

QnA. 게시판 만드는 도중 밑의 사진과 같은 오류가 발생! 그나마 2일간 해결을 못했습니다.

```
2021-02-21 22:02:15.846 INFO 13353 --- [nio-8888-exec-1] c.e.p.c.mainpage.MainPageController : getHome()
2021-02-21 22:02:20.053 INFO 13353 --- [nio-8888-exec-3] c.e.p.c.t.TotalCommunityController : getList()
2021-02-21 22:02:20.105 INFO 13353 --- [nio-8888-exec-3] c.e.p.r.TotalCommunityRepository : list()
2021-02-21 22:02:20.110 INFO 13353 --- [nio-8888-exec-3] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2021-02-21 22:02:20.341 INFO 13353 --- [nio-8888-exec-3] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2021-02-21 22:02:24.656 INFO 13353 --- [nio-8888-exec-2] c.e.p.c.t.TotalCommunityController : getRegister()
2021-02-21 22:02:24.689 ERROR 13353 --- [nio-8888-exec-2] org.thymeleaf.TemplateEngine      : [THYMELEAF][http-nio-8888-exec-2] Exception processing template "spring/totalcommunity/register": Error during execution of processor 'org.thymeleaf.spring5.processor.SpringInputGeneralFieldTagProcessor' (template: "spring/totalcommunity/register" - line 39, col 32)
```

```
2021-02-21 22:02:24.689 ERROR 13353 --- [nio-8888-exec-2] org.thymeleaf.TemplateEngine      : [THYMELEAF][http-nio-8888-exec-2] Exception processing template "spring/totalcommunity/register": Error during execution of processor 'org.thymeleaf.spring5.processor.SpringInputGeneralFieldTagProcessor' (template: "spring/totalcommunity/register" - line 39, col 32)
org.thymeleaf.exceptions.TemplateProcessingException: Error during execution of processor 'org.thymeleaf.spring5.processor.SpringInputGeneralFieldTagProcessor' (template: "spring/totalcommunity/register" - line 39, col 32)
```

at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:92) ~[tomcat-embed-core-9.0.41.jar:9.0.41]

ErrorReportValve.java:92

```
2021-02-21 22:02:24.694 ERROR 13353 --- [nio-8888-exec-2] o.a.c.c.C.[.[.[dispatcherServlet]] : Servlet.service() for servlet [dispatcherServlet] in context with path [] threw exception [Request processing failed; nested exception is org.thymeleaf.exceptions.TemplateProcessingException: Error during execution of processor 'org.thymeleaf.spring5.processor.SpringInputGeneralFieldTagProcessor' (template: "spring/totalcommunity/register" - line 39, col 32)] with root cause
```

ErrorReportValve.java:92

at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:92) ~[tomcat-embed-core-9.0.41.jar:9.0.41]

위 사진을 보면 `getRegister()` 까지 진입하는게 아니라 `postMapping` 할때 `html` 파일
관련해서 문제가 발생하는지 알 수 있습니다. 밑의 사진은 `register.html` 파일입니다.

Catalogue field를 먼저 추가해줍니다.

```
<td><Content>
<td>
<textarea name="content" th:field="#{(content)}</textarea>
</td>
</tr>
</table>
</div>

<div>
<button type="submit" id="btnTotalRegister">작성완료</button>
<button type="submit" id="btnTotalList" >목록보기</button>
</div>
</body>
</html>
```

totalcommunity를 찾아도 같은 문제 발생.

```
<form id="board" action="success.html"
      method="post" th:object="totalcommunity" th:action="register">
    <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;">
      <tr>
        <td><Catalogue></td>
        <td>
          <input type="text" name="catalogue" th:field="#{(catalogue)}"/>
        </td>
      </tr>
      <tr>
        <td><Title></td>
        <td>
          <input type="text" name="title" th:field="#{(title)}"/>
        </td>
      </tr>
      <tr>
        <td><Writer></td>
        <td>
          <input type="text" name="writer" th:field="#{(writer)}"/>
        </td>
      </tr>
      <tr>
        <td><Content></td>
        <td>
          <textarea name="content" th:field="#{(content)}</textarea>
        </td>
      </tr>
    </table>
    <div>
      <button type="submit" id="btnTotalRegister">작성완료</button>
      <button type="submit" id="btnTotalList" >목록보기</button>
    </div>
</form>
```

→ th:field 관련 문제인 것 같습니다.

