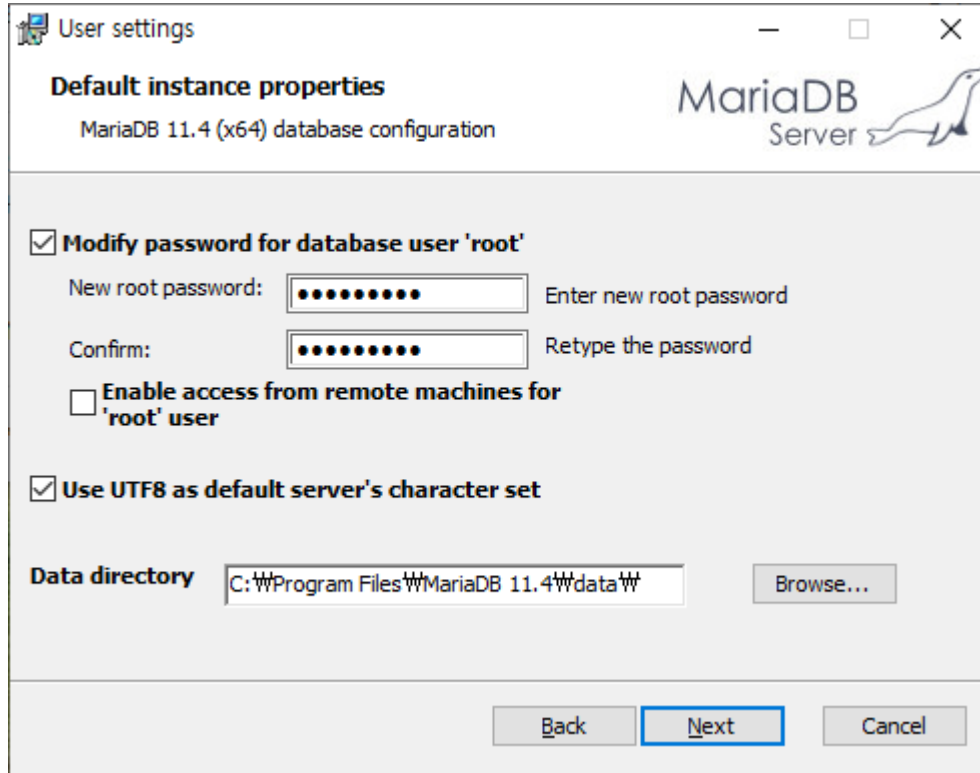
1. MariaDB 설치



1. MariaDB 설치



1. MariaDB 설치



The image shows the 'User settings' window for MariaDB 11.4 (x64) database configuration. The window has a title bar with standard Windows window controls. The main content area is divided into sections. The first section, 'Default instance properties', includes the MariaDB logo and version information. Below this, there are three main options: 1. 'Modify password for database user 'root'' which is checked. It contains two password input fields labeled 'New root password:' and 'Confirm:', both filled with dots. 2. 'Enable access from remote machines for 'root' user' which is unchecked. 3. 'Use UTF8 as default server's character set' which is checked. At the bottom, there is a 'Data directory' field containing the path 'C:\Program Files\MariaDB 11.4\data' and a 'Browse...' button. At the very bottom of the window are three buttons: 'Back', 'Next' (which is highlighted with a blue border), and 'Cancel'.

User settings

Default instance properties
MariaDB 11.4 (x64) database configuration

☒ **Modify password for database user 'root'**

New root password: Enter new root password

Confirm: Retype the password


☐ **Enable access from remote machines for 'root' user**

☒ **Use UTF8 as default server's character set**

Data directory

– password는 root@1234

1. MariaDB 설치



Database settings

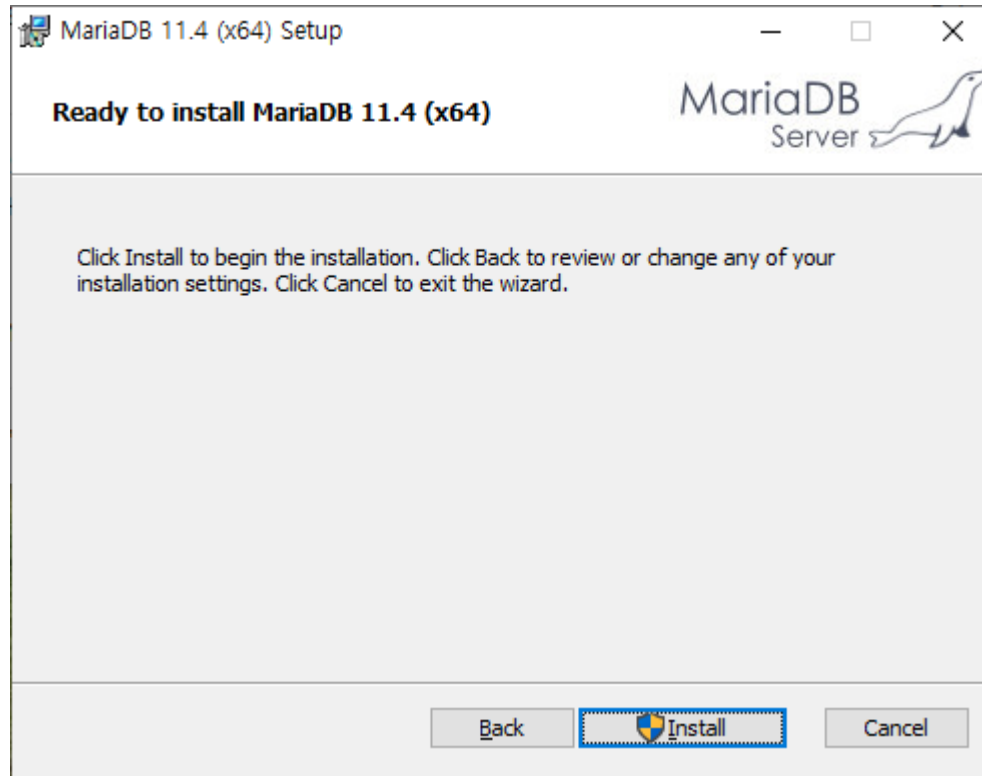
Default instance properties
MariaDB 11.4 (x64) database configuration

