

# Spring Mini Project 3

## Spring Mini Project[A Glory]

### ▼ Main[글 상세보기]

#### pom.xml 설정

[Home](#) » [com.fasterxml.jackson.core](#) » [jackson-databind](#) » 2.14.2



#### Jackson Databind » 2.14.2

General data-binding functionality for Jackson: works on core streaming API

License	Apache 2.0
Categories	JSON Libraries
Tags	format binding json jackson
HomePage	<a href="https://github.com/FasterXML/jackson">https://github.com/FasterXML/jackson</a>
Date	Jan 29, 2023
Files	<a href="#">pom (19 KB)</a> <a href="#">bundle (1.5 MB)</a> <a href="#">View All</a>
Repositories	Central
Ranking	#8 in MvnRepository (See Top Artifacts) #1 in JSON Libraries
Used By	25,453 artifacts

**Note:** There is a new version for this artifact

New Version	2.15.0-rc1
-------------	------------

```
<!-- https://mvnrepository.com/artifact/com.fasterxml.jackson.core/jackson-databind -->
<dependency>
  <groupId>com.fasterxml.jackson.core</groupId>
  <artifactId>jackson-databind</artifactId>
  <version>2.14.2</version>
</dependency>
```

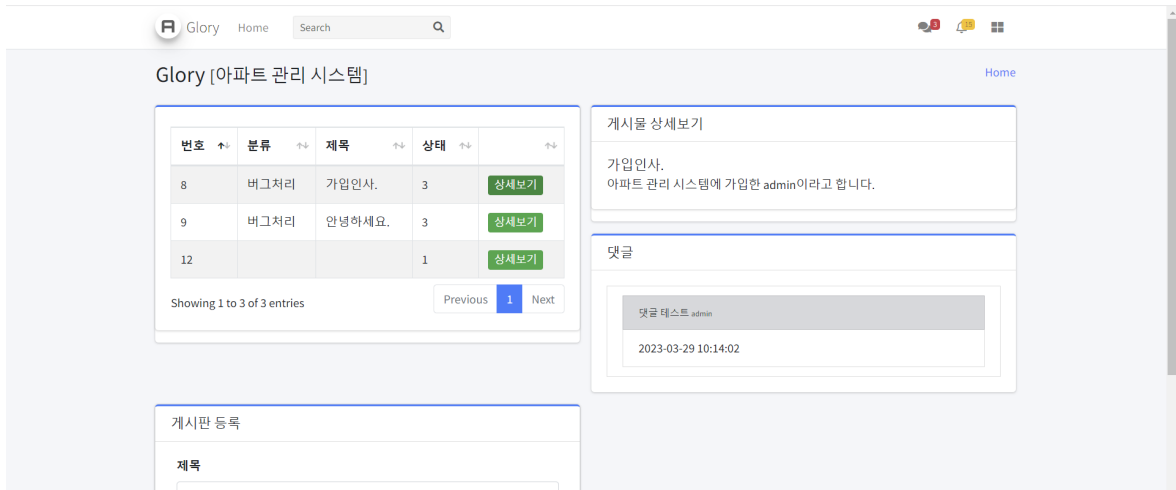
#### MainController.java

```
@PostMapping("/ajaxDetail")
public @ResponseBody List<Board> requestReplyByIdAjax(@RequestParam("bid") String bid, @ModelAttribute Board board) {

    List<Board> list = boardService.getReplyById(bid);

    return list;
}
```

#### main.jsp



```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<!DOCTYPE html>

<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>Glory</title>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">

<link rel="stylesheet" href="/resources/admin/plugins/fontawesome-free/css/all.min.css">

<link rel="stylesheet" href="/resources/admin/dist/css/adminlte.min.css?v=3.2.0">

<link rel="stylesheet"
    href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">
<link rel="stylesheet"
    href="/resources/admin/plugins/fontawesome-free/css/all.min.css">
<link rel="stylesheet"
    href="/resources/admin/plugins/datatables-bs4/css/dataTables.bootstrap4.min.css">
<link rel="stylesheet"
    href="/resources/admin/plugins/datatables-responsive/css/responsive.bootstrap4.min.css">
<link rel="stylesheet"
    href="/resources/admin/plugins/datatables-buttons/css/buttons.bootstrap4.min.css">
<link rel="stylesheet"
    href="/resources/admin/dist/css/adminlte.min.css?v=3.2.0">

<script src="https://code.jquery.com/jquery-3.6.3.min.js"
    integrity="sha256-pvPw+upLPUjgMX0G+800xUf+/Im1MZjXxxg0cBQBxU="
    crossorigin="anonymous"></script>

<body class="hold-transition layout-top-nav">
<div class="wrapper">

<nav class="main-header navbar navbar-expand-md navbar-light navbar-white">
<div class="container">
<a href="/resources/admin/index3.html" class="navbar-brand">

<span class="brand-text font-weight-light">Glory</span>
</a>
<button class="navbar-toggler order-1" type="button" data-toggle="collapse" data-target="#navbarCollapse" aria-controls="navbarCollapse" aria-expanded="false" data-keyboard="true">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse order-3" id="navbarCollapse">

<ul class="navbar-nav">
<li class="nav-item">
<a href="/main" class="nav-link">Home</a>
</li>

<sec:authorize access="hasRole('ROLE_ADMIN')">
```

```

        <li class="nav-item">
            <a href="/admin" class="nav-link">관리메뉴</a>
        </li>
        <li class="nav-item dropdown">
            <button class="btn btn-dark dropdown-toggle"
                data-bs-toggle="dropdown" aria-expanded="false">관리자메뉴</button>
            <ul class="dropdown-menu dropdown-menu-dark">
                <li><a class="dropdown-item" href="/users/list">회원목록</a></li>
                <li><a class="dropdown-item" href="/cars/add">제품등록</a></li>
                <li><a class="dropdown-item" href="/cars/product">제품관리</a></li>
            </ul>
        </li>
    </sec:authorize>

</ul>

<form class="form-inline ml-0 ml-md-3">
<div class="input-group input-group-sm">
<input class="form-control form-control-navbar" type="search" placeholder="Search" aria-label="Search">
<div class="input-group-append">
<button class="btn btn-navbar" type="submit">
<i class="fas fa-search"></i>
</button>
</div>
</div>
</form>
</div>

<ul class="order-1 order-md-3 navbar-nav navbar-no-expand ml-auto">

<li class="nav-item dropdown">
<a class="nav-link" data-toggle="dropdown" href="#">
<i class="fas fa-comments"></i>
<span class="badge badge-danger navbar-badge">3</span>
</a>
<div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
<a href="#" class="dropdown-item">

<div class="media">

<div class="media-body">
<h3 class="dropdown-item-title">
Brad Diesel
<span class="float-right text-sm text-danger"><i class="fas fa-star"></i></span>
</h3>
<p class="text-sm">Call me whenever you can...</p>
<p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
</div>
</div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">

<div class="media">

<div class="media-body">
<h3 class="dropdown-item-title">
John Pierce
<span class="float-right text-sm text-muted"><i class="fas fa-star"></i></span>
</h3>
<p class="text-sm">I got your message bro</p>
<p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
</div>
</div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">

<div class="media">

<div class="media-body">
<h3 class="dropdown-item-title">
Nora Silvester
<span class="float-right text-sm text-warning"><i class="fas fa-star"></i></span>
</h3>
<p class="text-sm">The subject goes here</p>
<p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
</div>
</div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item dropdown-footer">See All Messages</a>

