

스프링부트로 **RestFulAPI** 구현하기

1장 개발환경구축 및 생성

- **JAVA17**버전 설치
- 인텔리제이 설치
- **DOCKERDESKTOP** 설치
- **MYSQL** 컨테이너 설치
- **springboot** 프로젝트 생성
- **heidlsql** 실행

박명회

1장 개발환경 구축 및 생성

- 자바 설치

<https://www.oracle.com/kr/java/technologies/downloads/#jdk17-windows>

JDK 22JDK 21JDK 17GaalVM for JDK 22GaalVM for JDK 21GaalVM for JDK 17

JDK Development Kit 17.0.11 downloads

JDK 17 binaries are free to use in production and free to redistribute, at no cost, under the [Oracle No-Fee Terms and Conditions](#) (NFTC).

JDK 17 will receive updates under the NFTC, until September 2024. Subsequent JDK 17 updates will be licensed under the [Java SE OTN License](#) (OTN) and productio
limited free grants of the OTN license will require a fee.

LinuxmacOSWindows

Product/file description	File size	Download
x64 Compressed Archive	172.83 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.zip (sha256)
x64 Installer	153.91 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.exe (sha256)
x64 MSI Installer	152.66 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi (sha256)

1장 개발환경 구축 및 생성


- **intelli** 설치

<https://www.jetbrains.com/ko-kr/idea/download/?section=windows>

IntelliJ IDEA JetBrains IDEs

새 버전이 제공됩니다 새로운 기능 기능 ▼ 리소스 **가격 책정** **다운로드**

JetBrains는 멋진 도움을 주고 있는 커뮤니티에 보답하고자 하며, 이것이 IntelliJ IDEA Community Edition을 완전 무료로 제공하는 이유입니다.

 **IntelliJ IDEA Community Edition**

Java 및 Kotlin 애호가를 위한 IDE

다운로드 .zip (Windows) ▼

무료, 오픈 소스로 빌드됨

Feedback

1장 개발환경 구축 및 생성

- 도커데스크탑설치

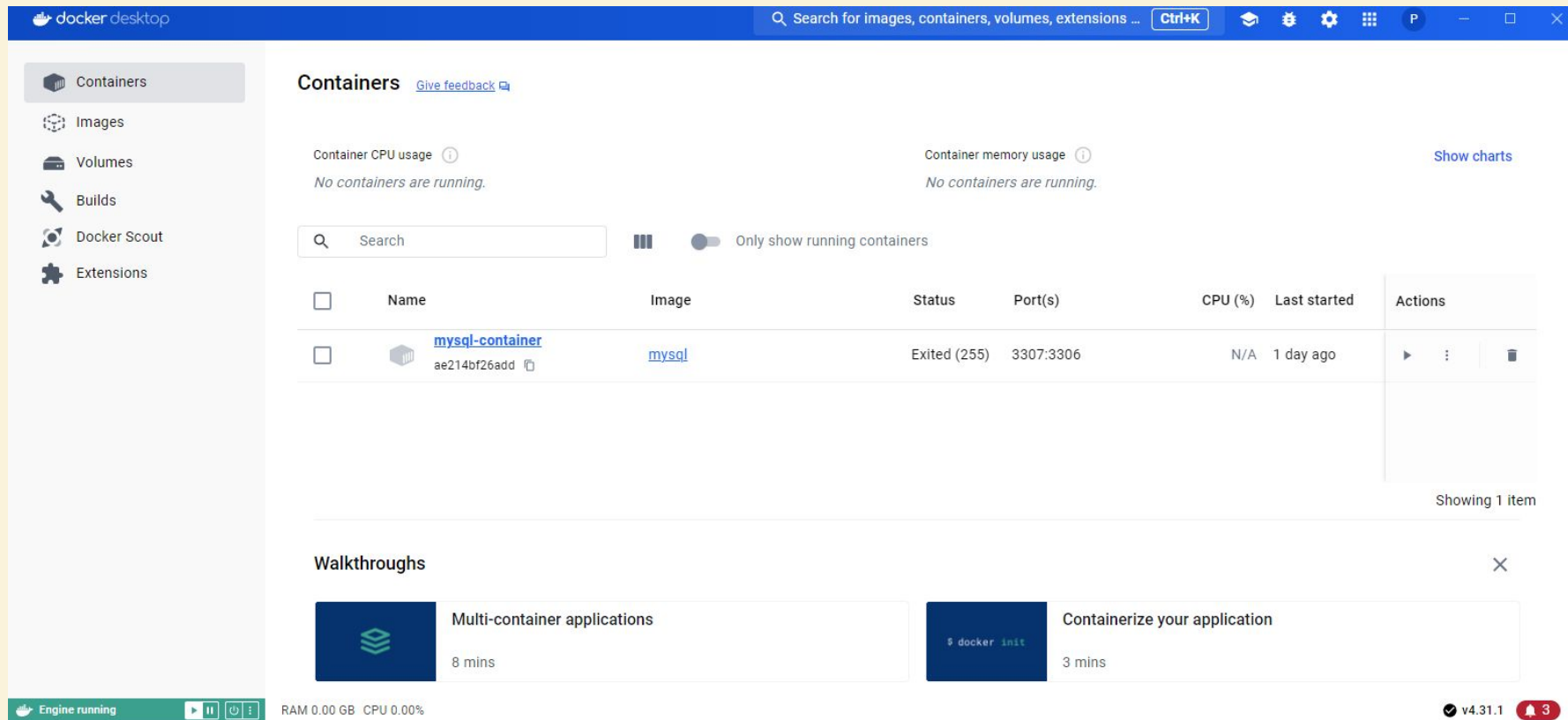
<https://docs.docker.com/desktop/install/windows-install/>