☒ **Install as service**
Service Name:

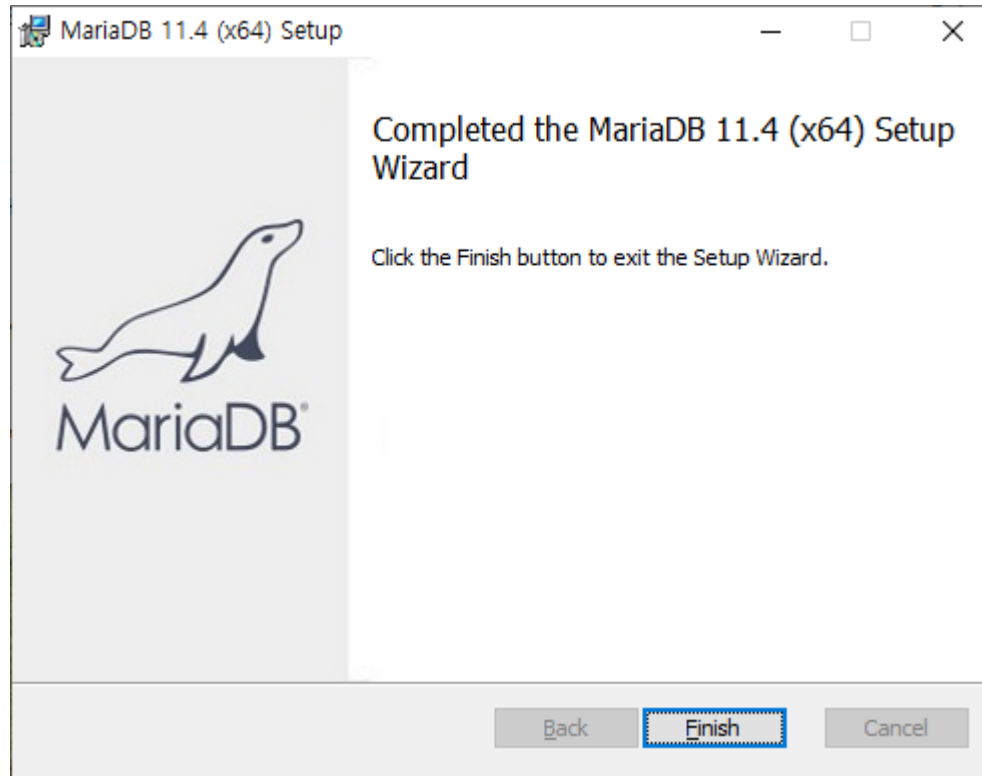
☒ **Enable networking**
TCP port:

InnoDB engine settings
Buffer pool size: MB
Page size: KB

1. MariaDB 설치



1. MariaDB 설치



2. DBeaver 설치



DBeaver Community

Free Universal Database Tool

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DBeaver Community 25.0.0

Released on March 2nd 2025 (Milestones).
It is free and open source (license).
Also you can get it from the GitHub mirror.
System requirements.

Windows

- Windows (installer)
- Windows (zip)
- Chocolatey (choco install dbeaver)
- Install from Microsoft Store

Mac OS X

- MacOS for Apple Silicon (dmg)
- MacOS for Intel (dmg)
- Brew Cask (brew install --cask dbeaver-community)

Linux

- Linux Debian package (installer)
- Linux RPM package (installer)
- Linux (tar.gz)
- Linux (tar.gz without Java included)
- Linux ARM (tar.gz without Java included)
- Snap (sudo snap install dbeaver-ce)
- Flatpak (flatpak install flathub io.dbeaver.DBeaverCommunity)

Eclipse Plugin

DBeaver PRO 24.3

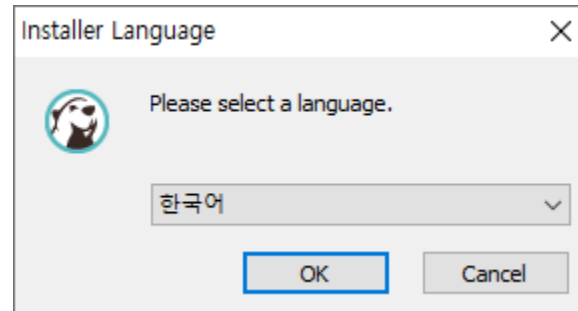
Released on December 16th, 2024
PRO version website: dbeaver.com
Trial version is available.

DBeaver PRO features:

