

JDBC 프로그래밍

- Data Source Explorer -

JDBC 드라이버

❖ 오라클 JDBC 드라이버 버전

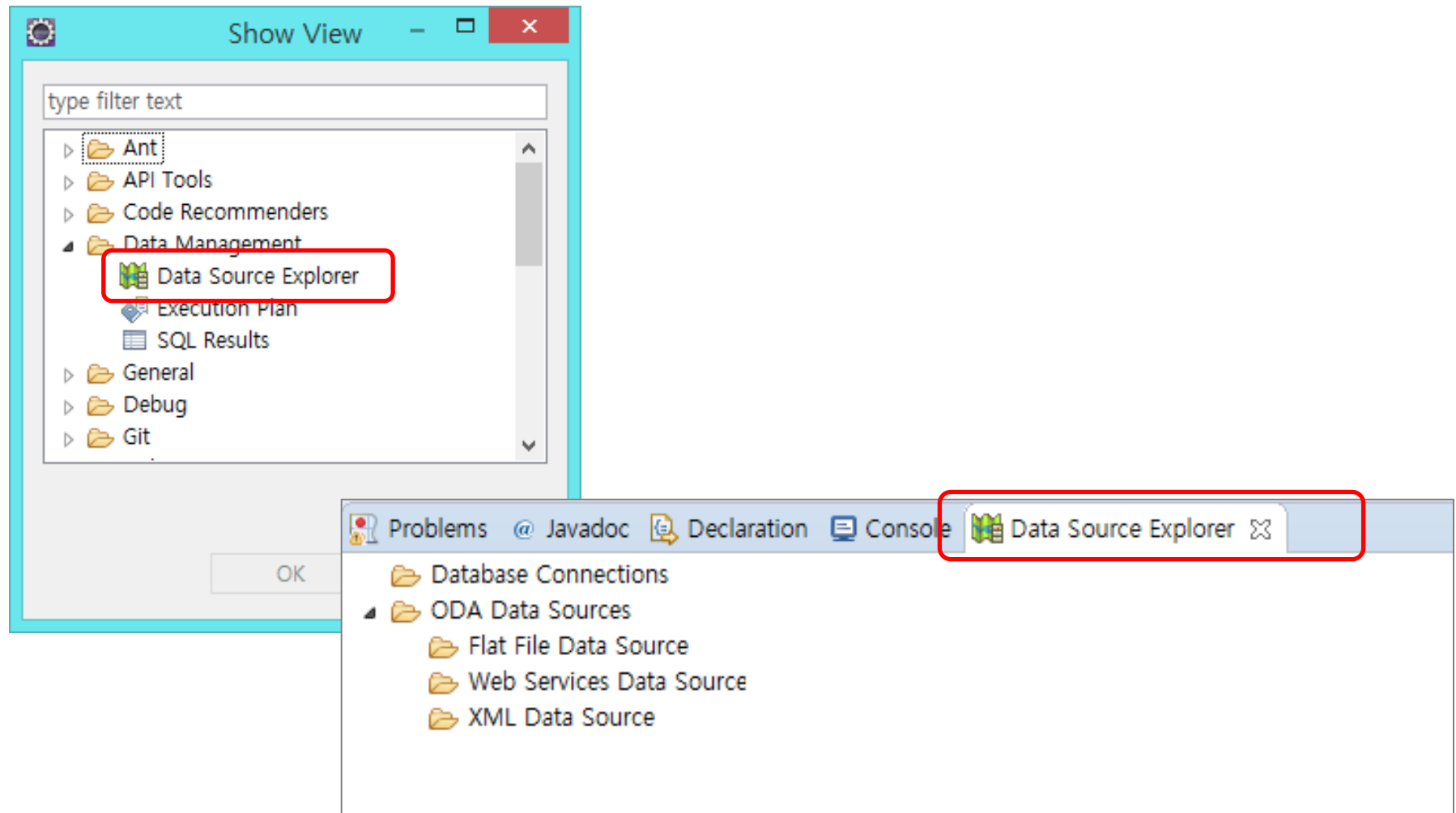
- JDK 1.3 => ojdbc13
- JDK 1.4 => ojdbc14
- JDK 1.5 => ojdbc5
- JDK 1.6 => ojdbc6
- JDK 1.7 => ojdbc7

- OJDBC - Oracle Version
 - Oracle 110이하 => ojdbc6-11.1.0.7.0.jar
 - Oracle 120이하 => ojdbc7-12.1.0.2.0.jar