```

```

</div>
</li>

<li class="nav-item dropdown">
<a class="nav-link" data-toggle="dropdown" href="#">
<i class="far fa-bell"></i>
<span class="badge badge-warning navbar-badge">15</span>
</a>
<div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
<span class="dropdown-header">15 Notifications</span>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">
<i class="fas fa-envelope mr-2"></i> 4 new messages
<span class="float-right text-muted text-sm">3 mins</span>
</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">
<i class="fas fa-users mr-2"></i> 8 friend requests
<span class="float-right text-muted text-sm">12 hours</span>
</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">
<i class="fas fa-file mr-2"></i> 3 new reports
<span class="float-right text-muted text-sm">2 days</span>
</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item dropdown-footer">See All Notifications</a>
</div>
</li>
<li class="nav-item">
<a class="nav-link" data-widget="control-sidebar" data-slide="true" href="#" role="button">
<i class="fas fa-th-large"></i>
</a>
</li>
</ul>
</div>
</nav>

<div class="content-wrapper">

<div class="content-header">
<div class="container">
<div class="row mb-2">
<div class="col-sm-6">
<h1 class="m-0"> Glory <small>[아파트 관리 시스템]</small></h1>
</div>
<div class="col-sm-6">
<ol class="breadcrumb float-sm-right">
<li class="breadcrumb-item"><a href="#">Home</a></li>
</ol>
</div>
</div>
</div>
</div>
</div>

<div class="content">
<div class="container">
<div class="row">
<div class="col-lg-6">
<div class="card">
<div class="card card-primary card-outline">
<div class="card-body">
<!-- <h5 class="card-title">글 목록</h5>

</div>
</div>
<div class="card card-primary card-outline">
<div class="card-body">
<!-- <h5 class="card-title">글 목록</h5> -->

</div>
</div>

<table id="example2" class="table table-bordered table-striped">
<thead>
<tr>
<th>번호</th>
<th>분류</th>
<th>제목</th>
<th>상태</th>
</tr>
</thead>
<tbody>
<c:forEach items="{boardList}" var="board">

```

```

<tr>
<td>${board.bid}</td>
<td>${board.bcate}</td>
<td>${board.btitle}</td>
<td>${board.bstatus}</td>
<td><a href="javascript:detailBoard('${board.bid}', '${board.btitle}', '${board.bcontent}')" class="btn-success btn-sm">상세보기</a>
</tr>

</c:forEach>

</tbody>
</table>

<!-- <p class="card-text"> -->
<!-- Some quick example text to build on the card title and make up the bulk of the card's -->
<!-- content. -->
<!-- </p> -->
<!-- <a href="#" class="card-link">Card link</a> -->
<!-- <a href="#" class="card-link">Another link</a> -->
</div>
</div>
</div>
</div>
<div class="col-lg-6">

<div class="card">
<div class="card card-primary card-outline">
<div class="card-header">

<h5 class="card-title m-0">게시물 상세보기</h5>
</div>
<div class="card-body">
<h3 class="card-title" id="btitle">Title</h3>
<br>
<p class="card-text" id="bcontent">Content</p>
</div>
</div>
</div>
<div class="card card-primary card-outline">
<div class="card-header">
<h5 class="card-title m-0">댓글</h5>
</div>
<div class="card-body">
<p class="card-text replies" id="replies">내용</p>
</div>
</div>
</div>

</div>
</div>
</div>

<div>

<div class="control-sidebar control-sidebar-dark">

</div>

</div>

<div class="float-right d-none d-sm-inline">
Anything you want
</div>

<strong>Copyright &copy; 2014-2021 <a href="https://adminlte.io">AdminLTE.io</a>.</strong> All rights reserved.

```

```

</footer>
</div>

<script src="/resources/admin/plugins/jquery/jquery.min.js"></script>

<script src="/resources/admin/plugins/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="/resources/admin/dist/js/adminlte.min.js?v=3.2.0"></script>

<script
  src="/resources/admin/plugins/datatables/jquery.dataTables.min.js"></script>
<script
  src="/resources/admin/plugins/datatables-bs4/js/dataTables.bootstrap4.min.js"></script>
<script
  src="/resources/admin/plugins/datatables-responsive/js/dataTables.responsive.min.js"></script>
<script
  src="/resources/admin/plugins/datatables-responsive/js/responsive.bootstrap4.min.js"></script>
<script
  src="/resources/admin/plugins/datatables-buttons/js/dataTables.buttons.min.js"></script>
<script
  src="/resources/admin/plugins/datatables-buttons/js/buttons.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/jszip/jszip.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/pdfmake.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/vfs_fonts.js"></script>
<script
  src="/resources/admin/plugins/datatables-buttons/js/buttons.html5.min.js"></script>
<script
  src="/resources/admin/plugins/datatables-buttons/js/buttons.print.min.js"></script>
<script
  src="/resources/admin/plugins/datatables-buttons/js/buttons.colVis.min.js"></script>

<script>
$(function() {
  $("#example1").DataTable(
    {
      "responsive" : true,
      "lengthChange" : false,
      "autoWidth" : false,
      "buttons" : [ "copy", "csv", "excel", "pdf", "print",
        "colvis" ]
    }).buttons().container().appendTo(
      '#example1_wrapper .col-md-6:eq(0)');
  $('#example2').DataTable({
    "paging" : true,
    "lengthChange" : false,
    "searching" : false,
    "ordering" : true,
    "info" : true,
    "autoWidth" : false,
    "responsive" : true,
  });
});

function detailBoard(bid, btitle, bcontent) {
  document.getElementById('btitle').innerHTML = btitle;
  document.getElementById('bcontent').innerHTML = bcontent;

  $.ajax({
    type:"POST",
    url:"/ajaxDetail",
    data:{
      bid : bid
    },
    /*Jackson Driver 의존성을 추가하여야 한다. */
    dataType:"JSON",
    beforeSend : function(xhr)
    {
      /*데이터를 전송하기 전에 헤더에 csrf값을 설정한다. */
      xhr.setRequestHeader("${_csrf.headerName}", "${_csrf.token}");
    },
    success:function(result) {
      var str = "";
      for(var i in result){
        str+= '
          <li class="list-group-item">
            <div class="list-group-item list-group-item-secondary small">
              <span>' + result[i].bcontent + ' </span>
              <span class="small float-end">' + result[i].bwriter + ' </span>
            </div>
            <div class="list-group-item">' + result[i].bdate + ' </div>
          </li>
        '
      }
    }
  })
}

```

```

        $(".replies").html(str);
        document.getElementById('replies').innerHTML=str;
    },
    error:function(request,status,error) {
        alert("code:" + request.status + "\n" + "message:" + request.responseText + "\n" + "error:" + error);
    }
}

}))

}

</script>

</body>
</html>