이 부분을 주석 처리하면 정상 작동!

Controller의 registerPostMapping은 보호됩니다.

```
@PostMapping("/register")
public String doRegister(TotalCommunity totalcommunity, Model model)
    throws Exception {
    log.info("doRegister()");
    service.register(totalcommunity);
    model.addAttribute("msg",
        "등록이 완료되었습니다.");
    return "spring/totalcommunity/success";
}
```

entity 파라미터 제공.

form 구조에서 th:object와 th:field 관련 예외인가 같아서 각 package per file 이중체크를 해보겠습니다. 관련 정보는 맘의 사진과 같습니다.

- MainController 부분

main	
java / com / example / personalproject	
controller	
allgame	
cloudgame	
gamepass	
login	
mainpage	
MainPageController.java	2, M
totalcommunity	
TotalCommunityController.java	U
entity	
Login.java	M
TotalCommunity.java	U
repository	
loginrepositoy	
TotalCommunityRepository.java	5, U
service	
loginservice	
TotalCommunityService.java	5, M
TotalCommunityServiceImpl.java	M
PersonalprojectApplication.java	

- template 부분.

spring	
> login	
> totalcommunity	
list.html	9+, U
modify.html	U
read.html	U
register.html	1, U
success.html	U
application.properties	
{ } application.yaml	M
> fact	

또한 DB에 연결되는 Repo 문제 또는 Repo와 연결되는 Service 가상관 있는지 파악해보겠습니다. 하지만 제 생각에는 관찰된 부분이 엄두고 생각됩니다.

다음장에 Report service 관련 소스코드가 있습니다!

Repository 투명

The screenshot displays three identical Java code editors, each showing the same code for the `TotalCommunityRepository` class. The code is annotated with comments explaining its purpose.

```
src > main > java > com > example > personalproject > repository > TotalCommunityRepository.java > Language Support for Java(TM) by Red Hat > TotalCommunityRepository.java
```

```
15  * @Repository
16  * public class TotalCommunityRepository {
17  *
18  *     private static final Logger log =
19  *         LoggerFactory.getLogger(TotalCommunityRepository.class);
20  *
21  *     @Autowired
22  *     private JdbcTemplate jdbcTemplate;
23  *
24  *     public List<TotalCommunity> list() throws Exception {
25  *         log.info("list()");
26  *
27  *         List<TotalCommunity> results = jdbcTemplate.query(
28  *             "select board_no, catalogue, title, content, writer, " +
29  *             "reg_date from totalcommunity where board_no > 0 " +
30  *             "order by board_no desc, reg_date desc",
31  *             new RowMapper<TotalCommunity>() {
32  *                 @Override
33  *                 public TotalCommunity mapRow(ResultSet rs, int rowNum)
34  *                     throws SQLException {
35  *
36  *                     TotalCommunity totalCommunity = new TotalCommunity();
37  *                     totalCommunity.setBoardNo(rs.getInt("board_no"));
38  *                     totalCommunity.setCatalogue(rs.getString("catalogue"));
39  *                     totalCommunity.setTitle(rs.getString("title"));
40  *                     totalCommunity.setContent(rs.getString("content"));
41  *                     totalCommunity.setWriter(rs.getString("writer"));
42  *                     totalCommunity.setRegData(rs.getDate("regDate"));
43  *
44  *                     return totalCommunity;
45  *                 }
46  *             });
47  *
48  *         return results;
49  *     }
50  *
51  *     public void create(TotalCommunity totalcommunity) throws Exception {
52  *         log.info("create()");
53  *
54  *         String query = "insert into totalcommunity(catalogue, title, content, writer) " +
55  *             "value(?, ?, ?, ?)";
56  *
57  *         jdbcTemplate.update(query, totalcommunity.getCatalogue(), totalcommunity.getTitle(),
58  *             totalcommunity.getContent(), totalcommunity.getWriter());
59  *     }
60  *
61  *     public TotalCommunity read(Integer boardNo) throws Exception {
62  *         List<TotalCommunity> results = jdbcTemplate.query(
63  *             "select board_no, catalogue, title, content, writer, reg_date " +
64  *             "from totalcommunity where board_no = ?",
65  *             new RowMapper<TotalCommunity>() {
66  *                 @Override
67  *                 public TotalCommunity mapRow(ResultSet rs, int rowNum)
68  *                     throws SQLException {
69  *
70  *                     TotalCommunity totalCommunity = new TotalCommunity();
71  *
72  *                     totalCommunity.setBoardNo(rs.getInt("board_no"));
73  *                     totalCommunity.setCatalogue(rs.getString("catalogue"));
74  *                     totalCommunity.setTitle(rs.getString("title"));
75  *                     totalCommunity.setContent(rs.getString("content"));
76  *                     totalCommunity.setWriter(rs.getString("writer"));
77  *                     totalCommunity.setRegData(rs.getDate("regDate"));
78  *
79  *                     return totalCommunity;
80  *                 }
81  *             }, boardNo
82  *         );
83  *
84  *
85  *         return results.isEmpty() ? null : results.get(0);
86  *     }
87  *
88  *     public void remove(Integer boardNo) throws Exception {
89  *         String query = "delete from totalcommunity where board_no = ?";
90  *
91  *         jdbcTemplate.update(query, boardNo);
92  *     }
93  *
94  *     public void modify(TotalCommunity totalcommunity) throws Exception {
95  *         String query = "update totalcommunity set catalogue = ?, title = ?, content = ? " +
96  *             "where board_no = ?";
97  *         jdbcTemplate.update(query, totalcommunity.getCatalogue(), totalcommunity.getTitle(),
98  *             totalcommunity.getContent(), totalcommunity.getBoardNo());
99  *     }
100 }
```