Data Source Explorer

❖ 이클립스에 Data Source Explorer 뷰 추가하기

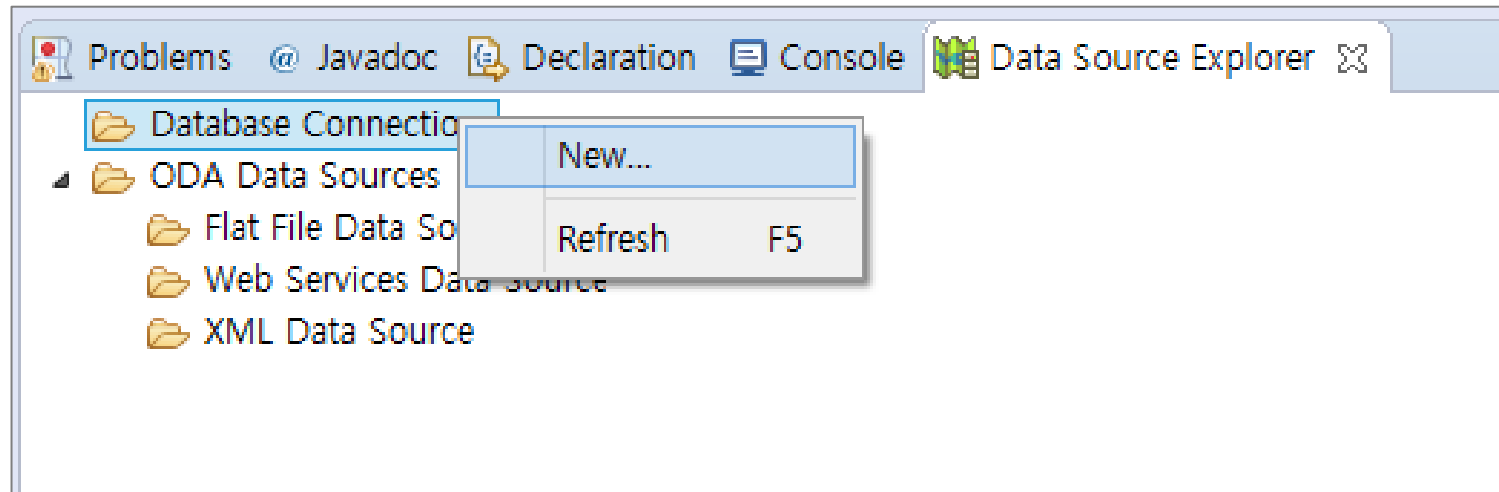
- Window > Show View > Other... > Data Management > Data Source Explorer