```

## AJAX Error 메시지가 안뜨는 경우에 해결방법

[ajax] Error code 0, message undefined

[ajax] Error code 0, error undefined 작성일자 : 2018년 11월 18일 1. 현상 HTML form 내에서 ajax를 사용하는 Javascript 함수 호출 시 간헐적 에러 발생 예시 HTML

<https://osc131.tistory.com/95>



## ▼ Admin

### DB 생성

기본 옵션 인덱스 (1) 외래 키 (0) 제약 조건 확인 (0) 분할 </> CREATE 코드 </> ALTER 코드

```

2 `tid` INT(10) NOT NULL AUTO_INCREMENT,
3 `todo` VARCHAR(50) NULL DEFAULT NULL COLLATE 'utf8mb4_0900_ai_ci',
4 `tdue` VARCHAR(50) NULL DEFAULT NULL COLLATE 'utf8mb4_0900_ai_ci',
5 `tdate` TIMESTAMP NULL DEFAULT CURRENT_TIMESTAMP,
6 PRIMARY KEY (`tid`) USING BTREE
7 )
8 COLLATE='utf8mb4_0900_ai_ci'
9 ENGINE=InnoDB

```

열: + 추가 - 제거 ▲ 위로 ▼ 아래로

#	이름	데이터 유형	길이/설정	부호 없...	NULL 허...	0으로...	기본값	코멘트	조합	표현식	가상
1	tid	INT	10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREME...				
2	todo	VARCHAR	50	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		utf8mb4_0900_ai_ci		
3	tdue	VARCHAR	50	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		utf8mb4_0900_ai_ci		
4	tdate	TIMESTAMP		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CURRENT_TIMEST...				

```

CREATE TABLE `glorytodo` (
  `tid` INT(10) NOT NULL AUTO_INCREMENT,
  `todo` VARCHAR(50) NULL DEFAULT NULL COLLATE 'utf8mb4_0900_ai_ci',
  `tdue` VARCHAR(50) NULL DEFAULT NULL COLLATE 'utf8mb4_0900_ai_ci',
  `tdate` TIMESTAMP NULL DEFAULT CURRENT_TIMESTAMP,
  PRIMARY KEY (`tid`) USING BTREE
)
COLLATE='utf8mb4_0900_ai_ci'
ENGINE=InnoDB
AUTO_INCREMENT=12
;

```

### Todo.java

```

package com.glory.main;

public class Todo {

    private int tid;

    private String todo, tdue, tdate;

    public int getTid() {
        return tid;
    }

    public void setTid(int tid) {
        this.tid = tid;
    }

    public String getTodo() {
        return todo;
    }

    public void setTodo(String todo) {
        this.todo = todo;
    }

    public String getTdue() {
        return tdue;
    }

    public void setTdue(String tdue) {
        this.tdue = tdue;
    }

    public String getTdate() {
        return tdate;
    }

    public void setTdate(String tdate) {
        this.tdate = tdate;
    }

    public Todo() {
    }

    public Todo(int tid, String todo, String tdue, String tdate) {
        this.tid = tid;
        this.todo = todo;
        this.tdue = tdue;
        this.tdate = tdate;
    }

}

```

### MainController.java

```

@Autowired
private SqlSessionTemplate sqlSessionTemplate;

@RequestMapping("/admin")
public String loginAdmin(Model model) {
    //전체 테이블을 모두 조회
    List<Board> list = boardService.getAllBoardList();

    //그 중 필요한 bstatus 추출. JAVA 1.8 version 부터 지원하는 기능.
    List<Integer> statusList = list.stream().map(Board::getBstatus).collect(Collectors.toList());

    int n1 = 0;
    int n2 = 0;
    int n3 = 0;
    int n4 = 0;
    int n5 = 0;

    for (Integer status : statusList) {
        if (status == 1) {n1++;}
        if (status == 2) {n2++;}
        if (status == 3) {n3++;}
        if (status == 4) {n4++;}
        if (status == 5) {n5++;}
    }
}

```



```

int cnt = list.size();

model.addAttribute("n1", n1);
model.addAttribute("n2", n2);
model.addAttribute("n3", n3);
model.addAttribute("n4", n4);
model.addAttribute("n5", n5);
model.addAttribute("cnt", cnt);

//정상적으로 작동은 하지만 Service, Repository와 같은 일련의 관습은 지키는 것이 좋다.
List<Todo> todoList = this.sqlSessionTemplate.selectList("todo.select_list");

model.addAttribute("todoList", todoList);

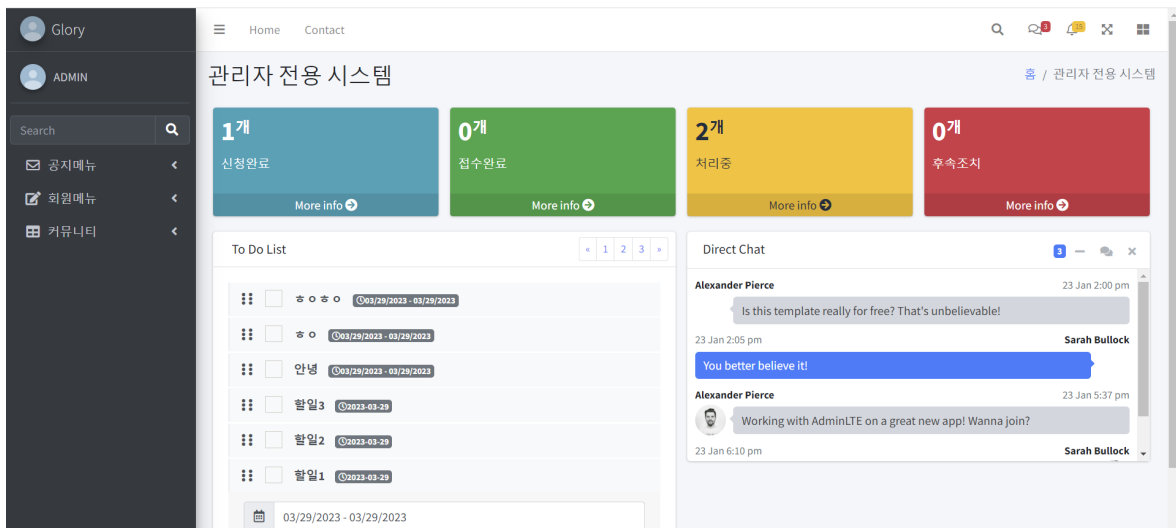
return "admin";
}

@ResponseBody
@PostMapping("/addTodo")
public void addTodo(@RequestParam Map<String, Object> map) {

    this.sqlSessionTemplate.insert("todo.insert", map);
}

