**1. 스프링 설정 (Spring Legacy)**

Pom.xml (add dependencies)

log4j

org.springframework (context, jdbc, webmvc) //스프링 프레임워크

org.mybatis //Data Access 층에서 Mybatis를 이용하기 위한 dependency

org.apache.tomcat //Tomcat 서버를 이용하기 위한 dependency

commons-io(io, fileupload) //Controller에서 multypartfile 이용하기 위한 dependency

com.google.code.geocoder-java //Google map API를 이용하기 위한 dependency

org.apache.maven.plugins //메이븐 중앙 저장소에서 로컬 저장소로 등록 dependency

com.fasterxml.jackson.core (core, annotation, databind)

//Controller의 @responsebody가 Json을 반환하기 위한 dependency

application-Config (data Source, session Factory, dao, service DI)

mvc-Config (multipart resolver, location mapping)

mybatis-Config (domain alias)

**2. 요구사항과 화면정의로부터 도메인과 데이터흐름을 추출**

-> Domain과 Mapper 작성

Domain

private int d\_no;

private int m\_no; //글쓴이 p.k.

private String d\_title;

private String d\_content;

private Date d\_date;

private int d\_groupno;

private int d\_step;

private String d\_filter; //댓글의 분류(tasty, hoogi, recipe)

//default constructor

//insert constructor

//update constructor

//search constructor

//count constructor

//의존성 주입 D.I.을 위한 getter와 setter

Mapper

<select id=*"selectList"*

parameterType=*"ListResultBean\_filter"*

resultType=*"Datgle"*> //페이징 select<![CDATA[

select \* from

(select rownum idx, d.\* from

(select \* from

datgle where d\_filter=#{d\_filter} and d\_groupno=#{d\_groupno} order by d\_date desc, d\_no desc

) d

)

where idx>=#{startRowNum} and idx<=#{endRowNum}

</select>

<select id=*"selectByFilterTitle"*

parameterType=*"Datgle"*

resultType=*"Datgle"*> //검색 기능 select<!

select \* from datgle where d\_filter=#{d\_filter} and d\_title like '%'||#{d\_title}||'%'

</select>

--기타 select, insert, delete, update 등 생략

**3. mapper -> dao, dao -> service, service->controller**

@Controller

**public** **class** DatgleListJsontController {

@Autowired

DatgleService datgleService;

@Autowired

MemberService memberService;

@RequestMapping("/datgleListJson")

**public** @ResponseBody Map datgleListJson(@ModelAttribute ListPageConfigBean\_filter config) **throws** Exception{

List<Datgle> list = datgleService.selectList(config).getList();

Map<Integer,Map> map = **new** HashMap<Integer,Map>();

**for** (**int** i=0;i<list.size();i++) {

Map<String,Object> map\_map = **new** HashMap<String,Object>();

map\_map.put("d\_no",list.get(i).getD\_no());

map\_map.put("d\_content",list.get(i).getD\_content());

map\_map.put("d\_date",list.get(i).getD\_date());

map\_map.put("m\_name",memberService.selectMemberMyNo

(list.get(i).getM\_no()).getM\_name());

map\_map.put("m\_id",memberService.selectMemberMyNo

(list.get(i).getM\_no()).getM\_id());

map.put(i, map\_map);

}

Map<String,Object> map\_map = **new** HashMap<String,Object>();

map\_map.put("isShowFirst", datgleService.selectList(config).isShowFirst());

map\_map.put("isShowPreviousGroup", datgleService.selectList(config).isShowPreviousGroup());

map\_map.put("PreviousGroupStartPageNo", datgleService.selectList(config).getPreviousGroupStartPageNo());

map\_map.put("StartPageNo", datgleService.selectList(config).getStartPageNo());

map\_map.put("EndPageNo", datgleService.selectList(config).getEndPageNo());

map\_map.put("SelectPageNo", datgleService.selectList(config).getSelectPageNo());

map\_map.put("isShowNext", datgleService.selectList(config).isShowNext());

map\_map.put("isShowNextGroup", datgleService.selectList(config).isShowNextGroup());

map\_map.put("NextGroupStartPageNo", datgleService.selectList(config).getNextGroupStartPageNo());

map\_map.put("TotalPageCount", datgleService.selectList(config).getTotalPageCount());

map.put(9999, map\_map);

**return** map;

}

}

댓글들의 내용을 넣는데 키 값이 중복되면 데이터 전달이 안되므로 이중 맵을 사용,

키9999번에는 페이징에 관련 된 정보를 넣음

--기타 select, insert, delete, update 등 생략

**4. controller -> HoogiView**

<script type=*"text/javascript"* src=*'assets/js/httpRequest.js'*></script>

<script type=*"text/javascript"*>

**function** getdatgleList(page) {

document.getElementById('datgleList').innerHTML = '';

document.getElementById('datglePage').innerHTML = '';

//alert(page);

**var** pageCountPerPage = 5;

**var** rowCountPerPage = 10;

**var** d\_filter = "recipe";

**var** selectPage = page + "";

**var** d\_groupno = commentform.d\_groupno.value;

**var** params = "pageCountPerPage=" + pageCountPerPage

+ "&rowCountPerPage=" + rowCountPerPage + "&d\_filter="

+ d\_filter + "&selectPage=" + selectPage + "" + "&d\_groupno="