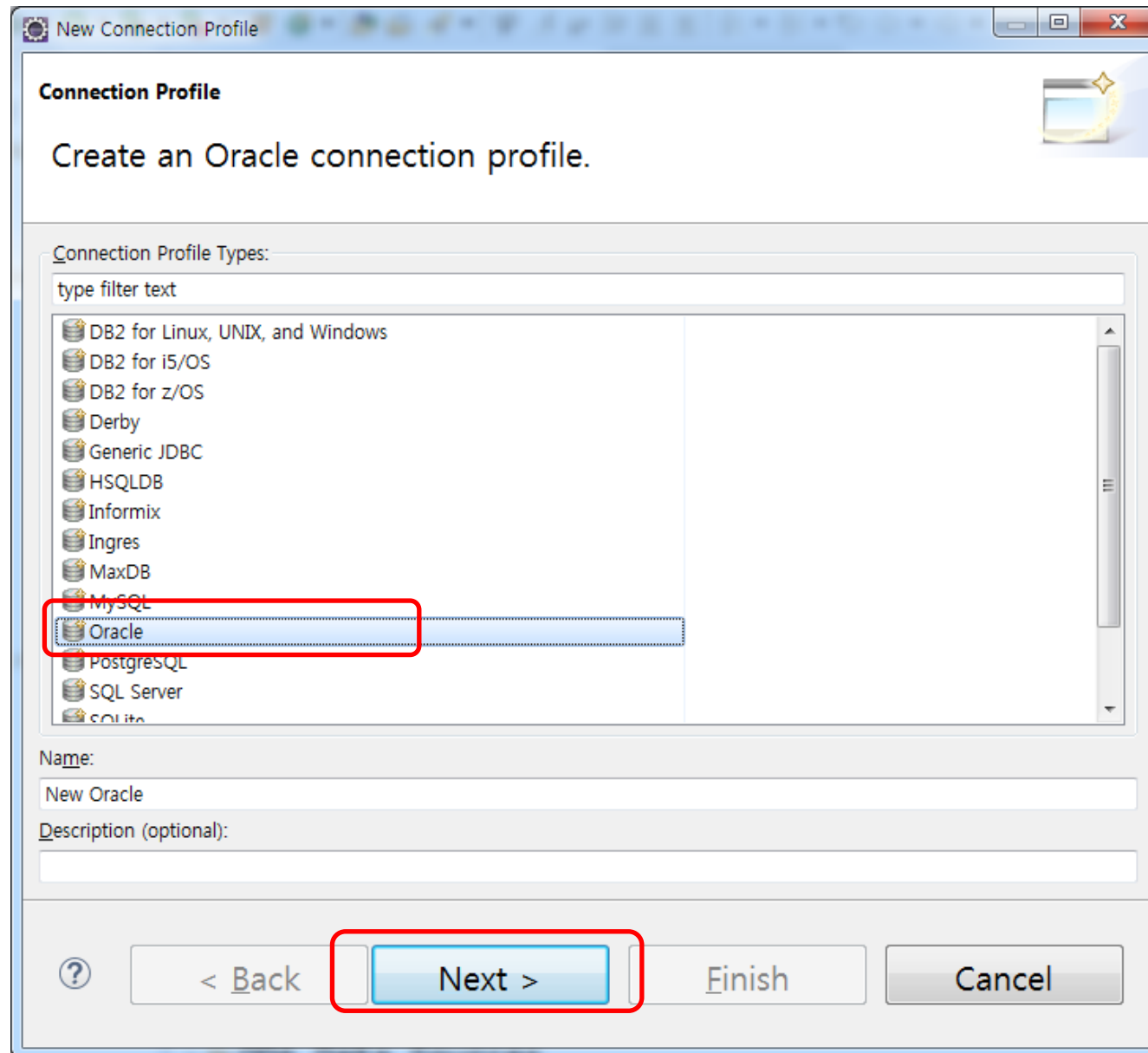
Data Source Explorer

❖ Database Connections 추가

- Database Connections > 우측 버튼 > New ...

