

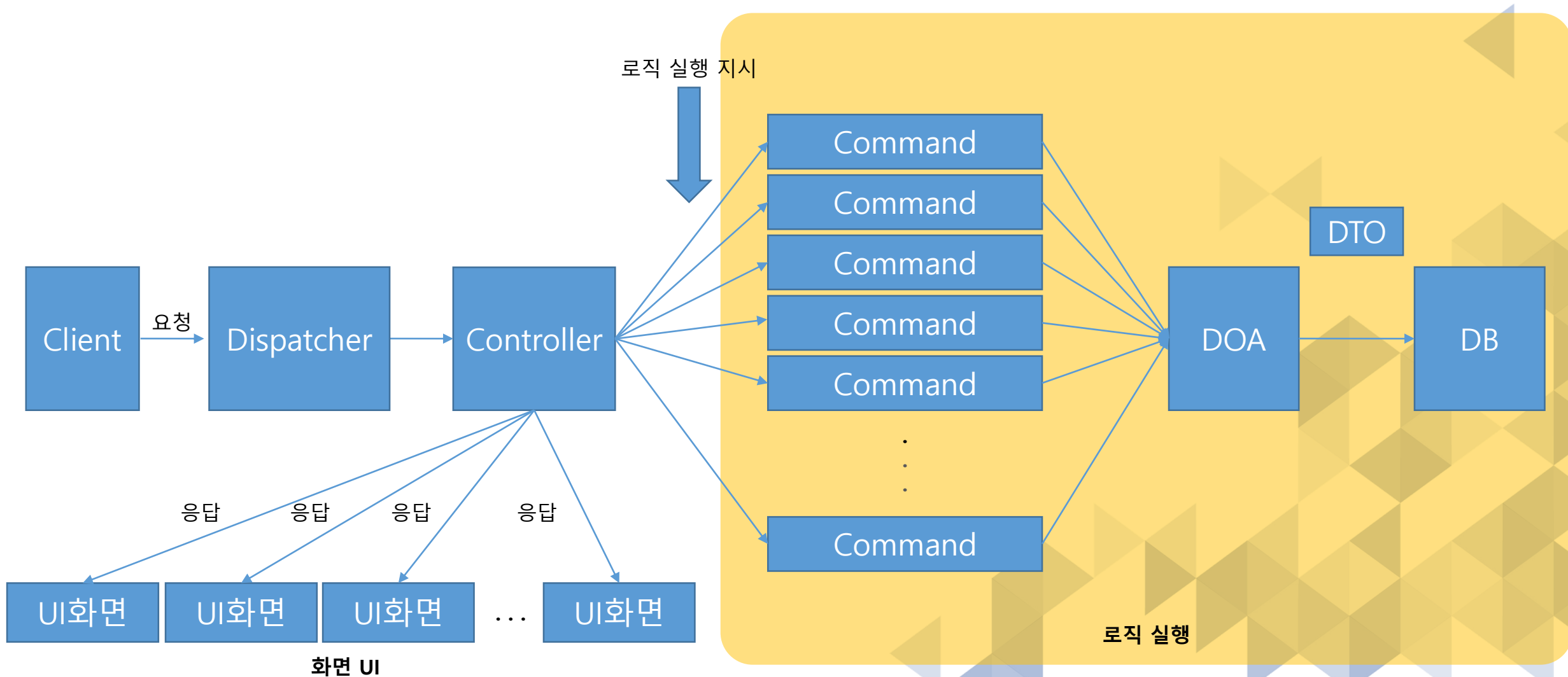
## 16강. 스프링MVC 게시판-I

- 프로젝트 설계
- DataBase 구축
- 프로젝트 생성

Lecturer Kim Myoung-Ho  
Nickname 블스  
blogstudy@naver.com

## 16-1. 프로젝트 설계

프로젝트의 전체적인 설계를 합니다.



## 16-2. DataBase 구축

데이터 베이스를 구축 합니다.

```
create table mvc_board(
  bId    NUMBER(4) PRIMARY KEY,
  bName  VARCHAR2(20),
  bTitle VARCHAR2(100),
  bContent VARCHAR2(300),
  bDate  DATE DEFAULT SYSDATE,
  bHit   NUMBER(4) DEFAULT 0,
  bGroup NUMBER(4),
  bStep  NUMBER(4),
  bIndent NUMBER(4)
);

create sequence mvc_board_seq;
```

The screenshot shows the Oracle SQL Developer interface with the 'MVC\_BOARD' table selected. The table structure is displayed in a grid format with columns: COLUMN\_NAME, DATA\_TYPE, NULLABLE, DATA\_DEFAULT, COLUMN\_ID, and COMMENTS. The table has 9 columns, all of which are nullable and have default values of null, except for the primary key column 'BID' which has a default of 0.

COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
BID	NUMBER(4,0)	No	(null)	1	(null)
BNAME	VARCHAR2(20 BYTE)	Yes	(null)	2	(null)
BTITLE	VARCHAR2(100 BYTE)	Yes	(null)	3	(null)
BCONTENT	VARCHAR2(300 BYTE)	Yes	(null)	4	(null)
BDATE	DATE	Yes	SYSDATE	5	(null)
BHIT	NUMBER(4,0)	Yes	0	6	(null)
BGROUP	NUMBER(4,0)	Yes	(null)	7	(null)
BSTEP	NUMBER(4,0)	Yes	(null)	8	(null)
BINDENT	NUMBER(4,0)	Yes	(null)	9	(null)

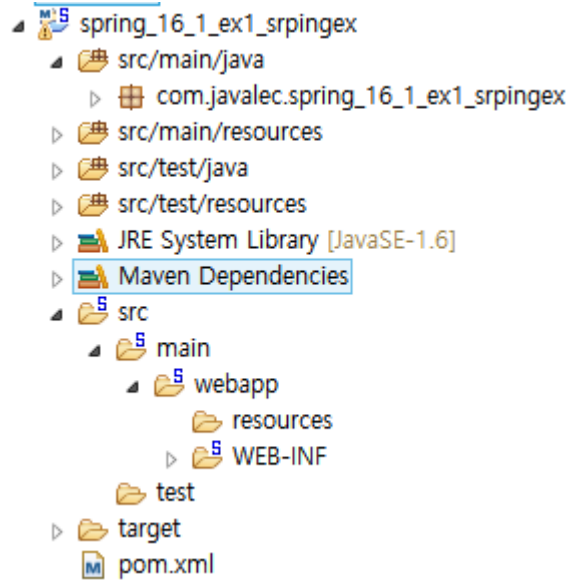
테스트를 위한 Dummy Data 입력

```
insert into mvc_board (bId, bName, bTitle, bContent, bHit, bGroup, bStep, bIndent)
values (mvc_board_seq.nextval, 'abcd', 'is title', 'is content', 0, mvc_board_seq.currval, 0, 0);
```

## 16-3. 프로젝트 생성

이클립스에서 프로젝트를 생성 합니다.

### 프로젝트 생성



### 한글처리 : web.xml

```
<filter>
<filter-name>encodingFilter</filter-name>
<filter-class>org.springframework.web.filter.CharacterEncodingFilter</filter-class>

<init-param>
<param-name>encoding</param-name>
<param-value>UTF-8</param-value>
</init-param>
</filter>

<filter-mapping>
<filter-name>encodingFilter</filter-name>
<url-pattern>/*</url-pattern>
</filter-mapping>
```