# 240604 CRUD대회 복습

## CRUD

| ❶ ID | 제목 | 작성자 | 작성일 | 관리 |
|---|---|---|---|---|
| **CRUD_00003** | ❷ CRUD3번 | 문성진 | ❸ 2024-05-29 | ❹ 삭제 |
| **CRUD_00002** | CRUD2번 | 문성진 | 2024-05-29 | 삭제 |
| **CRUD_00001** | CRUD1번 | 문성진 | 2024-05-29 | 삭제 |

❺ < **1** 2 3 4 … 9 10 >

❻ 글쓰기

삭제하시겠습니까?

확인   취소

# CRUD

| 제목 | **1** 제목을 입력하세요. |
|------|------------------------|
| 작성자 | **2** 작성자를 입력하세요. |
| 내용 | **3** 내용을 입력하세요. |

**4** 등록    **5** 취소

위와같이 만들되 ui 신경 x 기능만

DB

```
CREATE TABLE LETCRUD
(
CRUD_ID              CHAR(10) NOT NULL,
CRUD_SJ              VARCHAR(100) NULL,
CRUD_CN              TEXT NULL,
USER_NM              VARCHAR(20) NULL,
FRST_REGIST_PNTTM    DATETIME NULL
);
```

```sql
ALTER TABLE LETCRUD
ADD PRIMARY KEY (CRUD_ID);

ALTER TABLE LETCRUD COMMENT = 'CRUD테이블';

    ALTER TABLE LETCRUD CHANGE COLUMN CRUD_ID CRUD_ID CHAR(10
    ALTER TABLE LETCRUD CHANGE COLUMN CRUD_SJ CRUD_SJ VARCHAR
    ALTER TABLE LETCRUD CHANGE COLUMN CRUD_CN CRUD_CN TEXT NU
    ALTER TABLE LETCRUD CHANGE COLUMN USER_NM USER_NM VARCHAR
    ALTER TABLE LETCRUD CHANGE COLUMN FRST_REGIST_PNTTM FRST_


INSERT INTO IDS (
    TABLE_NAME
    , NEXT_ID
) VALUES ('CRUD_ID', 1);
```

