스프링 공부 4주차

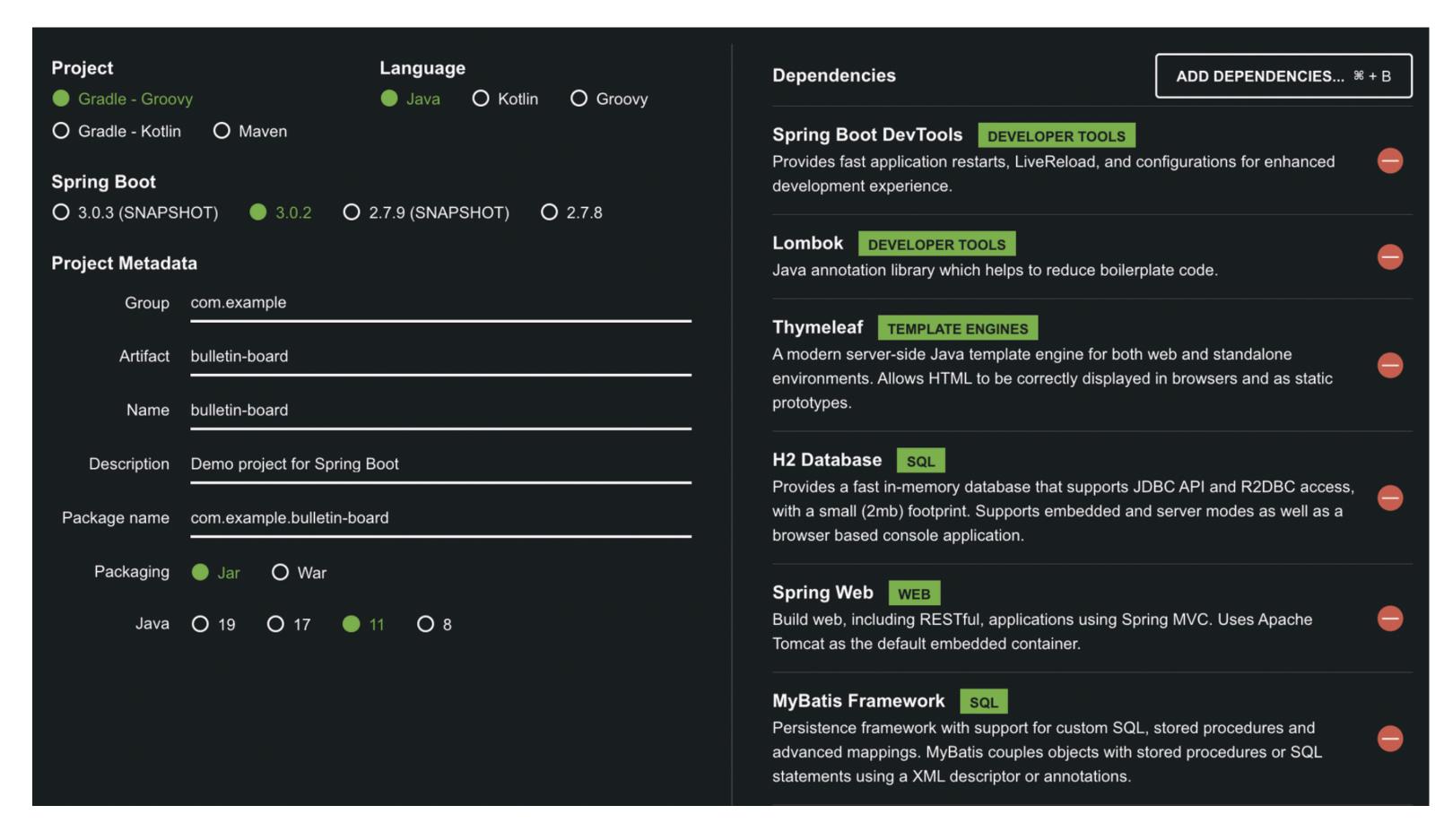
모각소 5차(02.24)