The screenshot shows a web browser displaying the Docker documentation page for installing Docker Desktop on Windows. The browser's address bar shows the URL `docs.docker.com/desktop/install/windows-install/`. The page has a blue header with the Docker logo and navigation links: `Guides`, `Manuals` (selected), and `Reference`. A left sidebar contains a table of contents with links to `Overview`, `Get Docker`, `Docker Desktop` (expanded), `Install` (expanded), `Mac`, `Understand permission requirements for Windows` (selected), `Linux`, `Installation per Linux distro`, `Sign in`, `Explore Docker Desktop`, and `Hardened Docker Desktop`. The main content area has a breadcrumb trail: `Manuals / Docker Desktop / Install / Windows`. The title is `Install Docker Desktop on Windows`. Below the title is a light blue box with a warning icon and the text: `Docker Desktop terms`. The text states: `Commercial use of Docker Desktop in larger enterprises (more than 250 employees OR more than $10 million USD in annual revenue) requires a paid subscription.` Below this, there are two blue buttons: `Docker Desktop for Windows - x86_64` and `Docker Desktop for Windows - Arm (Beta)`. At the bottom, it says: `For checksums, see Release notes`. On the right side, there are links to `Edit this page` and `Request changes`, and a `Table of contents` section with links to `System requirements`, `Install Docker Desktop on Windows`, `Start Docker Desktop`, and `Where to go next`.

