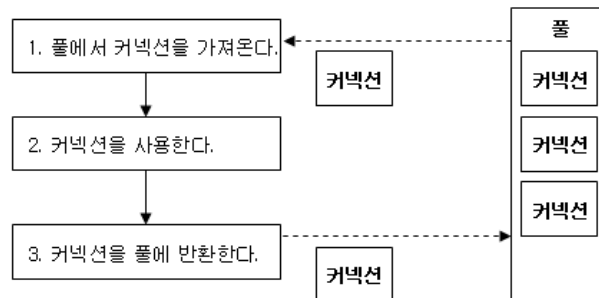




Spring JDBC 1

DataSource

DataBase Connection Pool (DBCP)



출처: <https://brownbears.tistory.com/289>

HikariCP

HikariCP는 2012년도경에 Brett Wooldridge가 개발한 매우 가볍고 매우 빠른 JDBC 컨넥션 풀입니다.

GitHub - brettwooldridge/HikariCP: HikariCP • A solid, high-performance, JDBC connection pool at last.

Fast, simple, reliable. HikariCP is a "zero-overhead" production ready JDBC connection pool. At roughly 130Kb, the library is very light. Read about how we do it here. "Simplicity is prerequisite for reliability." -Edsger Dijkstra Java 8 maven artifact (maintenance mode): Java 7 maven artifact (maintenance mode): Java 6 maven artifact (maintenance mode):

<https://github.com/brettwooldridge/HikariCP>

brettwooldridge/
HikariCP

HikariCP • A solid, high-performance, JDBC connection pool at last.

115 Contributors 72k Used by 15k Stars 2k Forks

Let's write some code!

JdbcTemplate

```
@Override
public Optional<Customer> findByName(String name) {
    List<Customer> list = new ArrayList<>();
    try (
        var connection : Connection = dataSource.getConnection();
        var statement : PreparedStatement = connection.prepareStatement( sql: "select * from customers WHERE name = ?");
    ) {
        statement.setString( parameterIndex: 1, name);
        try (var resultSet : ResultSet = statement.executeQuery()) {
            while (resultSet.next()) {
                list.add(mapToCustomer(resultSet));
            }
            return list.stream().findFirst();
        }
    } catch (SQLException e) {
        logger.error("Got error", e);
        throw new RuntimeException(e);
    }
}
```

Let's write some code!

<https://www.baeldung.com/spring-jdbc-jdbctemplate>