프로젝트세팅

• Spring Initializr 이용

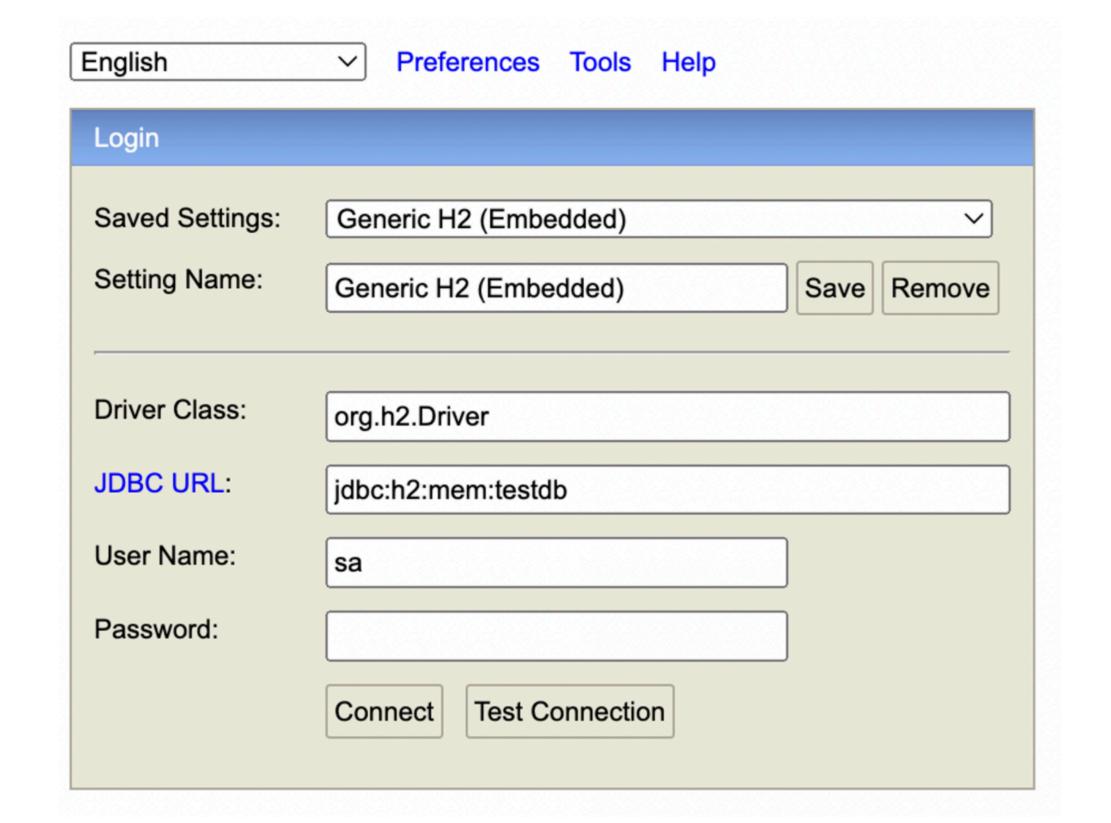
• Dependencise : Spring Boot DevTools, Lombok, Thymeleaf, H2 Database, spring web, mybatis framework 추가