context-idgen

```xml
<!-- CRUD START -->
<bean name="egovCrudIdGnrService" class="org.egovframe.rte.fdl.idgnr.impl.EgovTableIdGnrServiceImpl" dest
    <property name="dataSource" ref="egov.dataSource" />
    <property name="strategy" ref="crudStrategy" />
    <property name="blockSize" value="10" />
    <property name="table" value="IDS" />
    <property name="tableName" value="CRUD_ID" />
</bean>

<bean name="crudStrategy" class="org.egovframe.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
    <property name="prefix" value="CRUD_" />
    <property name="cipers" value="5" />
    <property name="fillChar" value="0" />
</bean>
<!-- CRUD END -->
```
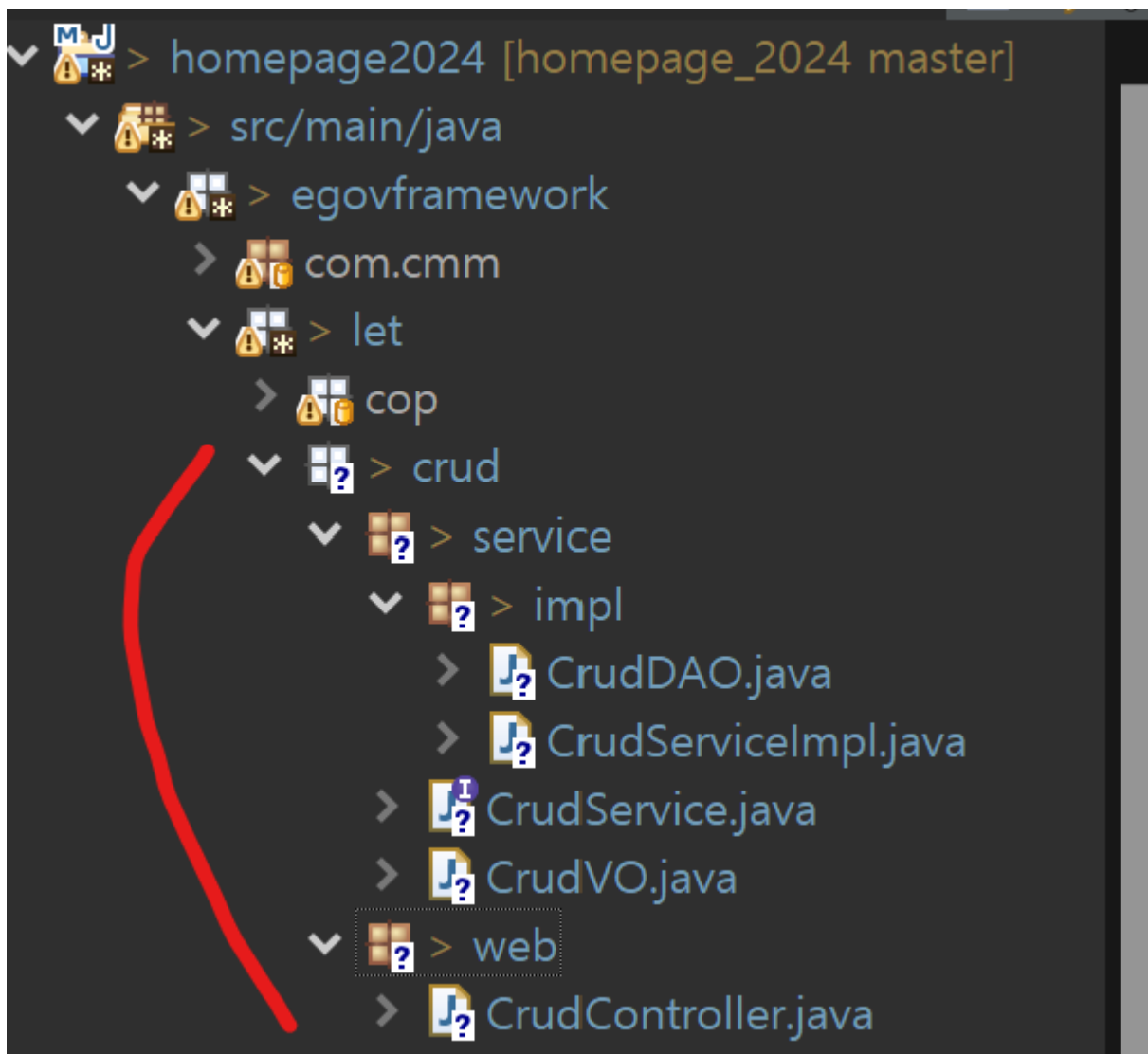
```xml
<!-- CRUD START -->
<bean name="egovCrudIdGnrService" class="org.egovframe.rt
    <property name="dataSource" ref="egov.dataSource" />
    <property name="strategy" ref="crudStrategy" />
    <property name="blockSize" value="10" />
    <property name="table" value="IDS" />
    <property name="tableName" value="CRUD_ID" />
</bean>
```
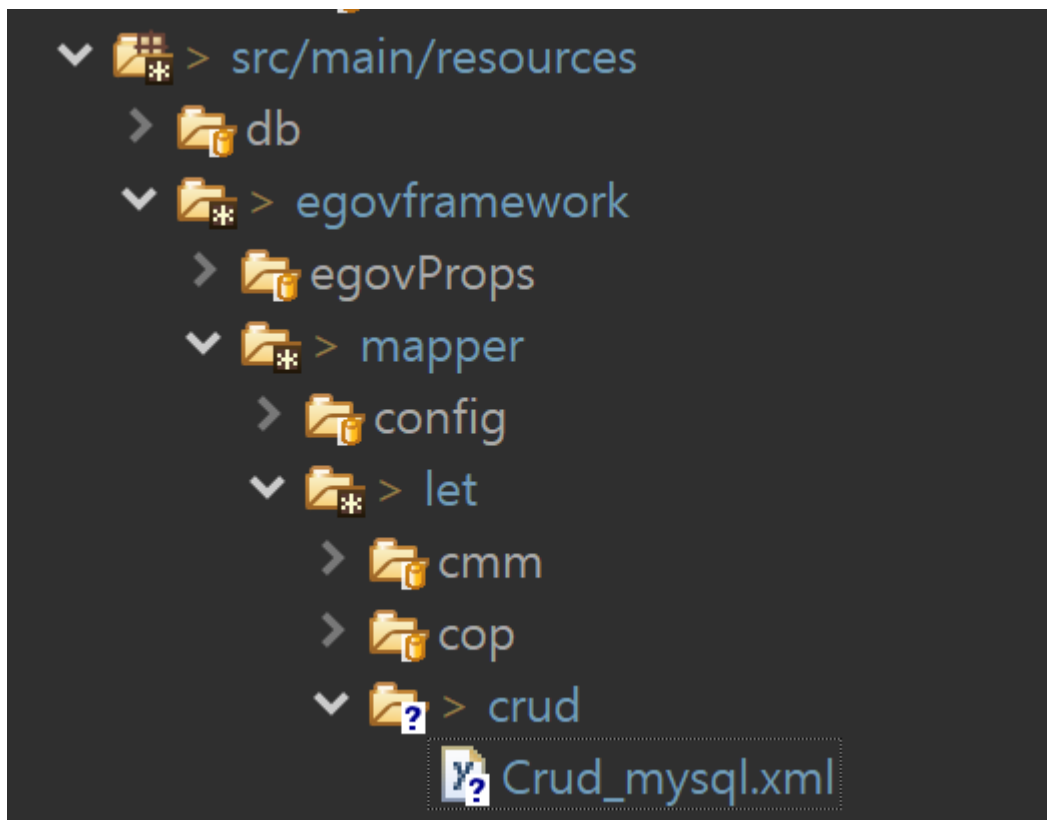
```
<bean name="crudStrategy" class="org.egovframe.rte.fdl.id
    <property name="prefix" value="CRUD_" />
    <property name="cipers" value="5" />
    <property name="fillChar" value="0" />
</bean>
<!-- CRUD END -->
```
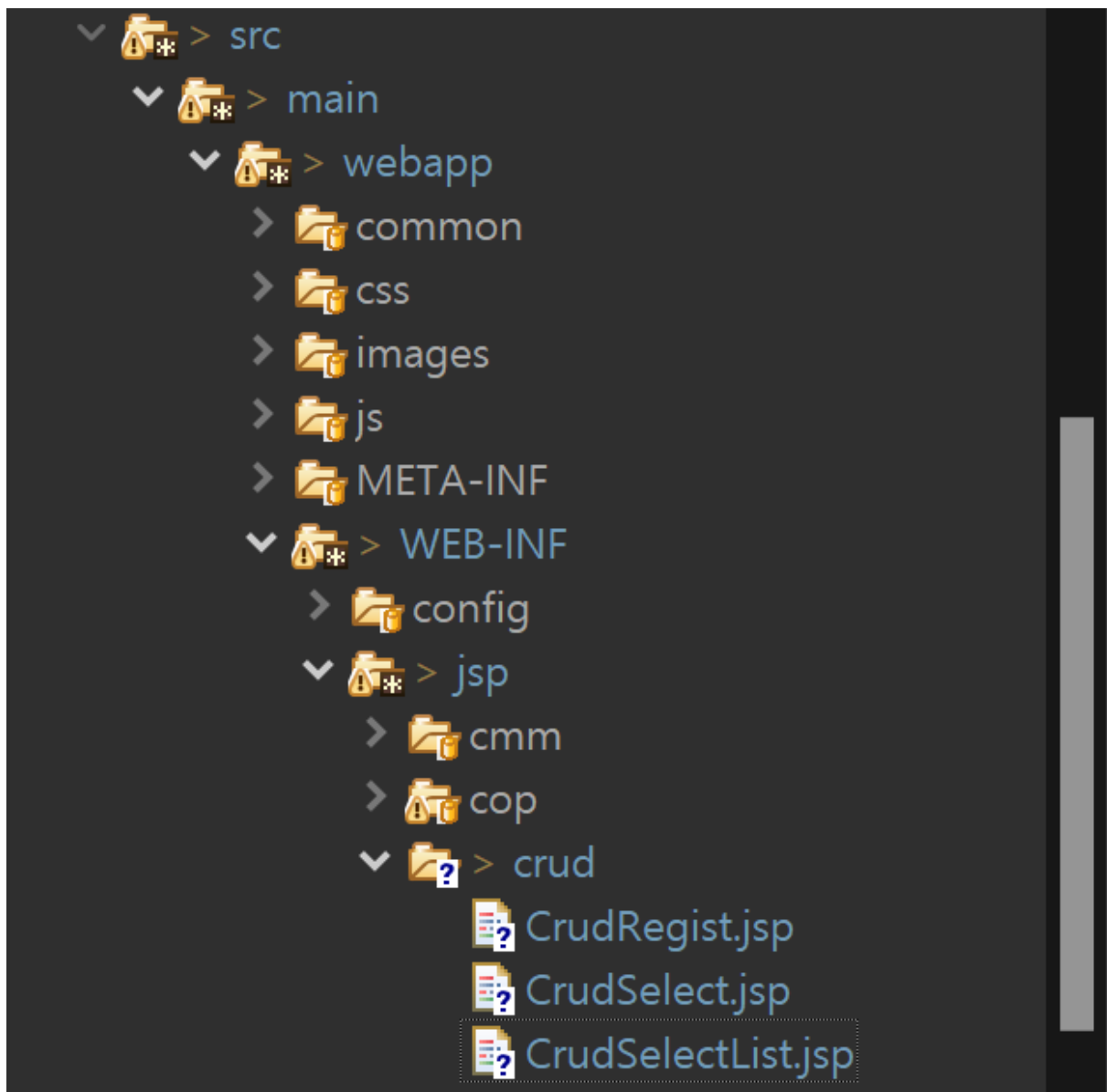
crud 구조만들기