Service 부기

```
@Autowired  
private TotalcommunityRepository totalcommunityRepo;  
  
@Override  
public List<TotalCommunity> list() throws Exception {  
    // TODO Auto-generated method stub  
    return totalcommunityRepo.list();  
}  
  
@Override  
public void register(TotalCommunity totalcommunity) throws Exception {  
    // TODO Auto-generated method stub  
    totalcommunityRepo.create(totalcommunity);  
}  
  
@Override  
public TotalCommunity read(Integer boardNo) throws Exception {  
    // TODO Auto-generated method stub  
    return totalcommunityRepo.read(boardNo);  
}  
  
@Override  
public void remove(Integer boardNo) throws Exception {  
    totalcommunityRepo.remove(boardNo);  
}  
  
@Override  
public void modify(TotalCommunity totalcommunity) throws Exception {  
    // TODO Auto-generated method stub  
    totalcommunityRepo.modify(totalcommunity);  
}
```

또한 DB와 관련이 있는지 체크도 해 보았습니다.

```
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| board_test |  
| information_schema |  
| mysql |  
| performance_schema |  
| personalproject |  
| sys |  
+-----+  
6 rows in set (0.00 sec)
```

```
mysql> show tables;  
+-----+  
| Tables_in_personalproject |  
+-----+  
| totalcommunity |  
+-----+  
1 row in set (0.01 sec)
```

```
mysql> desc totalcommunity;  
+-----+  
| Field | Type | Null | Key | Default | Extra |  
+-----+  
| board_no | int | NO | PRI | NULL | auto_increment |  
| catalogue | varchar(200) | NO | | NULL | |  
| title | varchar(200) | NO | | NULL | |  
| content | text | YES | | NULL | |  
| writer | varchar(50) | NO | | NULL | |  
| reg_date | timestamp | NO | | CURRENT_TIMESTAMP | DEFAULT_GENERATED |  
+-----+  
6 rows in set (0.00 sec)
```

yaml의 URL 경로로 작성해 놓았습니다.

```
url: jdbc:mysql://localhost/personalproject?serverTimezone=UTC&useSSL=false
```

그동안 찾아온 앱 시안 어려운 헌법에 실패를 험합니다

가능하시다면 아래 키워드를 찾으시고 꼭 읽어주시면 감사합니다....!

Answer

정답이면 표기법!! 헬스체크하기