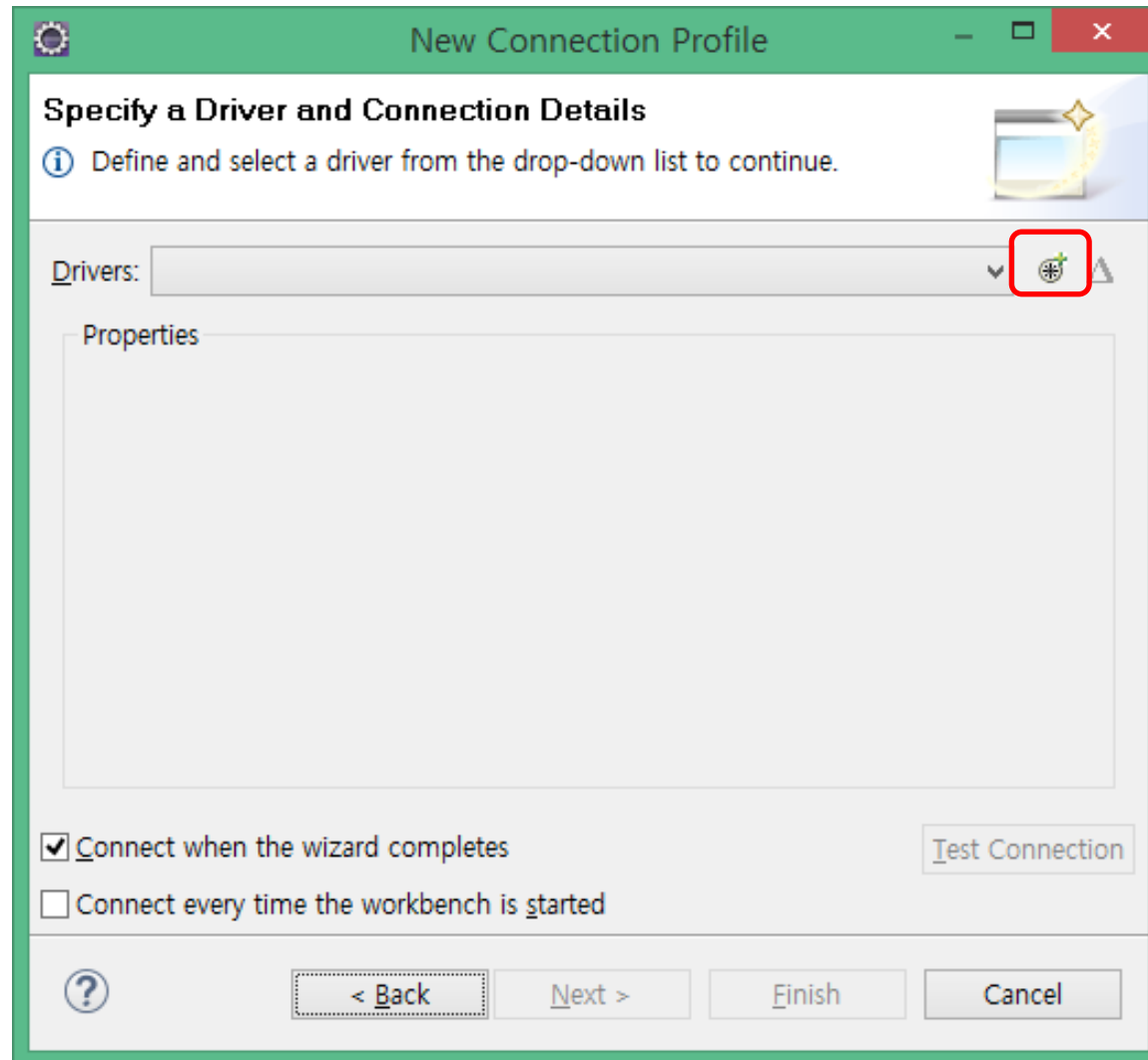


Data Source Explorer

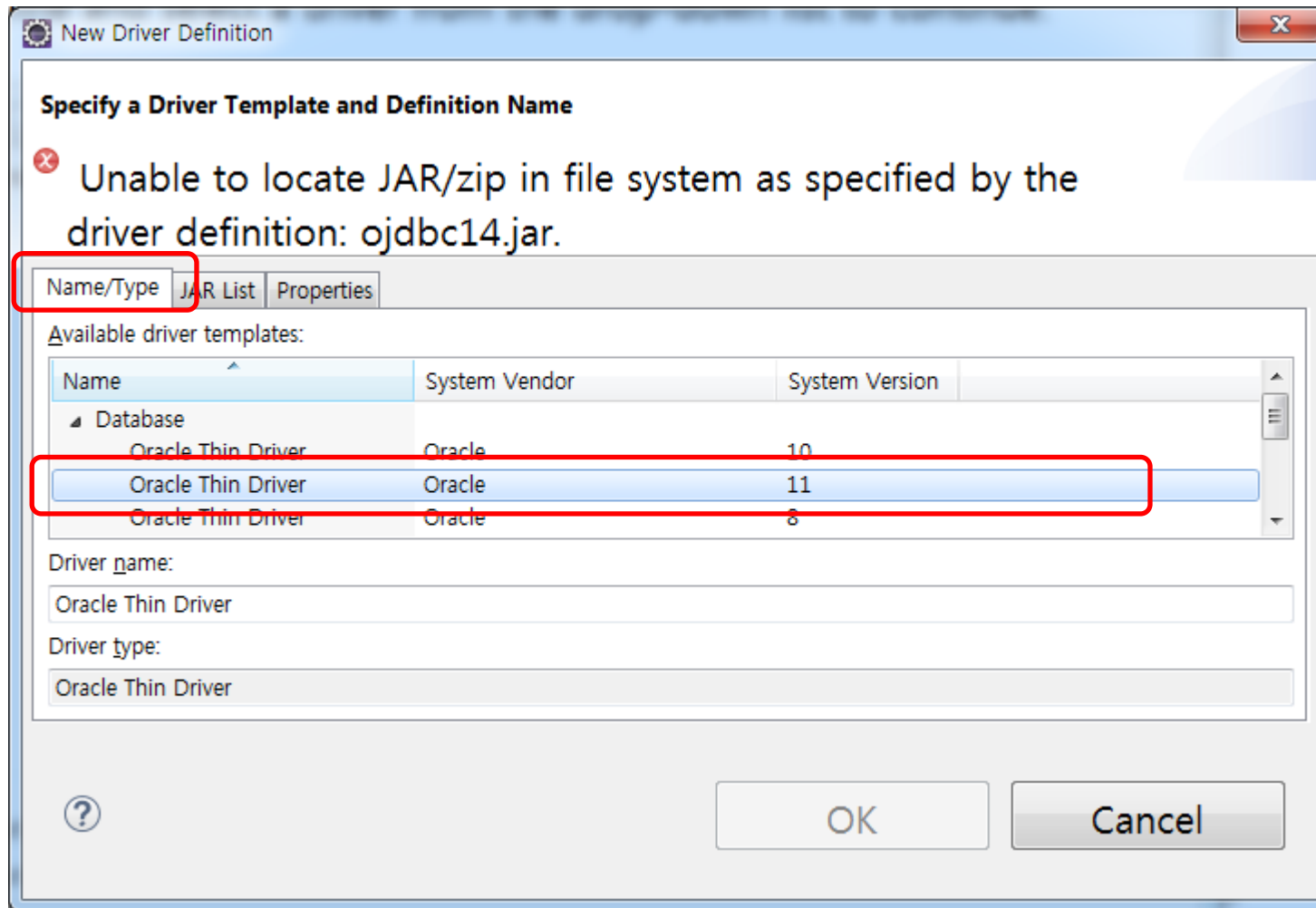


Data Source Explorer

❖ Connection Profile 작성하기



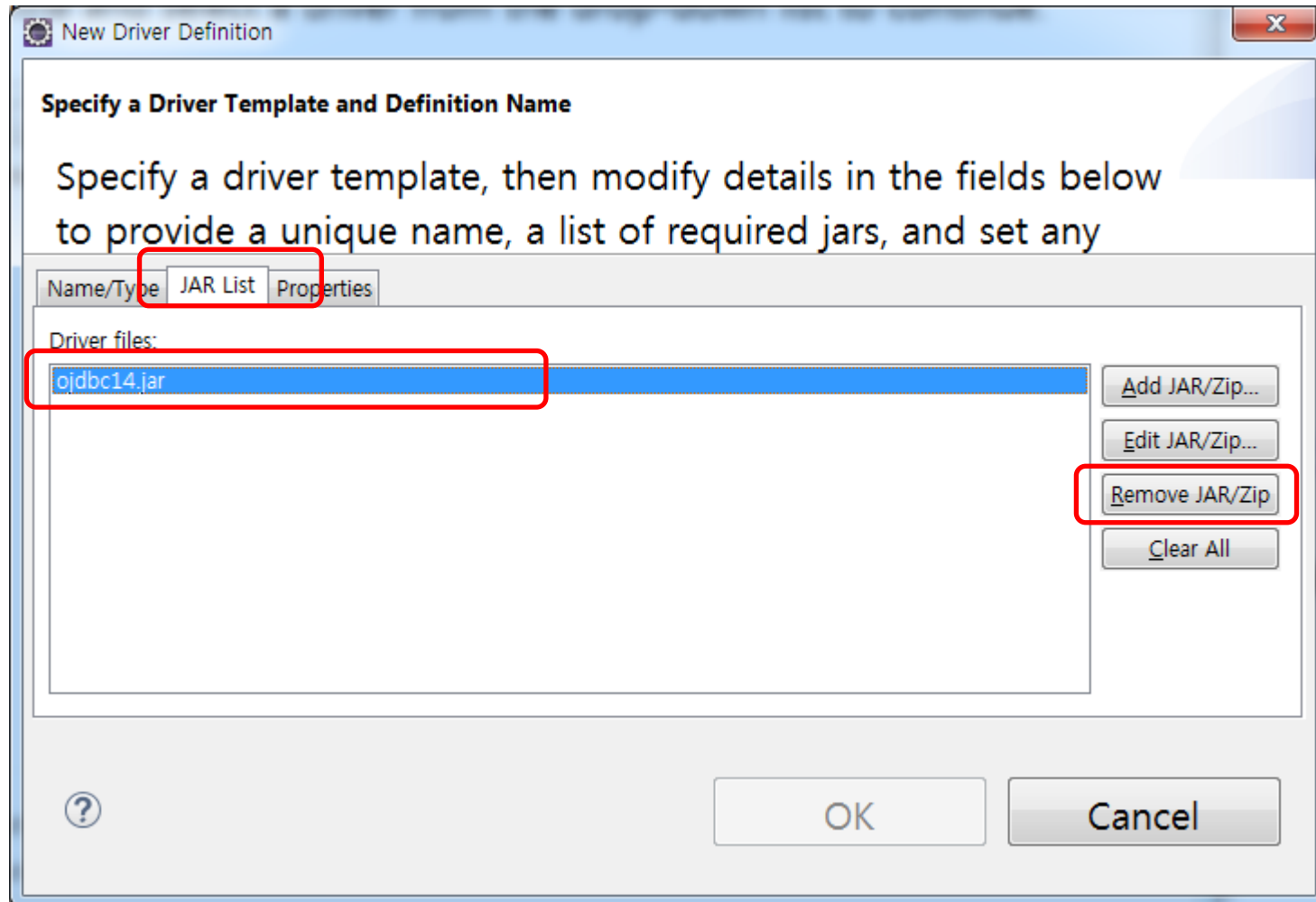
Data Source Explorer



Data Source Explorer

❖ Connection Profile 작성하기

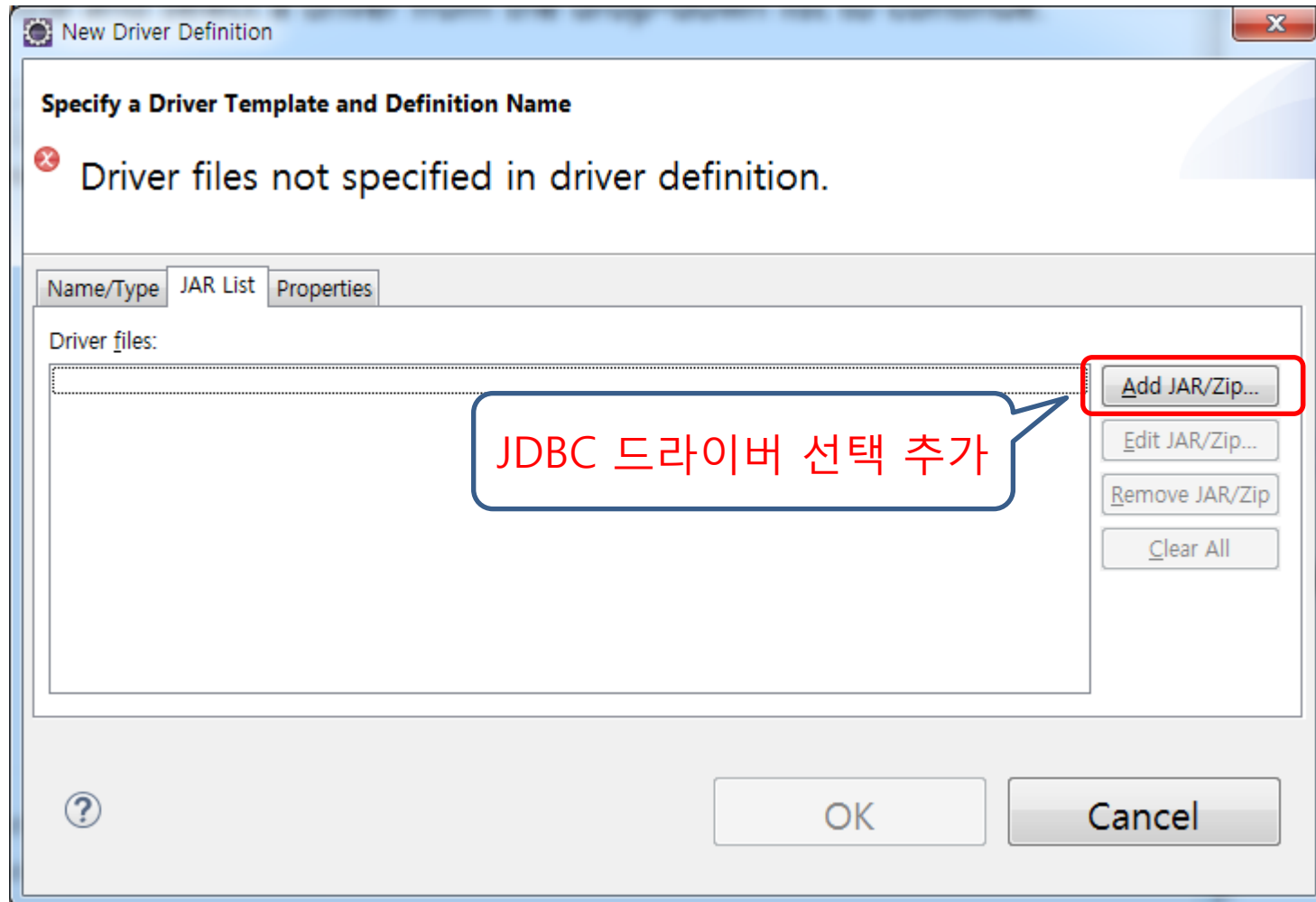