```

## admin.jsp



```

<%@ include file="header.jsp"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<head>
<title>관리자 전용 시스템</title>

<link rel="stylesheet" href="/resources/admin/plugins/daterangepicker/daterangepicker.css">

<link rel="stylesheet" href="/resources/admin/plugins/ichex-bootstrap/ichex-bootstrap.min.css">

<link rel="stylesheet" href="/resources/admin/plugins/bootstrap-colorpicker/css/bootstrap-colorpicker.min.css">

<link rel="stylesheet" href="/resources/admin/plugins/tempusdominus-bootstrap-4/css/tempusdominus-bootstrap-4.min.css">

<link rel="stylesheet" href="/resources/admin/plugins/select2/css/select2.min.css">
<link rel="stylesheet" href="/resources/admin/plugins/select2-bootstrap4-theme/select2-bootstrap4.min.css">

<link rel="stylesheet" href="/resources/admin/plugins/bootstrap4-duallistbox/bootstrap-duallistbox.min.css">

<link rel="stylesheet" href="/resources/admin/plugins/bs-stepper/css/bs-stepper.min.css">

<link rel="stylesheet" href="/resources/admin/plugins/dropzone/min/dropzone.min.css">

</head>

```

```

<body class="text-center">

  <!-- Content Wrapper. Contains page content -->
  <div class="content-wrapper">
    <!-- Content Header (Page header) -->
    <div class="content-header">
      <div class="container-fluid">
        <div class="row mb-2">
          <div class="col-sm-6">
            <h1 class="m-0">관리자 전용 시스템</h1>
          </div>
          <!-- /.col -->
          <div class="col-sm-6">
            <ol class="breadcrumb float-sm-right">
              <li class="breadcrumb-item"><a href="#">홈</a></li>
              <li class="breadcrumb-item active">관리자 전용 시스템</li>
            </ol>
          </div>
          <!-- /.col -->
        </div>
      </div>
    <!-- /.content-header -->

    <!-- Main content -->
    <div class="content">
      <div class="container-fluid">
        <div class="row">
          <div class="col-lg-12">

            <!------- form ----->

            <section class="content">
              <div class="container-fluid">

                <div class="row">
                  <div class="col-lg-3 col-6">

                    <div class="small-box bg-info">
                      <div class="inner">
                        <h3>${n1}<sup style="font-size: 20px">개</sup></h3>
                        <p>신청완료</p>
                      </div>
                      <div class="icon">
                        <i class="ion ion-bag"></i>
                      </div>
                      <a href="#" class="small-box-footer">More info <i class="fas fa-arrow-circle-right"></i></a>
                    </div>

                  <div class="col-lg-3 col-6">

                    <div class="small-box bg-success">
                      <div class="inner">
                        <h3>${n2}<sup style="font-size: 20px">개</sup></h3>
                        <p>접수완료</p>
                      </div>
                      <div class="icon">
                        <i class="ion ion-stats-bars"></i>
                      </div>
                      <a href="#" class="small-box-footer">More info <i class="fas fa-arrow-circle-right"></i></a>
                    </div>

                  <div class="col-lg-3 col-6">

                    <div class="small-box bg-warning">
                      <div class="inner">
                        <h3>${n3}<sup style="font-size: 20px">개</sup></h3>
                        <p>처리중</p>
                      </div>
                      <div class="icon">
                        <i class="ion ion-person-add"></i>
                      </div>
                      <a href="#" class="small-box-footer">More info <i class="fas fa-arrow-circle-right"></i></a>
                    </div>

                  <div class="col-lg-3 col-6">

                    <div class="small-box bg-danger">
                      <div class="inner">
                        <h3>${n5}<sup style="font-size: 20px">개</sup></h3>

```

```

<p>후속조치</p>
</div>
<div class="icon">
<i class="ion ion-pie-graph"></i>
</div>
<a href="#" class="small-box-footer">More info <i class="fas fa-arrow-circle-right"></i></a>
</div>
</div>

</div>
</div>
</section>

<!------- To Do List ----->

<div class="col-lg-6 col-6" style="width: 50%; float: left;">
<div class="card">
<div class="card-header">
<h3 class="card-title">
<i class="ion ion-clipboard mr-1"></i>
To Do List
</h3>
<div class="card-tools">
<ul class="pagination pagination-sm">
<li class="page-item"><a href="#" class="page-link">&laquo;</a></li>
<li class="page-item"><a href="#" class="page-link">1</a></li>
<li class="page-item"><a href="#" class="page-link">2</a></li>
<li class="page-item"><a href="#" class="page-link">3</a></li>
<li class="page-item"><a href="#" class="page-link">&raquo;</a></li>
</ul>
</div>
</div>

<div class="card-body">
<ul class="todo-list" data-widget="todo-list">

<c:forEach items="{todoList}" var="list">

<li>
<span class="handle">
<i class="fas fa-ellipsis-v"></i>
<i class="fas fa-ellipsis-v"></i>
</span>
<div class="icheck-primary d-inline ml-2">
<input type="checkbox" value="" name="todo6" id="todoCheck6">
<label for="todoCheck6"></label>
</div>
<span class="text">${list.todo}</span>
<small class="badge badge-secondary"><i class="far fa-clock"></i>${list.tdue}</small>
<div class="tools">
<i class="fas fa-edit"></i>
<i class="fas fa-trash-o"></i>
</div>
</li>

</c:forEach>

<div class="card-footer clearfix">

<div class="form-group">
<div class="input-group">
<div class="input-group-prepend">
<span class="input-group-text">
<i class="far fa-calendar-alt"></i>
</span>
</div>
<input type="text" class="form-control float-right tdue" id="reservation">
</div>

</div>

<div class="input-group input-group-sm">
<input type="text" id="todo" class="form-control">
<span class="input-group-append">

<button type="button" onclick="javascript:addtodo()" class="btn btn-primary btn-flat">등록</button>
</span>
</div>
</div>

```

```

</div>
</div>

</div>

<!------- To Do List END ----->

<!------- Direct Chat ----->

<div class="col-lg-6 col6" style="width: 50%; float: right;">
<div class="card direct-chat direct-chat-primary">
<div class="card-header">
<h3 class="card-title">Direct Chat</h3>
<div class="card-tools">
<span title="3 New Messages" class="badge badge-primary">3</span>
<button type="button" class="btn btn-tool" data-card-widget="collapse">
<i class="fas fa-minus"></i>
</button>
<button type="button" class="btn btn-tool" title="Contacts" data-widget="chat-pane-toggle">
<i class="fas fa-comments"></i>
</button>
<button type="button" class="btn btn-tool" data-card-widget="remove">
<i class="fas fa-times"></i>
</button>
</div>
</div>
</div>

<div class="card-body">

<div class="direct-chat-messages">

<div class="direct-chat-msg">
<div class="direct-chat-infos clearfix">
<span class="direct-chat-name float-left">Alexander Pierce</span>
<span class="direct-chat-timestamp float-right">23 Jan 2:00 pm</span>
</div>

<div class="direct-chat-text">
Is this template really for free? That's unbelievable!
</div>

</div>

<div class="direct-chat-msg right">
<div class="direct-chat-infos clearfix">
<span class="direct-chat-name float-right">Sarah Bullock</span>
<span class="direct-chat-timestamp float-left">23 Jan 2:05 pm</span>
</div>

<div class="direct-chat-text">
You better believe it!
</div>

</div>

<div class="direct-chat-msg">
<div class="direct-chat-infos clearfix">
<span class="direct-chat-name float-left">Alexander Pierce</span>
<span class="direct-chat-timestamp float-right">23 Jan 5:37 pm</span>
</div>



<div class="direct-chat-text">
Working with AdminLTE on a great new app! Wanna join?
</div>

</div>

<div class="direct-chat-msg right">
<div class="direct-chat-infos clearfix">
<span class="direct-chat-name float-right">Sarah Bullock</span>
<span class="direct-chat-timestamp float-left">23 Jan 6:10 pm</span>
</div>



<div class="direct-chat-text">
I would love to.