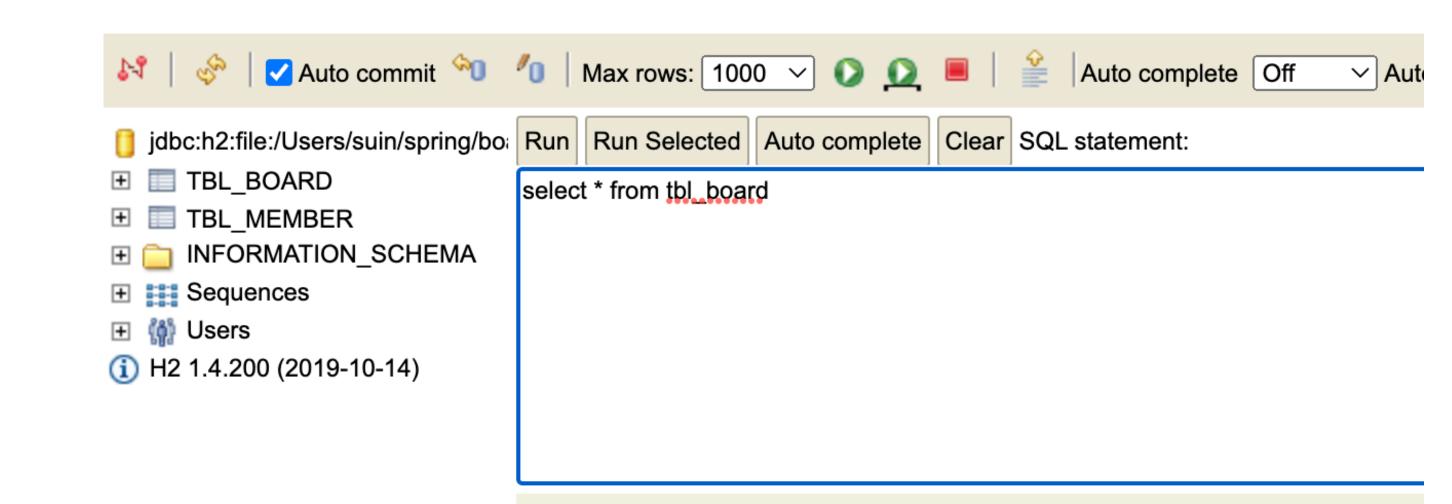
Project : gradle project



프로젝트 세팅

- 데이터베이스 H2DB 이용
 - 인메모리 DB : 서버(Server)모드 & 임베디드 (Embedded)모드 지원
 - 별도 설치 과정 X





select * from tbl_board;

수정

(16 rows, 28 ms)

조회수 테스트 내용

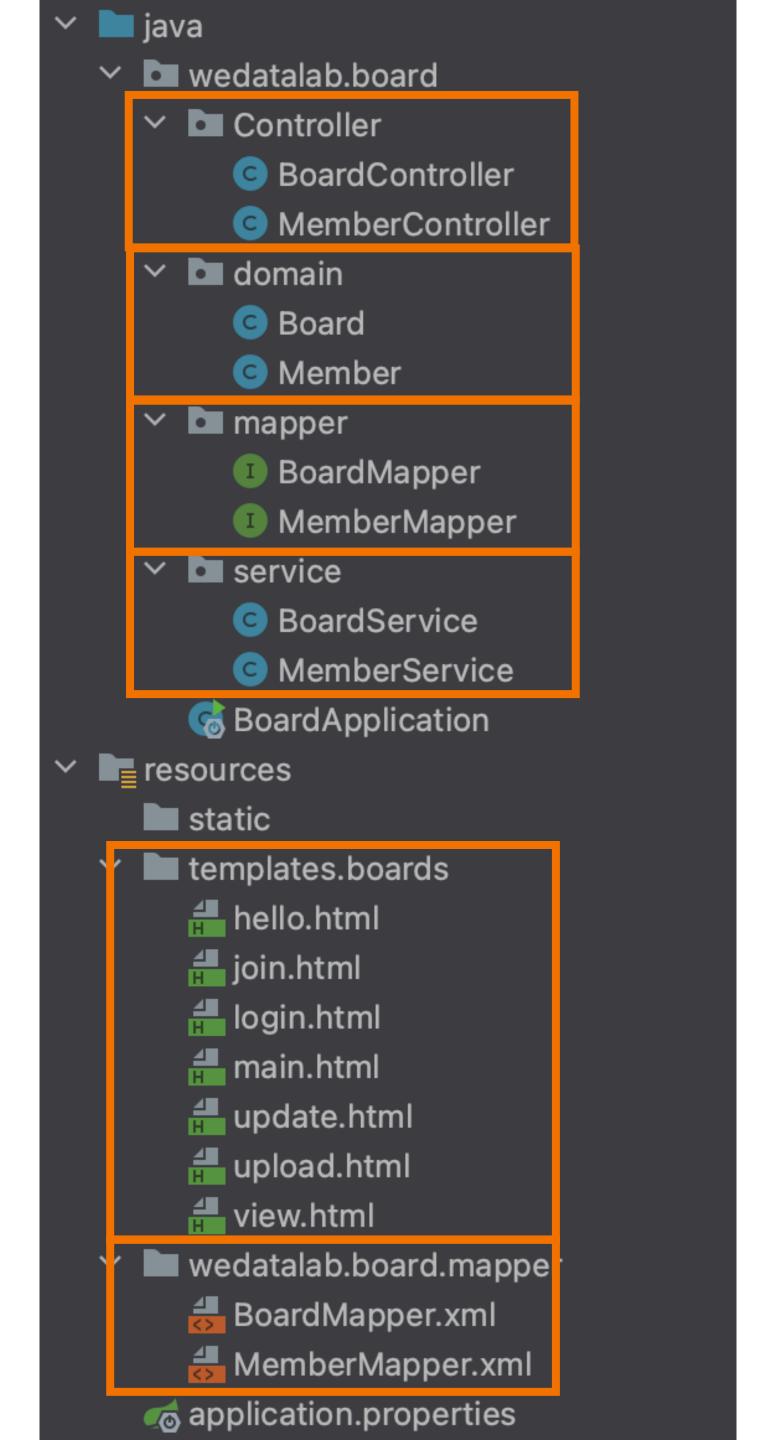
BOARDID	TITLE	CONTENT	NAME	READ
1	제목	내용	이름	0
2	제목2	내용22	이름2	1
3	제목3	내용3	이름3	0
4	제목4	내용4	이름4	0
5	제목1	내용1	이름1	1
6	제목2	내용2	이름2	1
7	제목3	내용3	이름3	0
8	제목4	내용4	이름4	0
9	제목5	내용5	이름5	1
10	제목6	내용6	이름6	0
11	제목7	내용7	이름7	0
12	제목8	내용8	이름8	0
13	제목9	내용9	이름9	0
14	5 5 5	ㅋㅋㅎㅎ	이름10	1

