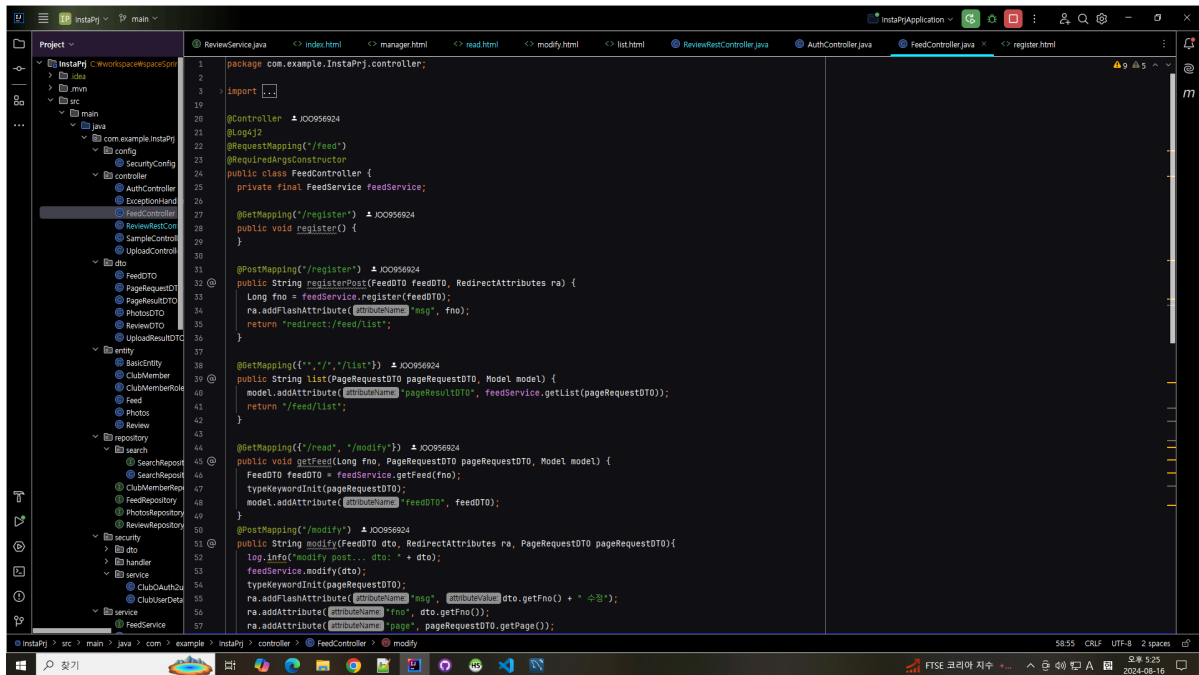
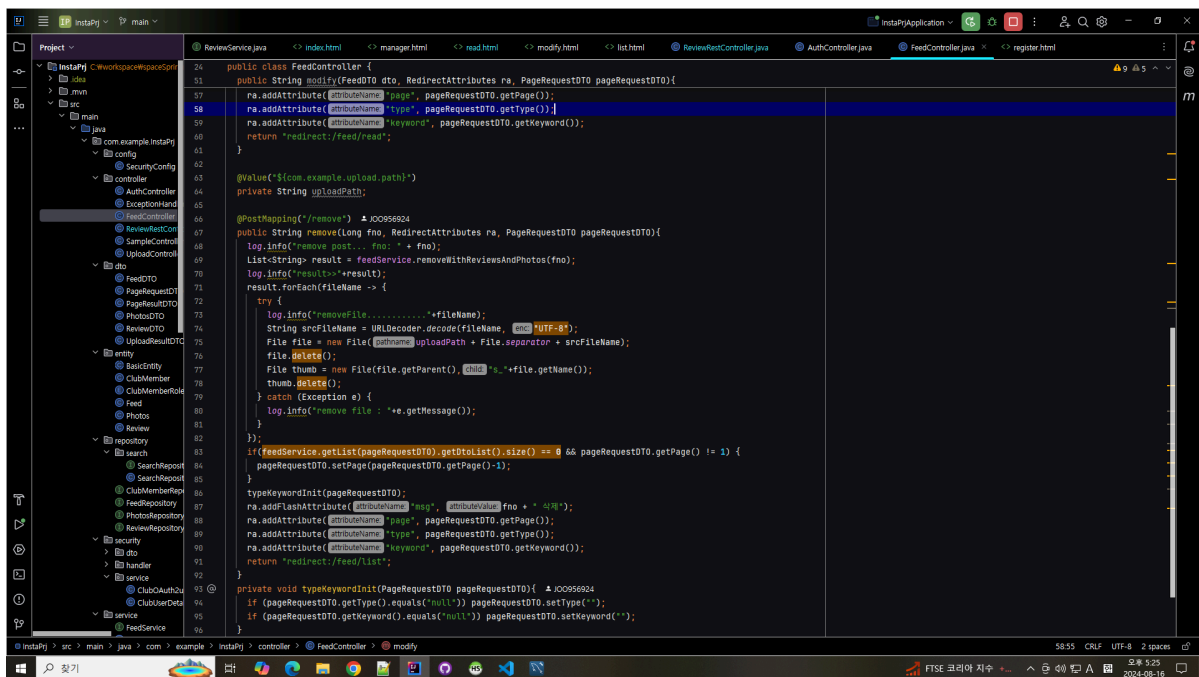