```

```

</div>

</div>

</div>

<div class="direct-chat-contacts">
<ul class="contacts-list">
<li>
<a href="#">

<div class="contacts-list-info">
<span class="contacts-list-name">
Count Dracula
<small class="contacts-list-date float-right">2/28/2015</small>
</span>
<span class="contacts-list-msg">How have you been? I was...</span>
</div>

</a>
</li>

<li>
<a href="#">

<div class="contacts-list-info">
<span class="contacts-list-name">
Sarah Doe
<small class="contacts-list-date float-right">2/23/2015</small>
</span>
<span class="contacts-list-msg">I will be waiting for...</span>
</div>

</a>
</li>

<li>
<a href="#">

<div class="contacts-list-info">
<span class="contacts-list-name">
Nadia Jolie
<small class="contacts-list-date float-right">2/20/2015</small>
</span>
<span class="contacts-list-msg">I'll call you back at...</span>
</div>

</a>
</li>

<li>
<a href="#">

<div class="contacts-list-info">
<span class="contacts-list-name">
Nora S. Vans
<small class="contacts-list-date float-right">2/10/2015</small>
</span>
<span class="contacts-list-msg">Where is your new...</span>
</div>

</a>
</li>

<li>
<a href="#">

<div class="contacts-list-info">
<span class="contacts-list-name">
John K.
<small class="contacts-list-date float-right">1/27/2015</small>
</span>
<span class="contacts-list-msg">Can I take a look at...</span>
</div>

</a>
</li>

<li>
<a href="#">

<div class="contacts-list-info">
<span class="contacts-list-name">
Kenneth M.
<small class="contacts-list-date float-right">1/4/2015</small>
</span>

```

```

<span class="contacts-list-msg">Never mind I found...</span>
</div>

</a>
</li>

</ul>

</div>

</div>

</div>
<!------- Direct Chat END ----->

<!------- form end ----->
    </div>
  </div>
</div>
</div>
</div>
<%@ include file="footer.jsp"%>
</body>

<script>

function addtodo() {
  todo = $("#todo").val();
  tdue = $(".tdue").val();

  $.ajax({
    type:"POST",
    url:"/addTodo",
    data:{
      todo : todo,
      tdue : tdue
    },
    beforeSend : function(xhr)
    { /*데이터를 전송하기 전에 헤더에 csrf값을 설정한다. */
      xhr.setRequestHeader("_csrf.headerName", "${_csrf.token}");
    },
    success:function(result) {
      alert("등록 성공")
      window.location.reload();
    },
    error:function(request,status,error) {
      alert("code:" + request.status + "\n" + "message:" + request.responseText + "\n" + "error:" + error);
    }
  })

}
</script>

<script>
$(function () {
  //Initialize Select2 Elements
  $('.select2').select2()

  //Initialize Select2 Elements
  $('.select2bs4').select2({
    theme: 'bootstrap4'
  })

  //Datemask dd/mm/yyyy
  $('#datemask').inputmask('dd/mm/yyyy', { 'placeholder': 'dd/mm/yyyy' })
  //Datemask2 mm/dd/yyyy
  $('#datemask2').inputmask('mm/dd/yyyy', { 'placeholder': 'mm/dd/yyyy' })
  //Money Euro
  $('[data-mask]').inputmask()

  //Date picker
  $('#reservationdate').datetimepicker({
    format: 'L'
  });

  //Date and time picker
  $('#reservationdatetime').datetimepicker({ icons: { time: 'far fa-clock' } });

  //Date range picker
  $('#reservation').daterangepicker()
  //Date range picker with time picker
  $('#reservationtime').daterangepicker({

```

```

        timePicker: true,
        timePickerIncrement: 30,
        locale: {
            format: 'MM/DD/YYYY hh:mm A'
        }
    })
    //Date range as a button
    $('#daterange-btn').daterangepicker(
    {
        ranges   : [
            'Today'       : [moment(), moment()],
            'Yesterday'   : [moment().subtract(1, 'days'), moment().subtract(1, 'days')],
            'Last 7 Days'  : [moment().subtract(6, 'days'), moment()],
            'Last 30 Days' : [moment().subtract(29, 'days'), moment()],
            'This Month'   : [moment().startOf('month'), moment().endOf('month')],
            'Last Month'   : [moment().subtract(1, 'month').startOf('month'), moment().subtract(1, 'month').endOf('month')]
        ],
        startDate: moment().subtract(29, 'days'),
        endDate   : moment()
    },
    function (start, end) {
        $('#reportrange span').html(start.format('MMMM D, YYYY') + ' - ' + end.format('MMMM D, YYYY'))
    }
    )

    //Timepicker
    $('#timepicker').datetimepicker({
        format: 'LT'
    })

    //Bootstrap Duallistbox
    $('#duallistbox').bootstrapDualListbox()

    //Colorpicker
    $('#my-colorpicker1').colorpicker()
    //color picker with addon
    $('#my-colorpicker2').colorpicker()

    $('#my-colorpicker2').on('colorpickerChange', function(event) {
        $('#my-colorpicker2 .fa-square').css('color', event.color.toString());
    })

    $("input[data-bootstrap-switch]").each(function(){
        $(this).bootstrapSwitch('state', $(this).prop('checked'));
    })

    })
    // BS-Stepper Init
    document.addEventListener('DOMContentLoaded', function () {
        window.stepper = new Stepper(document.querySelector('.bs-stepper'))
    })

    // DropzoneJS Demo Code Start
    Dropzone.autoDiscover = false

    // Get the template HTML and remove it from the doumenthe template HTML and remove it from the doument
    var previewNode = document.querySelector("#template")
    previewNode.id = ""
    var previewTemplate = previewNode.parentNode.innerHTML
    previewNode.parentNode.removeChild(previewNode)

    var myDropzone = new Dropzone(document.body, { // Make the whole body a dropzone
        url: "/target-url", // Set the url
        thumbnailWidth: 80,
        thumbnailHeight: 80,
        parallelUploads: 20,
        previewTemplate: previewTemplate,
        autoQueue: false, // Make sure the files aren't queued until manually added
        previewsContainer: "#previews", // Define the container to display the previews
        clickable: ".fileinput-button" // Define the element that should be used as click trigger to select files.
    })

    myDropzone.on("addedfile", function(file) {
        // Hookup the start button
        file.previewElement.querySelector(".start").onclick = function() { myDropzone.enqueueFile(file) }
    })

    // Update the total progress bar
    myDropzone.on("totaluploadprogress", function(progress) {
        document.querySelector("#total-progress .progress-bar").style.width = progress + "%"
    })

    myDropzone.on("sending", function(file) {
        // Show the total progress bar when upload starts
        document.querySelector("#total-progress").style.opacity = "1"
        // And disable the start button
        file.previewElement.querySelector(".start").setAttribute("disabled", "disabled")
    })