+ d\_groupno;

sendRequest('datgleListJson', params, datgleListDisplay, 'POST');

}

**function** datgleListDisplay() {

**if** (xhr.readyState == 4) {

**var** datgleListJSONText = xhr.responseText;

**var** datgleListJSONObject = JSON.parse(datgleListJSONText);

//alert(datgleListJSONText);

/\* 이중 맵

{

"0": {

"m\_no": "1",

"m\_name": "회원3",

"d\_date": "2017-08-17",

"d\_content": "서비스가 좋네요"

},

"1": {

"m\_name": "회원1",

"d\_date": "2017-08-17",

"d\_content": "짬뽕 국물이 맛있는 곳"

},

}

\*/

//자바스크립트 오브젝트 length 구하는 법

**var** length = Object.keys(datgleListJSONObject).length;

**if** (length == 1) {

**return**;

}

**var** html = "<ul>";

**for** (**var** i = 0; i < length - 1; i++) { //마지막 9999:resultbean은 빼줌

html += "<li>작성자: "

+ datgleListJSONObject[i].m\_name

+ " 　　　내용: "

+ datgleListJSONObject[i].d\_content

+ " 　　　작성일: "

+ datgleListJSONObject[i].d\_date;

**if**(document.commentform.sId.value==datgleListJSONObject[i].m\_id){

html += "<input align=\"middle\" name=\"delete\" type=\"image\" src=\"assets/img/remove.png\" width=\"37\" height=\"37\" id=\"delete\" class=\"delete\" value=\"delete\" onClick='datgleDelete("

+ datgleListJSONObject[i].d\_no + ");'>"

+ "<input align=\"middle\" name=\"update\" type=\"image\" src=\"assets/img/modify.png\" width=\"37\" height=\"37\" id=\"update\" class=\"update\" value=\"update\" onClick='datgleUpdateForm("

+ datgleListJSONObject[i].d\_no + ");'>";

}

html += "</li>";

}

html += "</ul>";

document.getElementById('datgleList').innerHTML = html;

**var** page = "<div class=\"col-md-12 pagination\"><div class=\"col-md-12\">";

**if** (datgleListJSONObject[9999].isShowFirst) {

page += "<a href=\"#;\"onClick='getdatgleList(1);'>first</a>&nbsp;";

}

**if** (datgleListJSONObject[9999].isShowPreviousGroup) {

page += "<a href=\"#;\" onClick='getdatgleList("

+ datgleListJSONObject[9999].PreviousGroupStartPageNo+ ");'>◀</a>";

}

**for** (i = datgleListJSONObject[9999].StartPageNo; i <= datgleListJSONObject[9999].EndPageNo; i++) {

page += "<a href=\"#;\" onClick='getdatgleList(" + i + ");'>"

+ i + "</a>" + "</font>";

}

**if** (datgleListJSONObject[9999].isShowNextGroup) {

page += "<a href=\"#;\" onClick='getdatgleList("

+datgleListJSONObject[9999].NextGroupStartPageNo+ ");'>▶</a>";

}

**if** (datgleListJSONObject[9999].isShowLast) {

page += "<a href=\"#;\" onClick='getdatgleList("

+datgleListJSONObject[9999].TotalPageCount+ ");'>last</a>&nbsp;";

}

page += "</div></div>";

document.getElementById('datglePage').innerHTML = page;

/\* showNewsDiv(); \*/

}

}

**function** datgleInsertForm() {

document.getElementById('datgleList').innerHTML = '';

document.getElementById('datglePage').innerHTML = '';

document.commentform.comment.value='';

document.getElementById('submit').value="Submit";

document.commentform.d\_no.value = 0;

}

**function** datgleUpdateForm(d\_no) {

document.getElementById('datgleList').innerHTML = '';

document.getElementById('datglePage').innerHTML = '';

document.commentform.comment.value='';

document.getElementById('submit').value="update";

document.commentform.d\_no.value = d\_no;

}

**function** datgleInsert() {

**var** d\_no = document.commentform.d\_no.value;

**var** d\_title = document.commentform.d\_title.value;

**var** d\_comment = document.commentform.comment.value;

**var** d\_groupno = document.commentform.d\_groupno.value;

**var** d\_step = document.commentform.d\_step.value;

**var** d\_filter = document.commentform.d\_filter.value;

//댓글 글자수 제한

**if** (d\_comment.length >= 20) {

alert("댓글은 20글자 내외로 작성이 가능합니다.");

**return**;

}

**var** params = "d\_no=" + d\_no + "&d\_title=" + d\_title + "&d\_content=" + d\_comment

+ "&d\_groupno=" + d\_groupno + "&d\_step=" + d\_step

+ "&d\_filter=" + d\_filter;

**if**(document.getElementById('submit').value=="update"){

sendRequest('datgleUpdate', params, **null**, 'POST');

datgleInsertForm();

getdatgleList(1);

}**else** **if**(document.getElementById('submit').value=="Submit"){

sendRequest('datgleInsert', params, **null**, 'POST');

datgleInsertForm();

getdatgleList(1);

}

}

**function** datgleDelete(d\_no) {

**var** params = "d\_no=" + d\_no;

document.getElementById('datgleList').innerHTML = '';

sendRequest('datgleDelete', params, **null**, 'POST');

getdatgleList(1);

}

window.onload = **function**() {

getdatgleList(1);

};

</script>