- 기존 JDBC 드라이버 제거



Data Source Explorer

❖ Connection Profile 작성하기

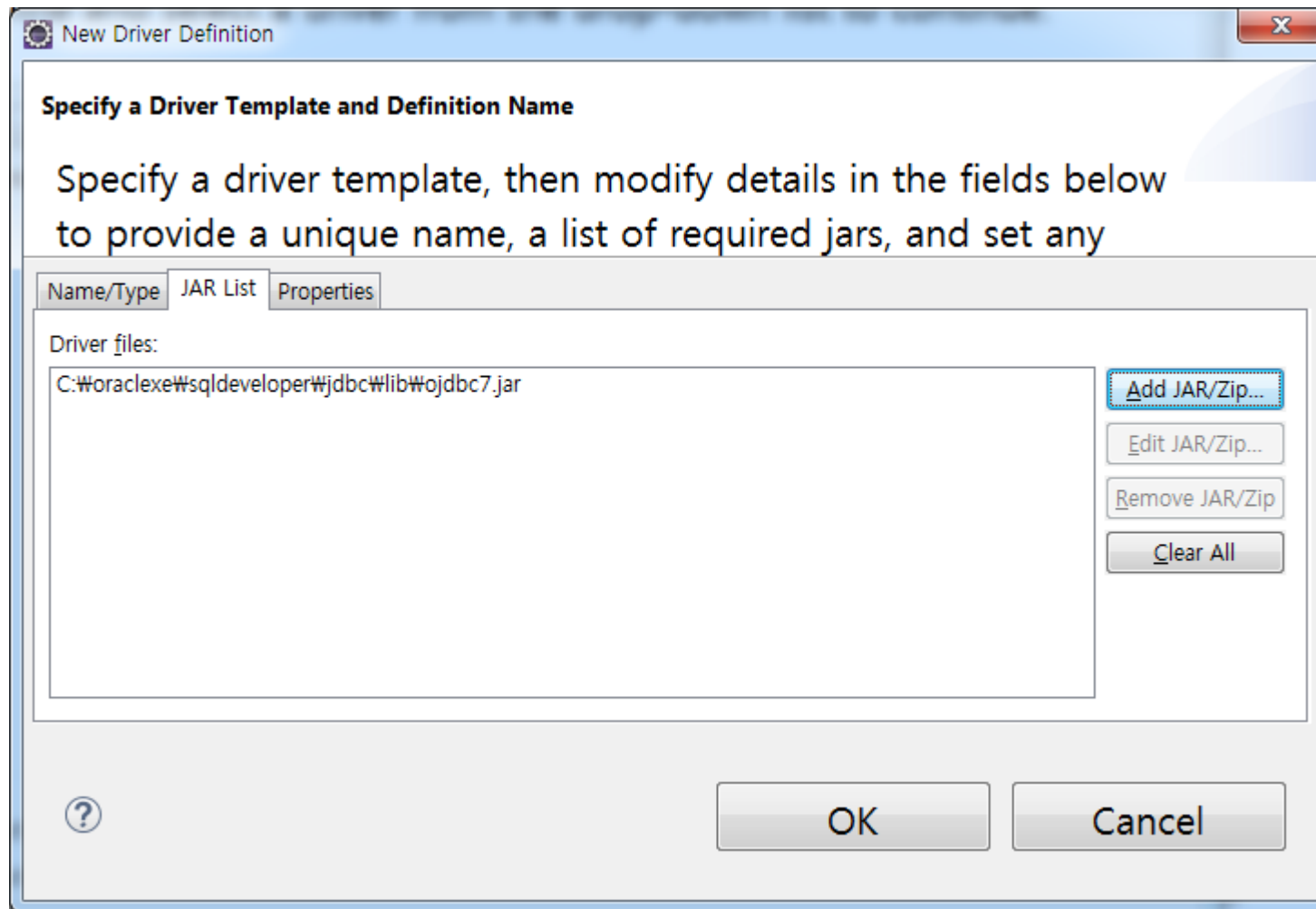
- JDBC 드라이버 추가하기



Data Source Explorer

❖ Connection Profile 작성하기

- C:\oraclexe\sqldeveloper\jdbc\lib\ojdbc7.jar 선택



Data Source Explorer

New Driver Definition

Specify a Driver Template and Definition Name

Specify a driver template, then modify details in the fields below to provide a unique name, a list of required jars, and set any

Name/Type JAR List Properties

Properties:

Property	Value
General	
Catalog	USER
Connection URL	jdbc:oracle:thin:@localhost:1521:xe
Database Name	xe
Driver Class	oracle.jdbc.OracleDriver
Password	****
User ID	iot

?

OK Cancel

Data Source Explorer

❖ Conn

New Connection Profile

Specify a Driver and Connection Details

Select a driver from the drop-down and provide login details for the connection.