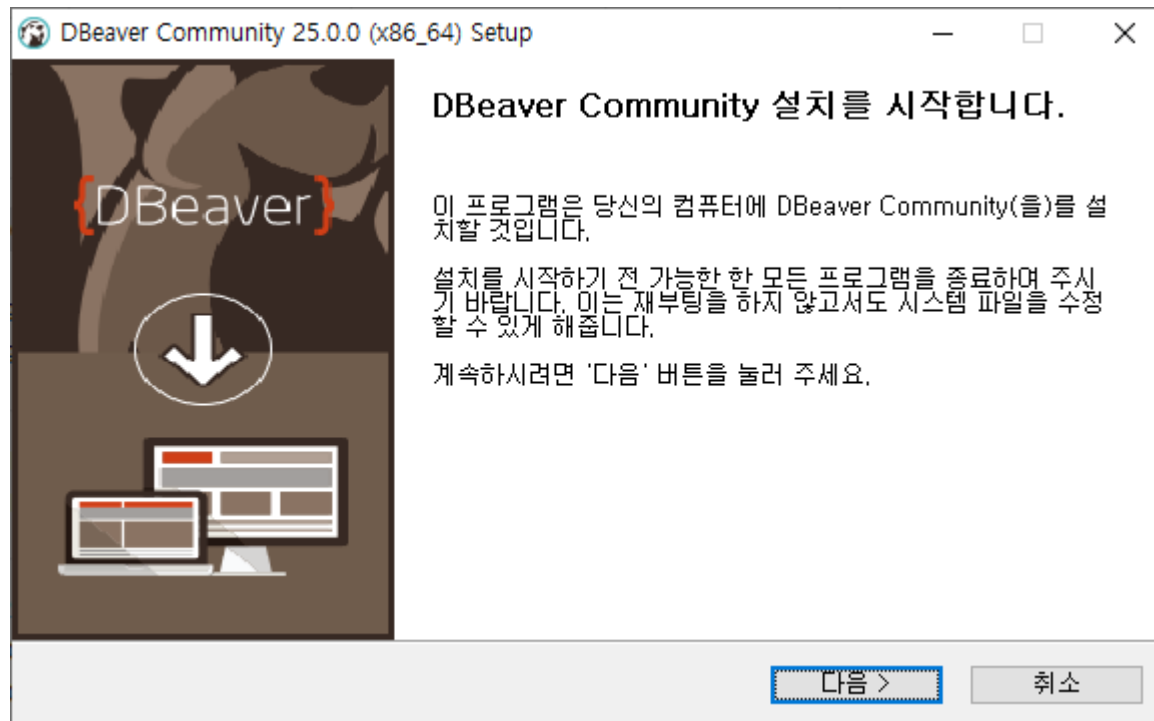
- Advanced security: master password and strong credentials encryption to secure and easy database connection.
- Enterprise-level authentication methods: SAML, SSO, OKTA, and Kerberos. SSO authentication cloud services such as GCP, AWS, and Azure.
- Advanced SQL databases support: MySQL, PostgreSQL, SQL Server, Oracle and others
- NoSQL databases support: MongoDB, Cassandra, Redis, CouchDB and others
- Cloud databases support: Redshift, Google BigQuery, Oracle Cloud and others
- Native cloud support for Google Cloud, AWS, and Azure.
- Access all files in any region with the S3 browser to upload, store, share, and save files like in a regular file system.
- AI assistant in SQL and Visual Query Builder to create complex SQL scripts automatically
- Database schema development with ERD Edit Mode.
- Mock data generation with thousands of entities of different types for database testing.
- Comparison of data and schemas between sources to navigate through all the differences.
- Query Execution plan graph mode to view and estimate the speed of the query or script execution and to define the most expensive plan nodes.
- Complex multi-component tasks support automating daily database operations.
- Task scheduler to run tasks automatically.