mapper 만들기

jsp 만들기

CrudVO

```
package egovframework.let.crud.service;

import java.io.Serializable;

import egovframework.com.cmm.ComDefaultVO;

public class CrudVO extends ComDefaultVO implements Serializa

    private String crudId;
```

```java
        private String crudSj;
        private String crudCn;
        private String userNm;
        private String frstRegistPnttm;

        public String getCrudId() {
            return crudId;
        }
        public void setCrudId(String crudId) {
            this.crudId = crudId;
        }
        public String getCrudSj() {
            return crudSj;
        }
        public void setCrudSj(String crudSj) {
            this.crudSj = crudSj;
        }
        public String getCrudCn() {
            return crudCn;
        }
        public void setCrudCn(String crudCn) {
            this.crudCn = crudCn;
        }
        public String getUserNm() {
            return userNm;
        }
        public void setUserNm(String userNm) {
            this.userNm = userNm;
        }
        public String getFrstRegistPnttm() {
            return frstRegistPnttm;
        }
        public void setFrstRegistPnttm(String frstRegistPnttm) {
            this.frstRegistPnttm = frstRegistPnttm;
        }

    }
```

## Crud_mysql.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE mapper PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN"
"http://mybatis.org/dtd/mybatis-3-mapper.dtd">
<mapper namespace="crudDAO">

    <resultMap type="egovframework.let.crud.service.CrudVO" i
        <result property="crudId" column="CRUD_ID" />
        <result property="crudSj" column="CRUD_SJ" />
        <result property="crudCn" column="CRUD_CN" />
        <result property="userNm" column="USER_NM" />
        <result property="frstRegistPnttm" column="FRST_REGIS
    </resultMap>

    <select id="crudDAO.selectCrudList" resultType="egovMap">
        SELECT
            CRUD_ID
            , CRUD_SJ
            , USER_NM
            , FRST_REGIST_PNTTM
        FROM letcrud
        ORDER BY CRUD_ID DESC
        LIMIT #{recordCountPerPage} OFFSET #{firstIndex}
    </select>

    <select id="crudDAO.selectCrudListCnt" resultType="java.l
        SELECT
            COUNT(*) CNT
        FROM letcrud
    </select>

    <select id="crudDAO.selectCrud" resultType="egovframework
        SELECT
            CRUD_ID
            , CRUD_SJ
            , CRUD_CN
```

```xml
            , USER_NM
            , FRST_REGIST_PNTTM
        FROM letcrud
            WHERE CRUD_ID = #{crudId}
    </select>

    <insert id="crudDAO.insertCrud" parameterType="egovframew
        INSERT INTO letcrud (
            CRUD_ID
            , CRUD_SJ
            , CRUD_CN
            , USER_NM
            , FRST_REGIST_PNTTM
        )VALUES (
            #{crudId}
            , #{crudSj}
            , #{crudCn}
            , #{userNm}
            , NOW()
        )
    </insert>

    <update id="crudDAO.updateCrud" parameterType="egovframew
        UPDATE letcrud SET
            CRUD_SJ = #{crudSj}
            , CRUD_CN = #{crudCn}
            , USER_NM = #{userNm}
            , FRST_REGIST_PNTTM = NOW()
        WHERE CRUD_ID = #{crudId}
    </update>

    <delete id="crudDAO.deleteCrud" parameterType="egovframew
        DELETE FROM letcrud
        WHERE CRUD_ID = #{crudId}
    </delete>


</mapper>
```

CrudDAO

```java
package egovframework.let.crud.service.impl;

import java.util.List;

import org.egovframe.rte.psl.dataaccess.EgovAbstractMapper;
import org.egovframe.rte.psl.dataaccess.util.EgovMap;
import org.springframework.stereotype.Repository;

import egovframework.let.crud.service.CrudVO;