수정 테스트 박수인 0

박수인 2

프로젝트 구조

• bulletin-board/src/main 구조 🖸



데이터베이스구조

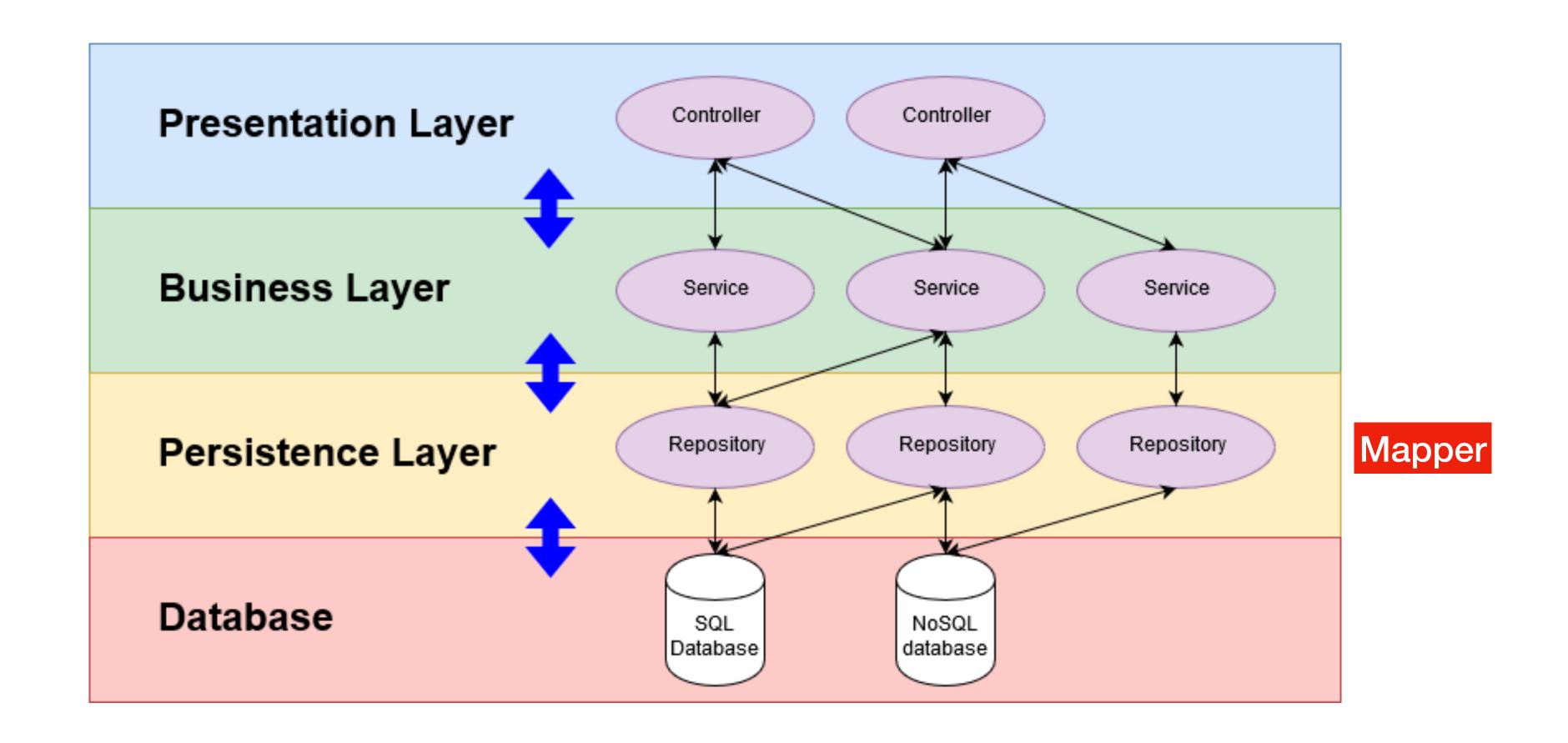
Member

```
@Getter
@Setter
@NoArgsConstructor
@AllArgsConstructor
public class Member {
    no usages
    private Long memberId; PK
    no usages
    private String name;
    no usages
    private String password;
```