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2. DBeaver 설치



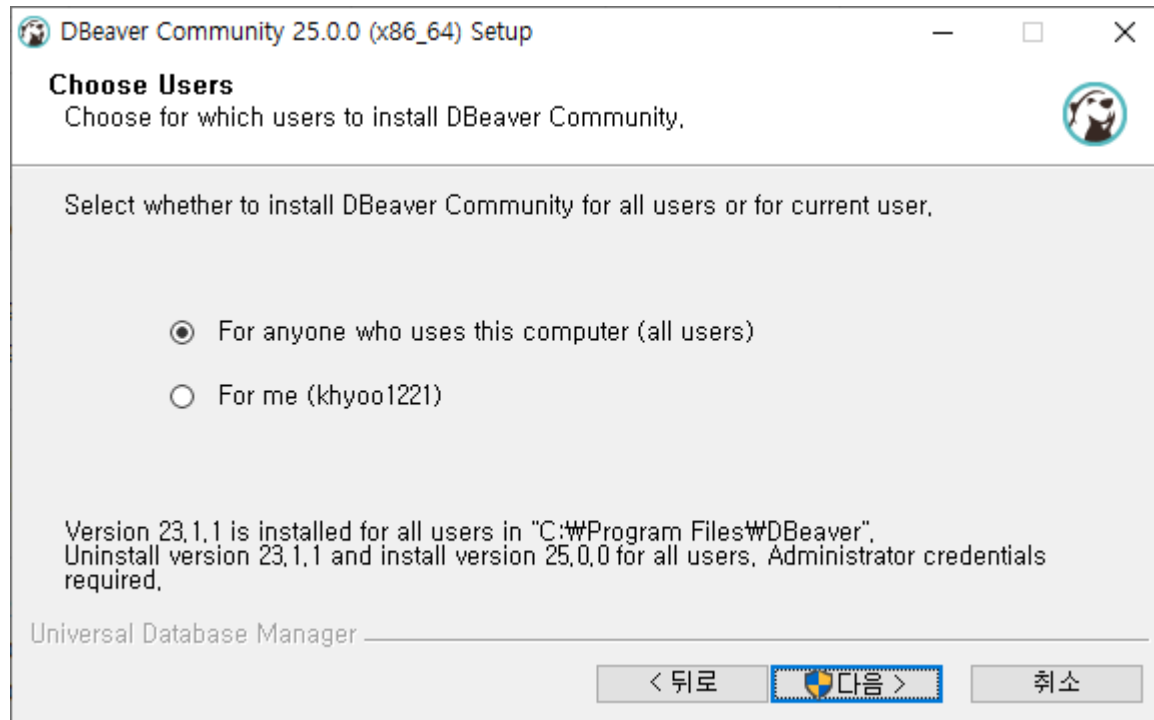
2. DBeaver 설치



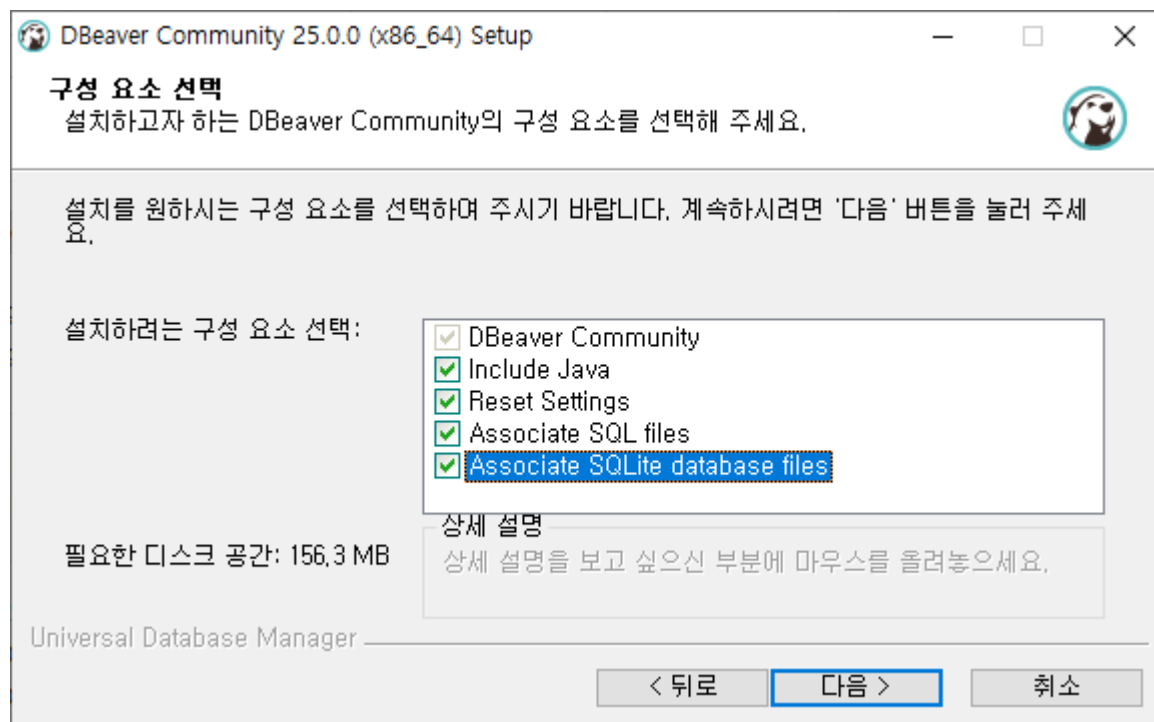
2. DBeaver 설치



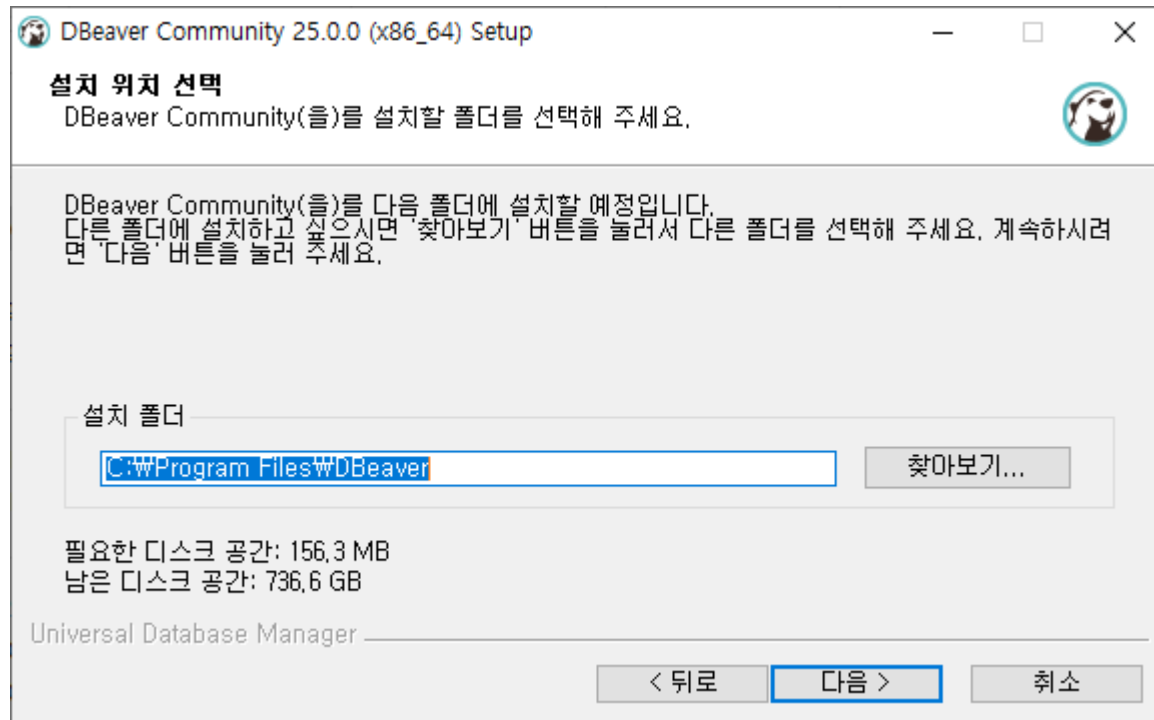
2. DBeaver 설치