@Repository("crudDAO")
public class CrudDAO extends EgovAbstractMapper{

    //임시데이터 가져오기
    public CrudVO selectCrud(CrudVO vo) throws Exception {
        return selectOne("crudDAO.selectCrud", vo);
    }

    //임시데이터 목록 가져오기
    public List<EgovMap> selectCrudList(CrudVO vo) throws Exc
        return selectList("crudDAO.selectCrudList", vo);
    }

    //임시데이터 등록
    public void insertCrud(CrudVO vo) throws Exception {
        insert("crudDAO.insertCrud", vo);
    }

    //임시데이터 수정
    public void updateCrud(CrudVO vo) throws Exception {
        update("crudDAO.insertCrud", vo);
    }

    //임시데이터 삭제
    public void deleteCrud(CrudVO vo) throws Exception {
```

```
        delete("crudDAO.deleteCrud",vo);
    }


    //임시데이터 목록 수
    public int selectCrudListCnt(CrudVO vo) throws Exception
        return selectOne("crudDAO.selectCrudListCnt", vo);
    }

}
```

CrudServiceImpl

```java
    @Resource(name = "egovTempIdGnrService")
    private EgovIdGnrService idgenService;
```

idgen에서 설정해놓은 name으로 사용해야함.(아래와 같이)

```xml
<!-- CRUD START -->
<bean name="egovCrudIdGnrService" class="org.e
    <property name="dataSource" ref="egov.data
    <property name="strategy" ref="crudStrateg
    <property name="blockSize" value="10" />
    <property name="table" value="IDS" />
    <property name="tableName" value="CRUD_ID"
</bean>
```

```java
    @Resource(name = "egovCrudIdGnrService")
    private EgovIdGnrService idgenService;
```

```java
package egovframework.let.crud.service.impl;

import java.util.List;

import javax.annotation.Resource;

import org.egovframe.rte.fdl.cmmn.EgovAbstractServiceImpl;
import org.egovframe.rte.fdl.idgnr.EgovIdGnrService;
import org.egovframe.rte.psl.dataaccess.util.EgovMap;
import org.springframework.stereotype.Service;

import egovframework.let.crud.service.CrudService;
import egovframework.let.crud.service.CrudVO;

@Service("crudService")
public class CrudServiceImpl extends EgovAbstractServiceImpl

    @Resource(name = "crudDAO")
    private CrudDAO crudDAO;

    @Resource(name = "egovCrudIdGnrService")
    private EgovIdGnrService idgenService;


    //임시데이터 목록 가져오기
    public List<EgovMap> selectCrudList(CrudVO vo) throws Exc
        return crudDAO.selectCrudList(vo);
    }

    //임시데이터 목록 수
    public int selectCrudListCnt(CrudVO vo) throws Exception
        return crudDAO.selectCrudListCnt(vo);
    }

    //임시데이터 상세
    public CrudVO selectCrud(CrudVO vo) throws Exception {
        return crudDAO.selectCrud(vo);
    }
```

```java
    //임시데이터 등록하기
    public String insertCrud(CrudVO vo) throws Exception {
        String id = idgenService.getNextStringId();
        vo.setCrudId(id);
        crudDAO.insertCrud(vo);

        return id;
    }

    //임시데이터 수정하기
    public void updateCrud(CrudVO vo) throws Exception {
        crudDAO.updateCrud(vo);
    }

    //임시데이터 삭제하기
    public void deleteCrud(CrudVO vo) throws Exception {
        crudDAO.deleteCrud(vo);
    }
}
```

CrudService

```java
package egovframework.let.crud.service;

import java.util.List;

import org.egovframe.rte.psl.dataaccess.util.EgovMap;

public interface CrudService {

    //임시데이터 가져오기
    public CrudVO selectCrud(CrudVO vo) throws Exception;

    //임시데이터 등록하기
    public String insertCrud(CrudVO vo) throws Exception;
```

```java
    //임시데이터 목록 가져오기
    public List<EgovMap> selectCrudList(CrudVO vo) throws Exc

    //임시데이터 목록 수
    public int selectCrudListCnt(CrudVO vo) throws Exception;

    //임시데이터 수정하기
    public void updateCrud(CrudVO vo) throws Exception;

    //임시데이터 삭제하기
    public void deleteCrud(CrudVO vo) throws Exception;

}
```