```

```

    })

    // Hide the total progress bar when nothing's uploading anymore
    myDropzone.on("queuecomplete", function(progress) {
        document.querySelector("#total-progress").style.opacity = "0"
    })

    // Setup the buttons for all transfers
    // The "add files" button doesn't need to be setup because the config
    // `clickable` has already been specified.
    document.querySelector("#actions .start").onclick = function() {
        myDropzone.enqueueFiles(myDropzone.getFilesWithStatus(Dropzone.ADDED))
    }
    document.querySelector("#actions .cancel").onclick = function() {
        myDropzone.removeAllFiles(true)
    }
    // DropzoneJS Demo Code End
</script>

<script src="/resources/admin/plugins/select2/js/select2.full.min.js"></script>

<script src="/resources/admin/plugins/bootstrap4-duallistbox/jquery.bootstrap-duallistbox.min.js"></script>

<script src="/resources/admin/plugins/moment/moment.min.js"></script>
<script src="/resources/admin/plugins/inputmask/jquery.inputmask.min.js"></script>

<script src="/resources/admin/plugins/daterangepicker/daterangepicker.js"></script>

<script src="/resources/admin/plugins/bootstrap-colorpicker/js/bootstrap-colorpicker.min.js"></script>

<script src="/resources/admin/plugins/tempusdominus-bootstrap-4/js/tempusdominus-bootstrap-4.min.js"></script>

<script src="/resources/admin/plugins/bootstrap-switch/js/bootstrap-switch.min.js"></script>

<script src="/resources/admin/plugins/bs-stepper/js/bs-stepper.min.js"></script>

<script src="/resources/admin/plugins/dropzone/min/dropzone.min.js"></script>

</html>

```

## todo\_SQL.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="todo">

    <insert id="insert"
        parameterType="hashMap">
        <![CDATA[
            INSERT INTO glorytodo (todo, tdue) VALUES (#{todo}, #{tdue})
        ]]>
    </insert>

    <select id="select_list" resultType="com.glory.main.TODO">
    <![CDATA[
        SELECT * FROM glorytodo ORDER BY tid DESC
    ]]>
    </select>

</mapper>

```

## Stream().map

```

java stream 정리(map)
Repository = java-practice
https://isntyet.github.io/java/java-stream-정리\(map\)/

```

## ▼ Main[글 & 댓글 등록]



## DB 수정

기본 옵션 인덱스 (1) 외래 키 (0) 제약 조건 확인 (0) 분할 CREATE 코드 ALTER 코드

이름: gloryboard

코멘트:

열: 추가 제거 위로 아래로

#	이름	데이터 유형	길이/설정	부호 없...	NULL 허...	0으로...	기본값	코멘트	조합	표현식	가상
1	bid	INT	10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREME...				
2	bpid	VARCHAR	50	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		utf8mb4_0900_ai_ci		
3	btitle	VARCHAR	50	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		utf8mb4_0900_ai_ci		
4	bcontent	LONGTEXT		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		utf8mb4_0900_ai_ci		
5	bcate	VARCHAR	50	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		utf8mb4_0900_ai_ci		
6	bstatus	INT	10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	'1'				
7	bwriter	VARCHAR	50	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL		utf8mb4_0900_ai_ci		
8	bdate	TIMESTAMP		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CURRENT_TIMEST...				

```
CREATE TABLE `gloryboard` (
  `bid` INT(10) NOT NULL AUTO_INCREMENT,
  `bpid` VARCHAR(50) NULL DEFAULT NULL COLLATE 'utf8mb4_0900_ai_ci',
  `btitle` VARCHAR(50) NULL DEFAULT NULL COLLATE 'utf8mb4_0900_ai_ci',
  `bcontent` LONGTEXT NULL DEFAULT NULL COLLATE 'utf8mb4_0900_ai_ci',
  `bcate` VARCHAR(50) NULL DEFAULT NULL COLLATE 'utf8mb4_0900_ai_ci',
  `bstatus` INT(10) NULL DEFAULT '1',
  `bwriter` VARCHAR(50) NULL DEFAULT NULL COLLATE 'utf8mb4_0900_ai_ci',
  `bdate` TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP,
  PRIMARY KEY (`bid`) USING BTREE
)
COLLATE='utf8mb4_0900_ai_ci'
ENGINE=InnoDB
AUTO_INCREMENT=15
;
```

## board\_SQL.xml(수정)

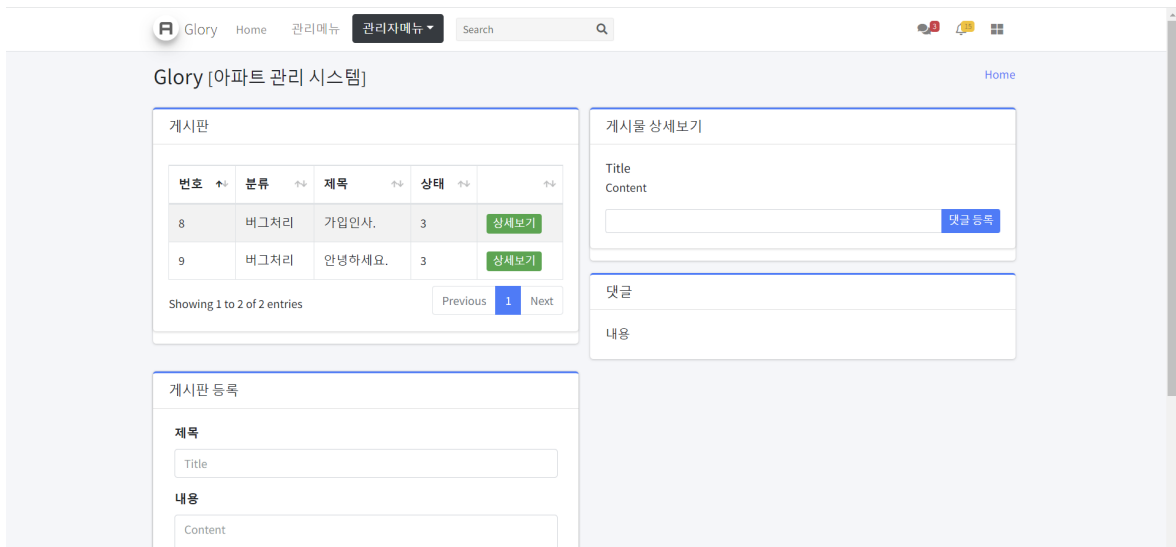
```
<select id="select_list" resultType="com.glory.board.Board">
<![CDATA[
  SELECT * FROM gloryboard WHERE bpid IS NULL ORDER BY bid DESC
]]>
</select>
```

## MainController.java