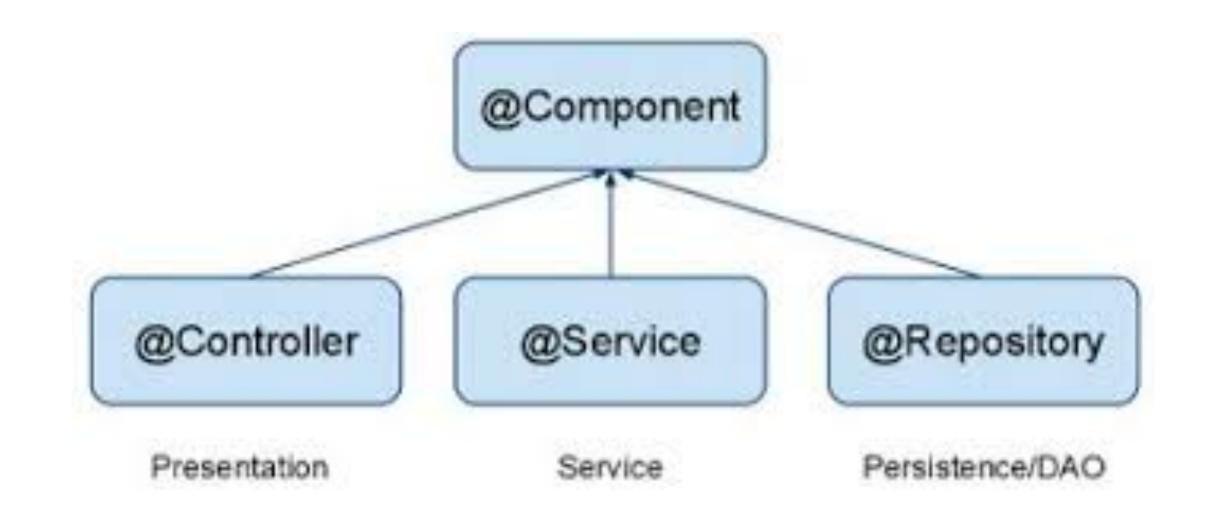
Board

```
@Getter
@Setter
@NoArgsConstructor
@AllArgsConstructor
public class Board {
    no usages
    private Long boardId; PK
    no usages
    private String title;
    no usages
    private String content;
    no usages
    private int read;
    no usages
    private Long memberId; FK
```