1장 개발환경 구축 및 생성

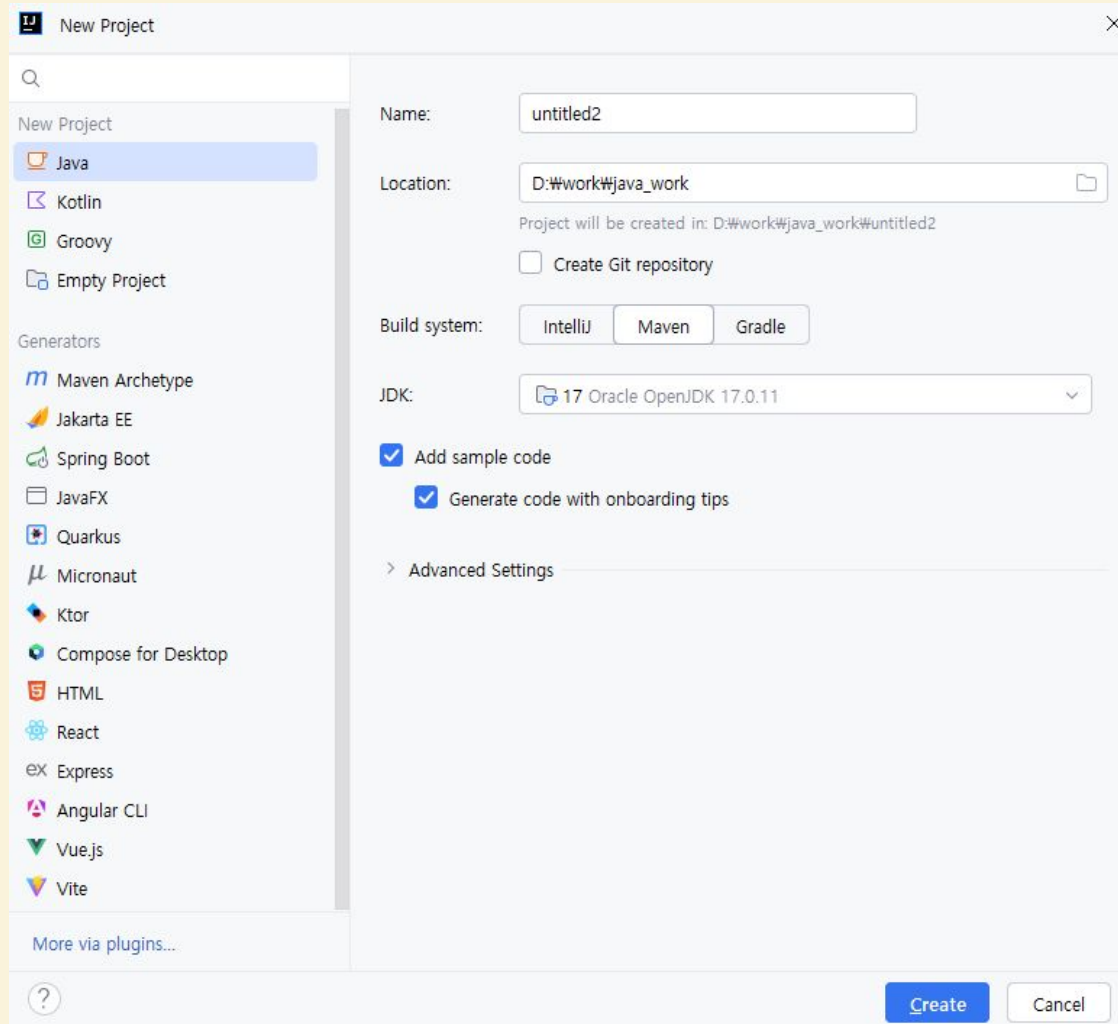
- **mysql** 컨테이너 생성하기

docker run --name mysql-container -e MYSQL_ROOT_PASSWORD=1234 -d -p 3306:3306 mysql:latest