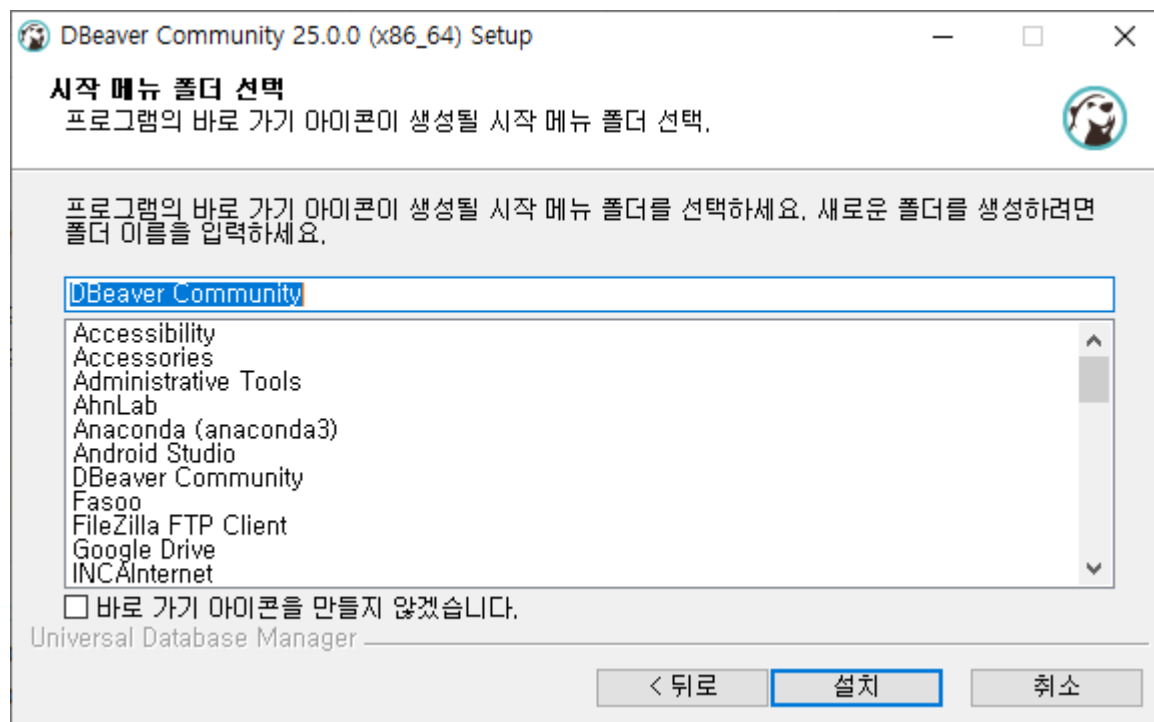
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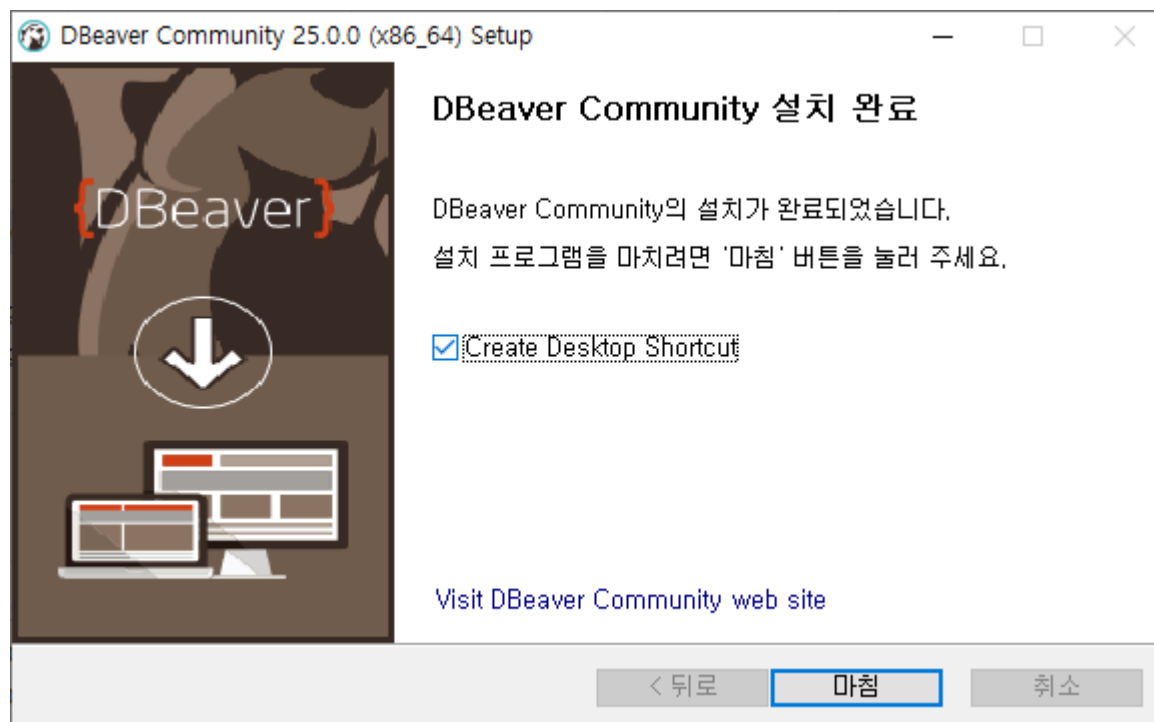
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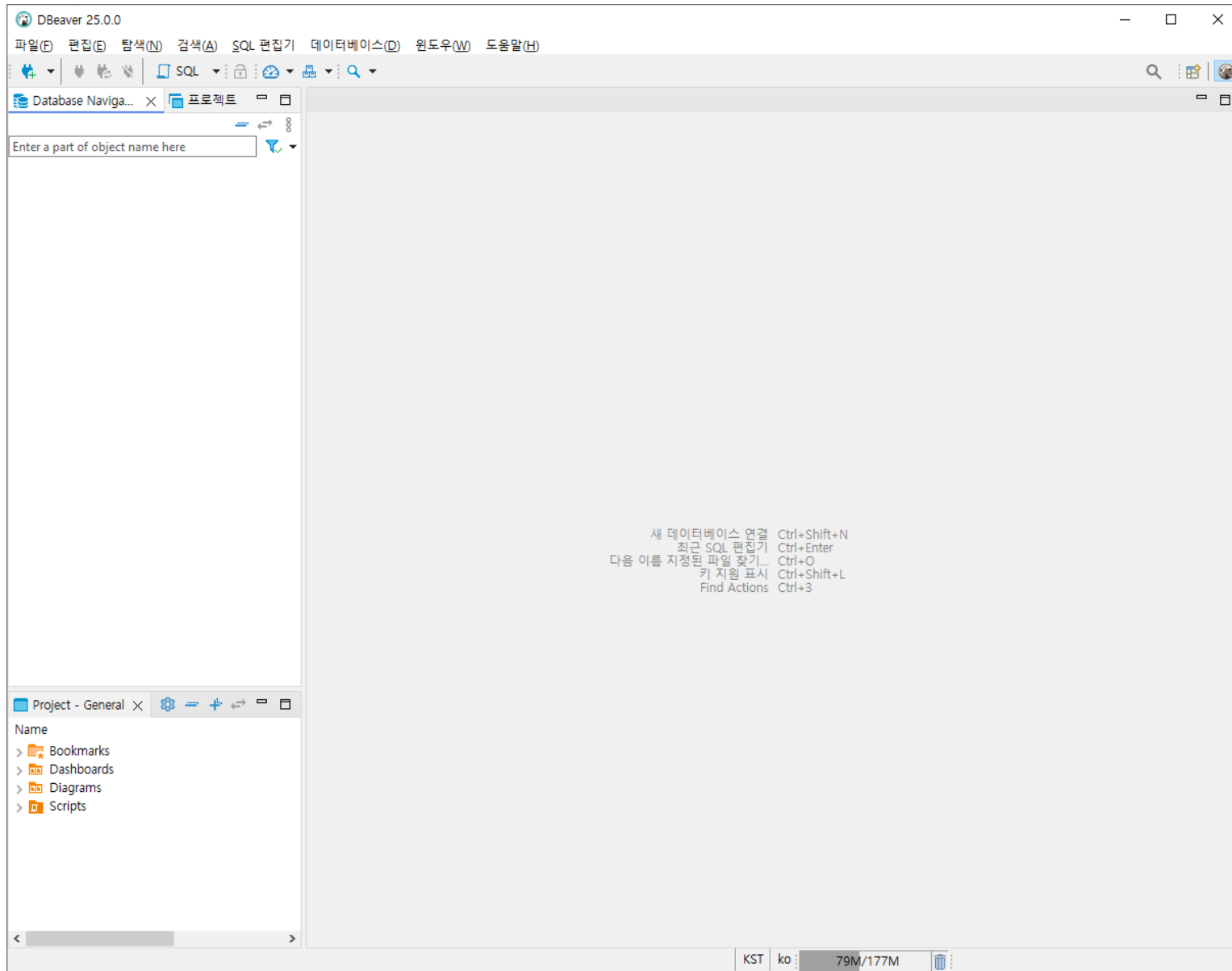
2. DBeaver 설치