데이터 접근 구조

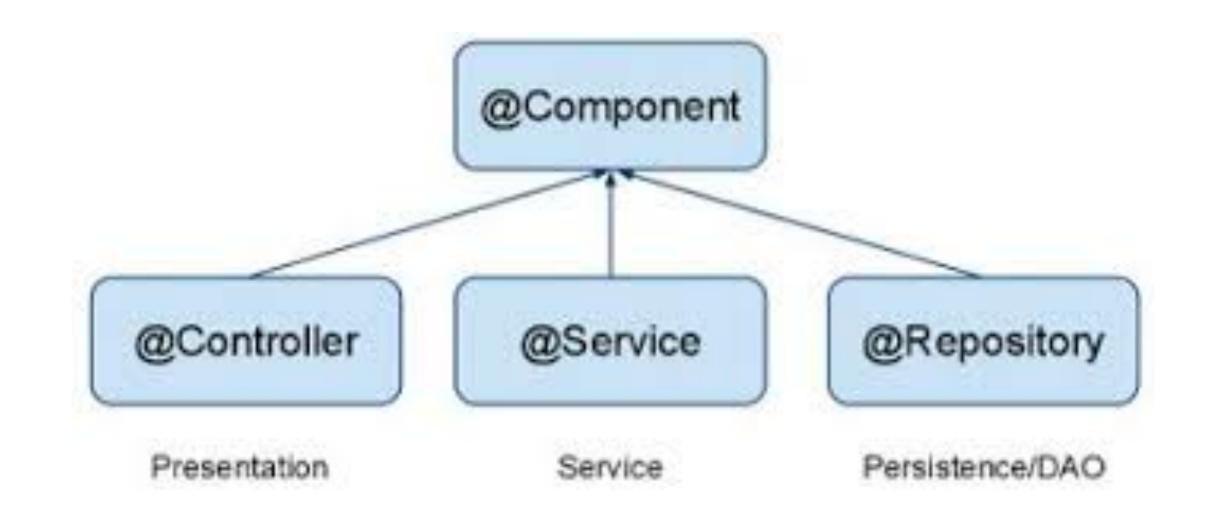


@Component 애노테이션 구조



```
@Repository
@Controller
                                            @Service
                                                                                             public interface BoardMapper {
@RequestMapping(©>"/board/**")
                                            @RequiredArgsConstructor
@RequiredArgsConstructor
                                            @Transactional(readOnly = true)
public class BoardController {
                                                                                                 1 usage new *
                                            public class BoardService {
   9 usages
                                                                                                 int boardCount();
   private final BoardService service;
                                                7 usages
                                                                                                 1 usage 🚨 suin park
   private final BoardMapper boardMapper;
   @GetMapping(©>"/hello")
                                                                                                 Board getBoard(Long boardIo
   public String Hello() { return "/boards/hello"
```

@Component 애노테이션 구조



```
@Repository
@Controller
                                            @Service
                                                                                             public interface BoardMapper {
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                                                                                                 1 usage 🚨 suin park
   private final BoardMapper boardMapper;
   @GetMapping(©>"/hello")
                                                                                                 Board getBoard(Long boardIo
   public String Hello() { return "/boards/hello"
```

Mapper Interface

```
SQL문을 호출
                                                                   BoardMapper.xml 파일
                                                <?xml version="1.0" encoding="UTF-8" ?>
       BoardMapper 인터페이스
                                                                                                                       <u>A</u> 14 ★ 5 ^
                                                <!DOCTYPE mapper PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN" "http://mybatis.org/dtd/myba</pre>
@Repository
                                                <mapper namespace="wedatalab.board.mapper.BoardMapper">
public interface BoardMapper {
                                                    <select id="boardCount" resultType="int">
                                                    SELECT count(boardId) AS cnt FROM tbl_board
    1 usage new *
                                                    </select>
    int boardCount();
                                                    <select id="getBoard" parameterType="Long" resultType="wedatalab.board.domain.Boar</pre>
    1 usage 🚨 suin park
                                                       SELECT
    Board getBoard(Long boardId) /
                                                       FROM tbl_board where boardId=#{boardId};
                                                    </select>
```