```
@ResponseBody
@PostMapping("/addBoard")
public void addBoard(@RequestParam Map<String, Object> board) {
    Board boards = new Board();
    boards.setBtitle((String)board.get("btitle"));
    boards.setBwriter((String)board.get("bwriter"));
    boards.setBcate((String)board.get("bcate"));
    boards.setBcontent((String)board.get("bcontent"));

    boardService.setNewBoard(boards);
}

@ResponseBody
@PostMapping("/addReply")
public void addReply(@RequestParam Map<String, Object> map) {
    boardService.replyNewBoard(map);
}
```



```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<!DOCTYPE html>

<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>Glory</title>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">

<link rel="stylesheet" href="/resources/admin/plugins/fontawesome-free/css/all.min.css">

<link rel="stylesheet" href="/resources/admin/dist/css/adminlte.min.css?v=3.2.0">

<link rel="stylesheet"
    href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">
<link rel="stylesheet"
    href="/resources/admin/plugins/fontawesome-free/css/all.min.css">
<link rel="stylesheet"
    href="/resources/admin/plugins/datatables-bs4/css/dataTables.bootstrap4.min.css">
<link rel="stylesheet"
    href="/resources/admin/plugins/datatables-responsive/css/responsive.bootstrap4.min.css">
<link rel="stylesheet"
    href="/resources/admin/plugins/datatables-buttons/css/buttons.bootstrap4.min.css">
<link rel="stylesheet"
    href="/resources/admin/dist/css/adminlte.min.css?v=3.2.0">

<script src="https://code.jquery.com/jquery-3.6.3.min.js"
    integrity="sha256-pvPw+upLPUjgMX0G+800xUf+/Im1MZjXxxg0cBQBxU="
    crossorigin="anonymous"></script>

<body class="hold-transition layout-top-nav">
<div class="wrapper">

<nav class="main-header navbar navbar-expand-md navbar-light navbar-white">
<div class="container">
<a href="/resources/admin/index3.html" class="navbar-brand">
Glory</span>
</a>
<button class="navbar-toggler order-1" type="button" data-toggle="collapse" data-target="#navbarCollapse" aria-controls="navbarCol
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse order-3" id="navbarCollapse">
```

```

<ul class="navbar-nav">
<li class="nav-item">
<a href="/main" class="nav-link">Home</a>
</li>

<sec:authorize access="hasRole('ROLE_ADMIN')">
<li class="nav-item">
<a href="/admin" class="nav-link">관리메뉴</a>
</li>
<li class="nav-item dropdown">
<button class="btn btn-dark dropdown-toggle"
data-bs-toggle="dropdown" aria-expanded="false">관리자메뉴</button>
<ul class="dropdown-menu dropdown-menu-dark">
<li><a class="dropdown-item" href="/users/list">회원목록</a></li>
<li><a class="dropdown-item" href="/cars/add">제품등록</a></li>
<li><a class="dropdown-item" href="/cars/product">제품관리</a></li>
</ul>
</li>
</sec:authorize>

</ul>

<form class="form-inline ml-0 ml-md-3">
<div class="input-group input-group-sm">
<input class="form-control form-control-navbar" type="search" placeholder="Search" aria-label="Search">
<div class="input-group-append">
<button class="btn btn-navbar" type="submit">
<i class="fas fa-search"></i>
</button>
</div>
</div>
</form>
</div>

<ul class="order-1 order-md-3 navbar-nav navbar-no-expand ml-auto">

<li class="nav-item dropdown">
<a class="nav-link" data-toggle="dropdown" href="#">
<i class="fas fa-comments"></i>
<span class="badge badge-danger navbar-badge">3</span>
</a>
<div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
<a href="#" class="dropdown-item">

<div class="media">

<div class="media-body">
<h3 class="dropdown-item-title">
Brad Diesel
<span class="float-right text-sm text-danger"><i class="fas fa-star"></i></span>
</h3>
<p class="text-sm">Call me whenever you can...</p>
<p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
</div>
</div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">

<div class="media">

<div class="media-body">
<h3 class="dropdown-item-title">
John Pierce
<span class="float-right text-sm text-muted"><i class="fas fa-star"></i></span>
</h3>
<p class="text-sm">I got your message bro</p>
<p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
</div>
</div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">

<div class="media">

<div class="media-body">
<h3 class="dropdown-item-title">
Nora Silvester
<span class="float-right text-sm text-warning"><i class="fas fa-star"></i></span>
</h3>
<p class="text-sm">The subject goes here</p>

```

```

<p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
</div>
</div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item dropdown-footer">See All Messages</a>
</div>
</li>

<li class="nav-item dropdown">
<a class="nav-link" data-toggle="dropdown" href="#">
<i class="far fa-bell"></i>
<span class="badge badge-warning navbar-badge">15</span>
</a>
<div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
<span class="dropdown-header">15 Notifications</span>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">
<i class="fas fa-envelope mr-2"></i> 4 new messages
<span class="float-right text-muted text-sm">3 mins</span>
</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">
<i class="fas fa-users mr-2"></i> 8 friend requests
<span class="float-right text-muted text-sm">12 hours</span>
</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">
<i class="fas fa-file mr-2"></i> 3 new reports
<span class="float-right text-muted text-sm">2 days</span>
</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item dropdown-footer">See All Notifications</a>
</div>
</li>
<li class="nav-item">
<a class="nav-link" data-widget="control-sidebar" data-slide="true" href="#" role="button">
<i class="fas fa-th-large"></i>
</a>
</li>
</ul>
</div>
</nav>

<div class="content-wrapper">

<div class="content-header">
<div class="container">
<div class="row mb-2">
<div class="col-sm-6">
<h1 class="m-0"> Glory <small>[아파트 관리 시스템]</small></h1>
</div>
<div class="col-sm-6">
<ol class="breadcrumb float-sm-right">
<li class="breadcrumb-item"><a href="#">Home</a></li>
</ol>
</div>
</div>
</div>
</div>
</div>

<div class="content">
<div class="container">
<div class="row">

<!------- 게시판 ----->

<div class="col-lg-6">
<div class="card">
<div class="card card-primary card-outline">
<div class="card-header">
<h5 class="card-title m-0">게시판</h5>
</div>
<div class="card-body">

<table id="example2" class="table table-bordered table-striped">
<thead>
<tr>
<th>번호</th>
<th>분류</th>
<th>제목</th>

```

```

<th>상태</th>
<th></th>
</tr>
</thead>
<tbody>
<c:forEach items="${boardList}" var="board">
<tr>
<td>${board.bid}</td>
<td>${board.bcate}</td>
<td>${board.btitle}</td>
<td>${board.bstatus}</td>
<td><a href="javascript:detailBoard('${board.bid}', '${board.btitle}', '${board.bcontent}')" class="btn-success btn-sm">상세보기</a>
</tr>

</c:forEach>

</tbody>
</table>

</div>
</div>
</div>
</div>

<!------- 게시판 END ----->

<!------- 게시물 상세보기 ----->
<div class="col-lg-6">

<div class="card">
<div class="card card-primary card-outline">
<div class="card-header">