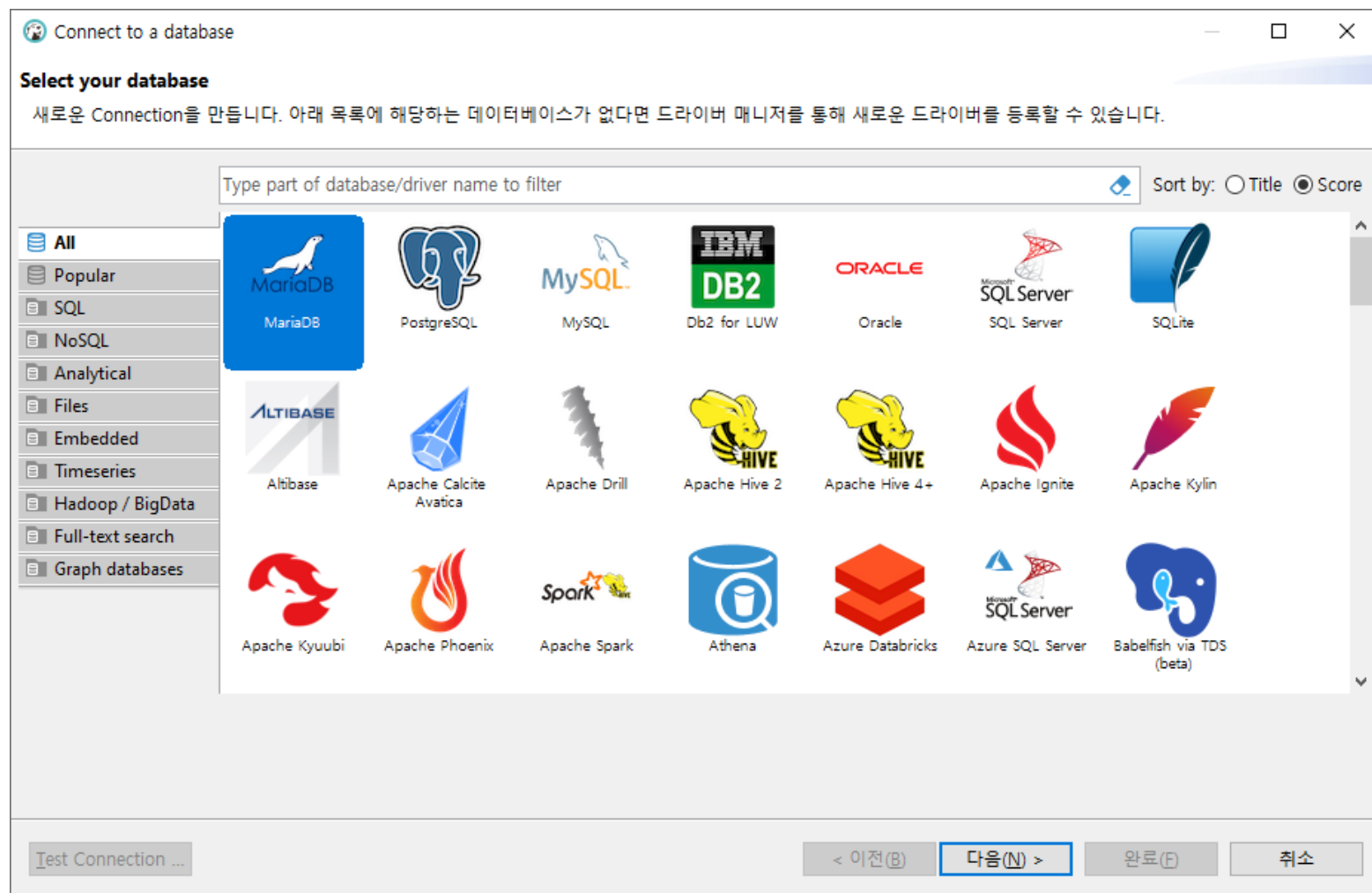
2. DBeaver 설치



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Connect to a database

Connection Settings
MariaDB connection settings



Main | Driver properties | SSH | SSL | [+ Network configurations...](#)