Drivers: Oracle Thin Driver

Properties

General Optional

Database instance: ☒ Service Name xe ☐ SID

Connection URL: jdbc:oracle:thin:@localhost:1521:xe

Host: localhost

Port number: 1521

User name: iot

Password: ●●●●

☒ Save password

Catalog: User

☒ Connect when the wizard completes

☐ Connect every time the workbench is started

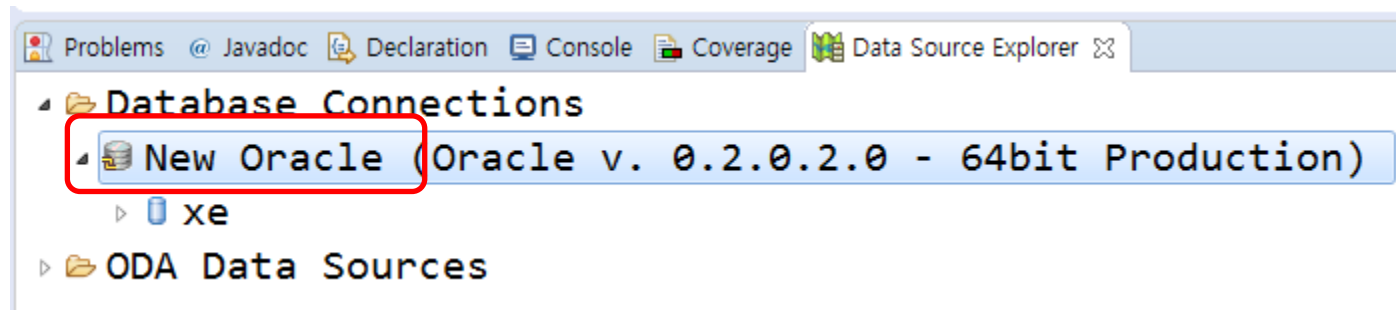
Test Connection

Finish

접속 테스트

Data Source Explorer

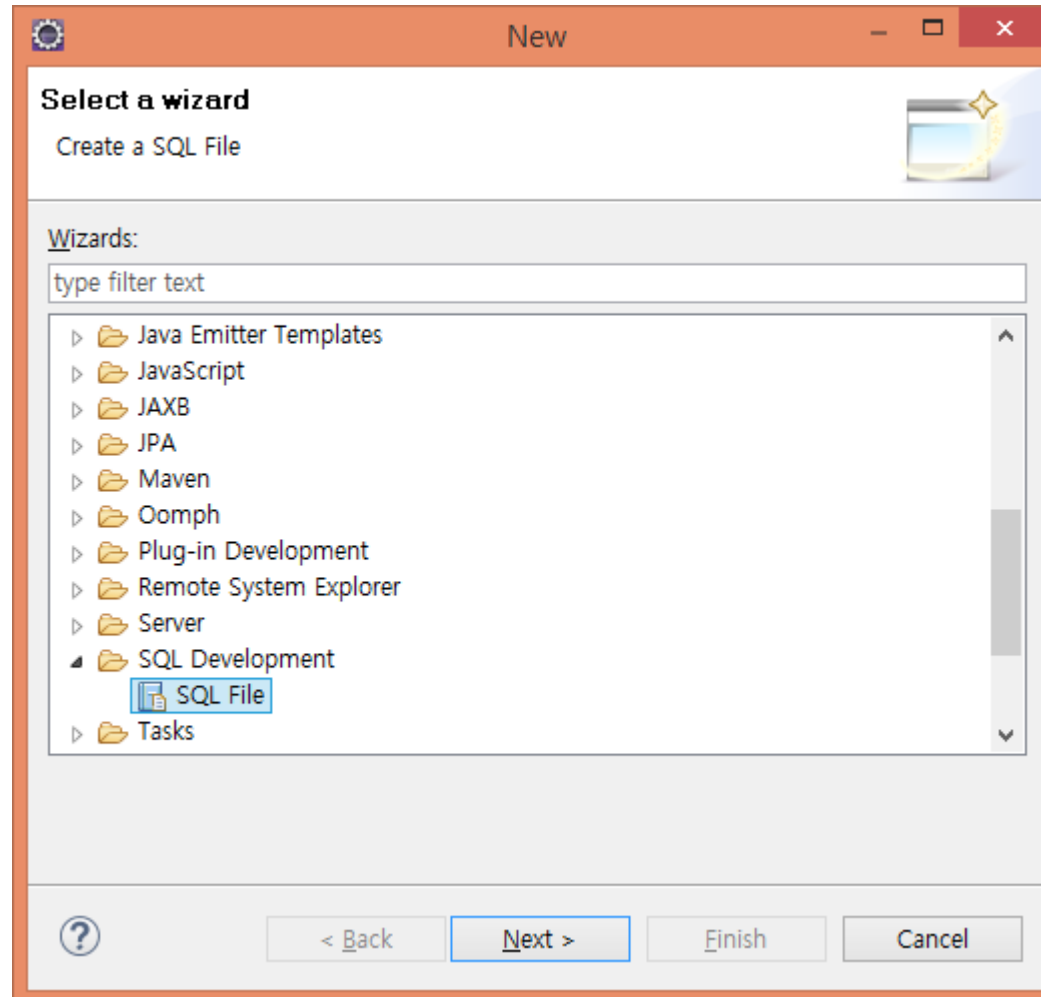
❖ Connection Profile 작성하기



Data Source Explorer

❖ 프로젝트에 SQL 파일 추가하기

- src > New > Other ... > SQL Development > SQL File



Data Source Explorer

New SQL File

Create SQL File

Create a new SQL file

Enter or select the parent folder:

JDBCTest/src

Create Project...

src

target

test

RemoteSystemsTempFiles

Test

File name: contact

Advanced >>

Database server type: Oracle_11

Connection profile name: New Oracle

Create...

Database name: xe

☐ Do not connect now

? < Back Next > Finish Cancel

Data Source Explorer

❖ 프로젝트에 SQL 파일 추가하기

- contact.sql