<h5 class="card-title m-0">게시물 상세보기</h5>
</div>
<div class="card-body">
<h3 class="card-title" id="btitle">Title</h3>
<br>
<p class="card-text" id="bcontent">Content</p>

<div class="input-group input-group-sm">
<input type="text" id="reply" class="form-control">
<input type="hidden" id="bid" class="form-control">
<span class="input-group-append">

<button type="button" onclick="javascript:addReply()" class="btn btn-primary btn-flat">댓글 등록</button>
</span>
</div>
</div>
</div>
</div>
<div class="card card-primary card-outline">
<div class="card-header">
<h5 class="card-title m-0">댓글</h5>
</div>
<div class="card-body">
<p class="card-text replies" id="replies">내용</p>
</div>
</div>
</div>

<!------- 게시물 상세보기 END ----->

<!------- 게시판 등록 ----->

<div class="col-lg-6">

<div class="card">
<div class="card card-primary card-outline">

```

```

<div class="card-header">

<h5 class="card-title m-0">게시판 등록</h5>
</div>
<div class="card-body">

<div class="col-sm">

<div class="form-group">
<label>제목</label>
<input id="smalltitle" class="form-control" placeholder="Title" />
</div>
<div class="form-group">
<label>내용</label>
<textarea id="smallcontent" class="form-control" rows="3" placeholder="Content"></textarea>
</div>
<div class="form-group">
<label for="inputStatus">유형</label>
<select id="smallcate" class="form-control custom-select">
<option selected>선택하세요</option>
<option>버그처리</option>
<option>신규기능</option>
<option>기타</option>
</select>
</div>
</div>
<div>
<input id="smallwriter" type="hidden" value="admin" class="form-control">
<input style="margin-left: 10px;" type="button" onclick="javascript:addBoard()" value="등록" class="btn btn-success float-right">
</div>
</div>
</div>
</div>
</div>
</div>

<!------- 게시판 등록 END ----->

</div>

</div>
</div>

</div>

<aside class="control-sidebar control-sidebar-dark">

</aside>

<footer class="main-footer">

<div class="float-right d-none d-sm-inline">
Anything you want
</div>

<strong>Copyright &copy; 2014-2021 <a href="https://adminlte.io">AdminLTE.io</a>.</strong> All rights reserved.
</footer>
</div>

<script src="/resources/admin/plugins/jquery/jquery.min.js"></script>

<script src="/resources/admin/plugins/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="/resources/admin/dist/js/adminlte.min.js?v=3.2.0"></script>

<script
src="/resources/admin/plugins/datatables/jquery.dataTables.min.js"></script>
<script
src="/resources/admin/plugins/datatables-bs4/js/dataTables.bootstrap4.min.js"></script>
<script
src="/resources/admin/plugins/datatables-responsive/js/dataTables.responsive.min.js"></script>
<script
src="/resources/admin/plugins/datatables-responsive/js/responsive.bootstrap4.min.js"></script>
<script
src="/resources/admin/plugins/datatables-buttons/js/dataTables.buttons.min.js"></script>
<script
src="/resources/admin/plugins/datatables-buttons/js/buttons.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/jszip/jszip.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/pdfmake.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/vfs_fonts.js"></script>
<script

```

```

src="/resources/admin/plugins/datatables-buttons/js/buttons.html5.min.js"></script>
<script
src="/resources/admin/plugins/datatables-buttons/js/buttons.print.min.js"></script>
<script
src="/resources/admin/plugins/datatables-buttons/js/buttons.colVis.min.js"></script>

<script>
$(function() {
    $('#example1').DataTable(
    {
        "responsive" : true,
        "lengthChange" : false,
        "autoWidth" : false,
        "buttons" : [ "copy", "csv", "excel", "pdf", "print",
            "colvis" ]
    })
    .buttons().container().appendTo(
        'example1_wrapper .col-md-6:eq(0)');
    $('#example2').DataTable({
        "paging" : true,
        "lengthChange" : false,
        "searching" : false,
        "ordering" : true,
        "info" : true,
        "autoWidth" : false,
        "responsive" : true,
    });
});

function addBoard() {
    btitle = $("#smalltitle").val();
    bcontent = $("#smallcontent").val();
    bwriter = $("#smallwriter").val();
    bcate = $("#smallcate").val();

    $.ajax({
        type:"POST",
        url:"/addBoard",
        data:{
            btitle : btitle,
            bcontent : bcontent,
            bwriter : bwriter,
            bcate : bcate
        },
        beforeSend : function(xhr)
        {
            /*데이터를 전송하기 전에 헤더에 csrf값을 설정한다. */
            xhr.setRequestHeader("${_csrf.headerName}", "${_csrf.token}");
        },
        success:function(result) {
            alert("등록 성공")
            window.location.reload();
        },
        error:function(request,status,error) {
            alert("code:" + request.status + "\n" + "message:" + request.responseText + "\n" + "error:" + error);
        }
    })
}

function detailBoard(bid, btitle, bcontent) {
    document.getElementById('btitle').innerHTML = btitle;
    document.getElementById('bcontent').innerHTML = bcontent;
    document.getElementById('bid').value = bid;
    $.ajax({
        type:"POST",
        url:"/ajaxDetail",
        data:{
            bid : bid
        },
        /*Jackson Driver 의존성을 추가하여야 한다. */
        dataType:"JSON",
        beforeSend : function(xhr)
        {
            /*데이터를 전송하기 전에 헤더에 csrf값을 설정한다. */
            xhr.setRequestHeader("${_csrf.headerName}", "${_csrf.token}");
        },
        success:function(result) {
            var str = "";
            for(var i in result){
                str+<li class="list-group-item">'
                str+<div class="list-group-item list-group-item-secondary small">'
                str+<span>' + result[i].bcontent + '</span>'
                str+<span class="small float-end">' + result[i].bwriter + '</span>'
            }
        }
    })
}

```

```

        str+='                </div>'
        str+='                <div class="list-group-item">' + result[i].bdate + '</div>'
        str+='            </li>'
    }
    $(".replies").html(str);
    document.getElementById('replies').innerHTML=str;
},
error:function(request,status,error) {
    alert("code:" + request.status + "\n" + "message:" + request.responseText + "\n" + "error:" + error);
}

})

}

function addReply() {
    reply = $("#reply").val();
    bid = $("#bid").val();

    $.ajax({
        type:"POST",
        url:"/addReply",
        data:{
            bid : bid,
            bwriter : "비회원",
            bcontent : reply,
        },
        beforeSend : function(xhr)
        {
            /*데이터를 전송하기 전에 헤더에 csrf값을 설정한다. */
            xhr.setRequestHeader("${_csrf.headerName}", "${_csrf.token}");
        },
        success:function(result) {
            alert("등록 성공")
            window.location.reload();
        },
        error:function(request,status,error) {
            alert("code:" + request.status + "\n" + "message:" + request.responseText + "\n" + "error:" + error);
        }
    })

}

</script>

</body>
</html>

```

## Stream().map

java stream 정리(map)

Repository = java-practice

[https://isntyet.github.io/java/java-stream-정리\(map\)/](https://isntyet.github.io/java/java-stream-정리(map)/)