Server
Connect by: ☒ Host ☐ URL
URL:
Server Host: Port:
Database:

Authentication (Database Native)
Username:
Password: ☒ Save password

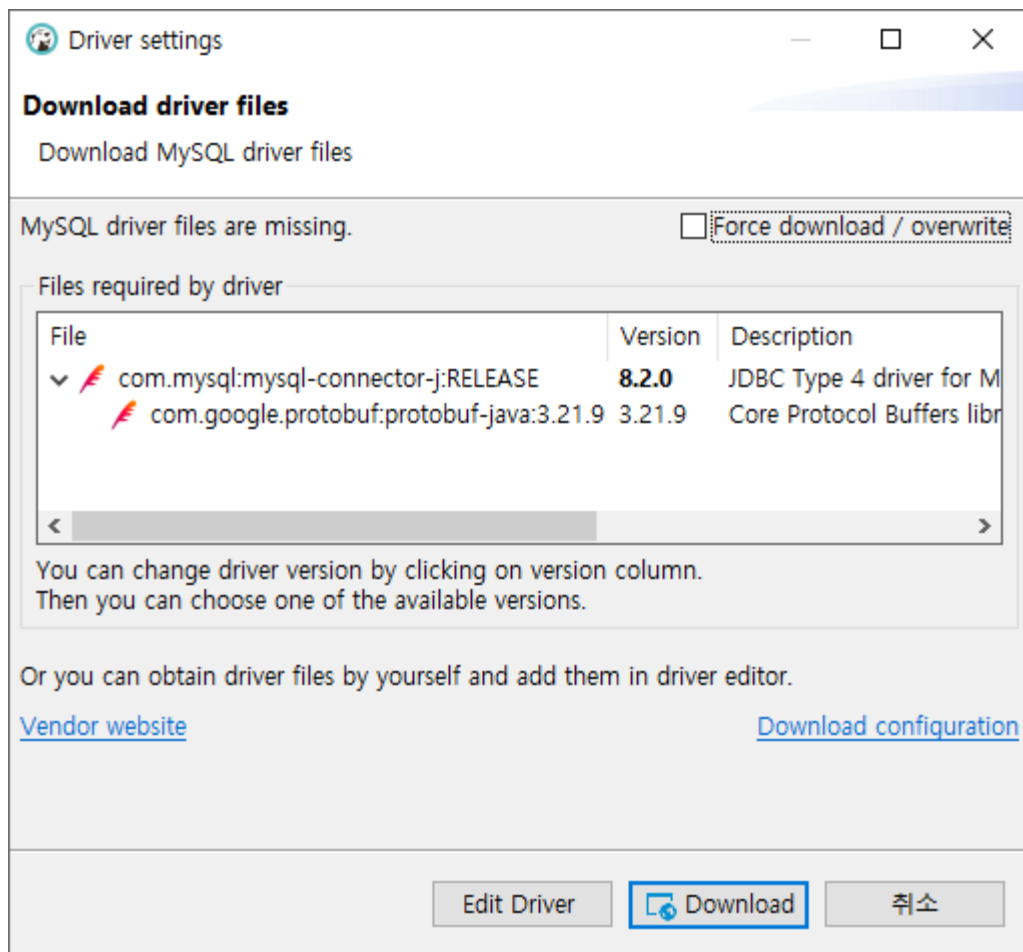
Advanced
Server Time Zone:
Local Client:

[Connection variables information](#) Connection details (name, type, ...)