1장 개발환경 구축 및 생성

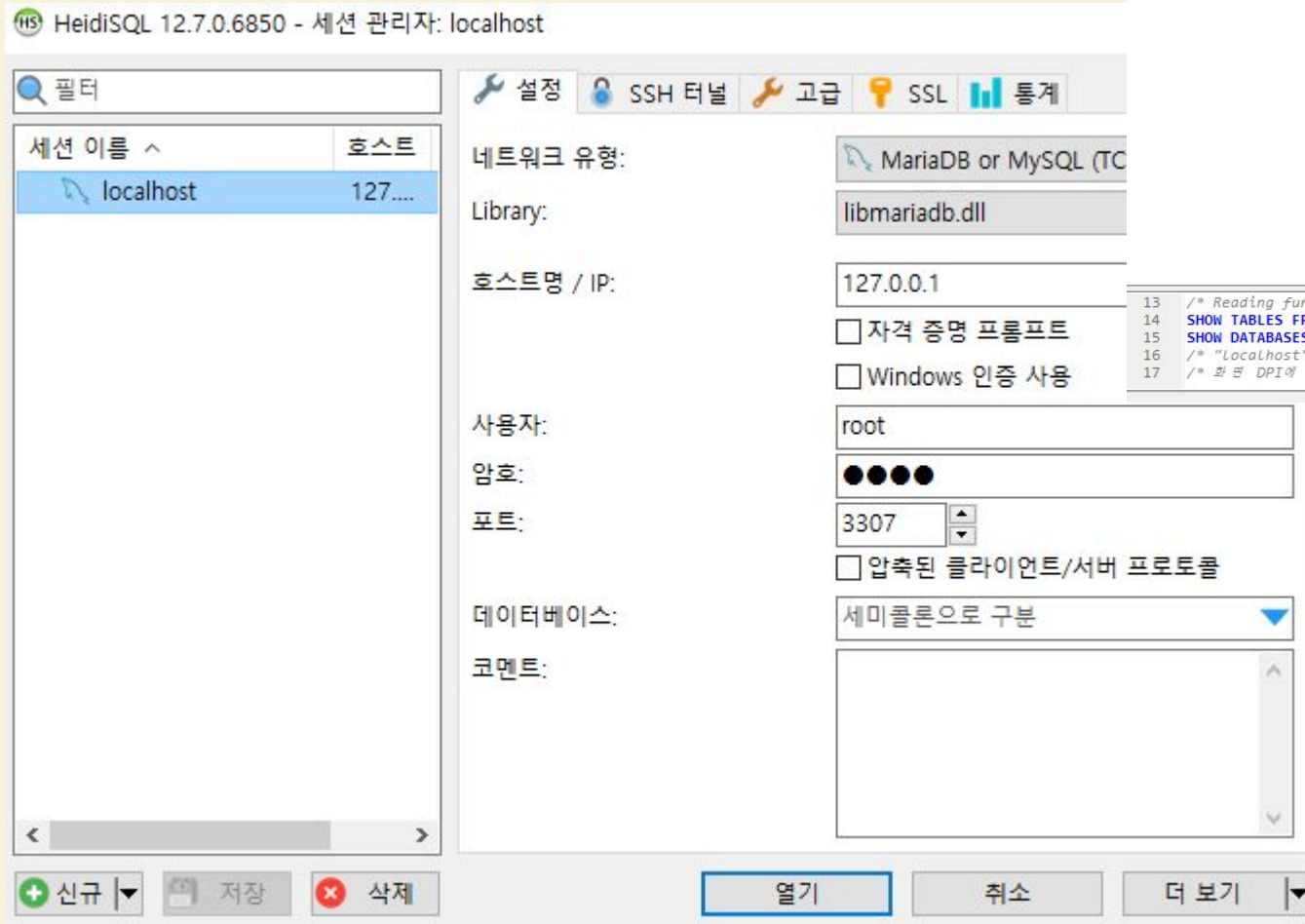
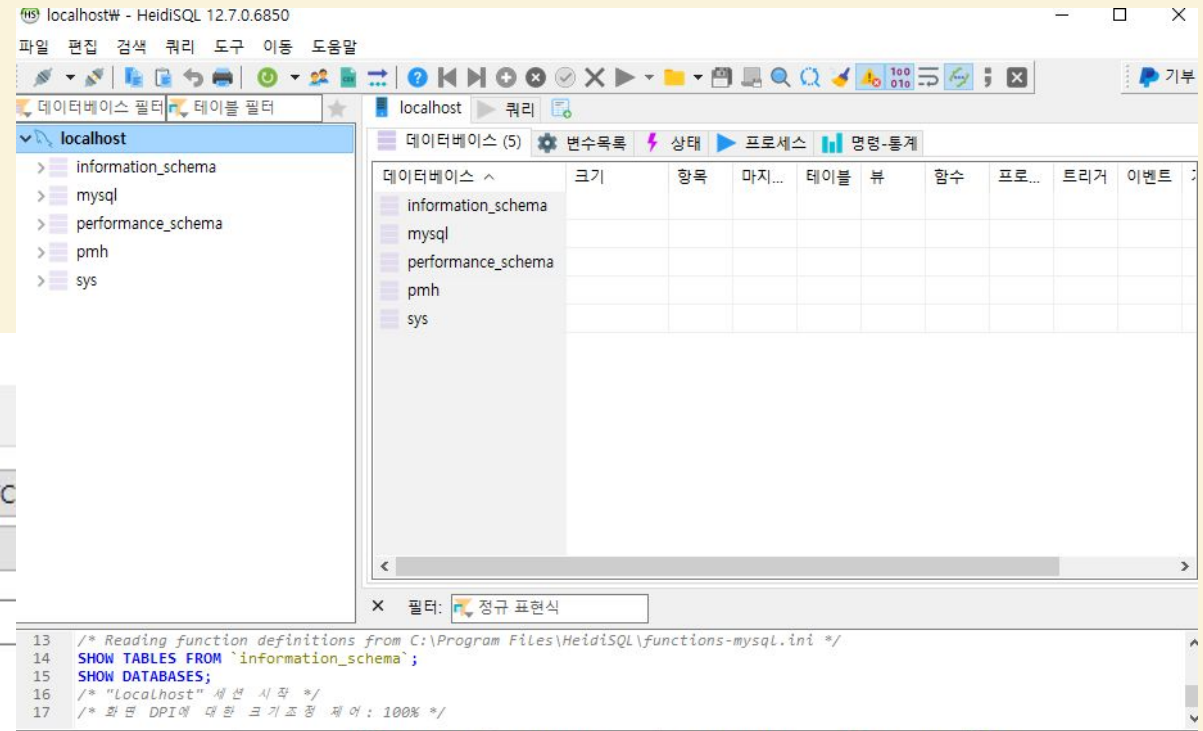
- **springboot** 프로젝트 생성하기



1장 개발환경 구축 및 생성

- mysql 접속하기

HeidiSQL 실행 및 접속



감사합니다