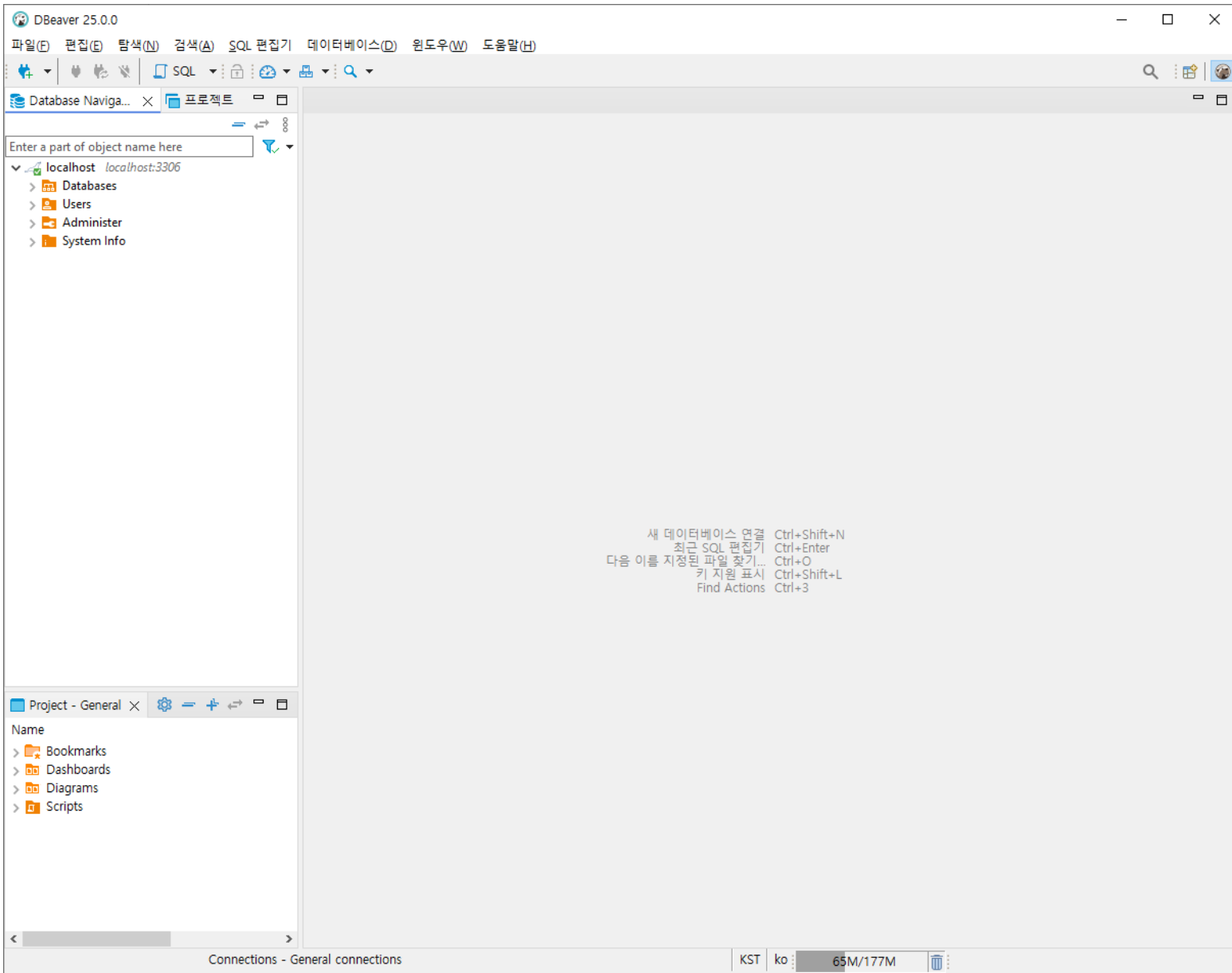
Driver name: MariaDB Driver Settings Driver license

Test Connection ... < 이전(B) 다음(N) > 완료(F) 취소

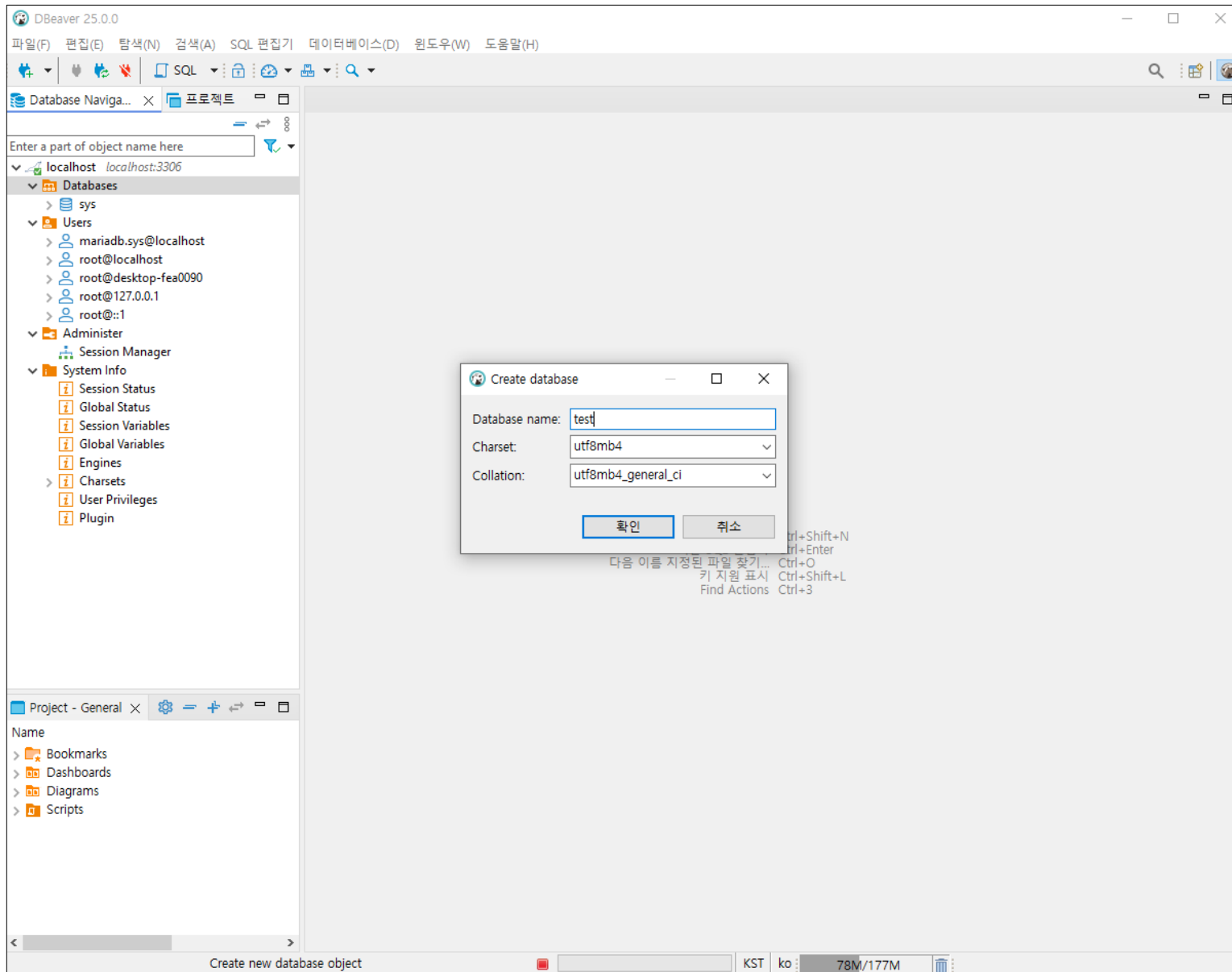
2. DBeaver 설치



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