가. REST API 방식으로 GET/POST/PUT/DELETE 의 각 요청을 CRUD 기능으로 구현한다.

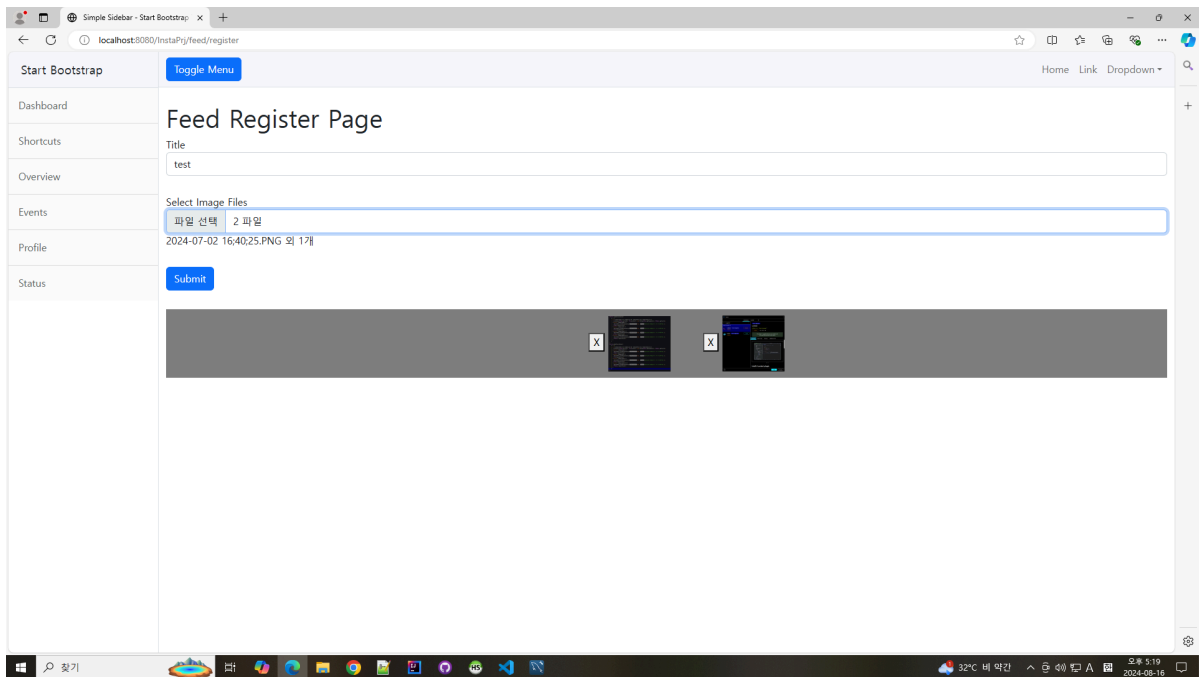
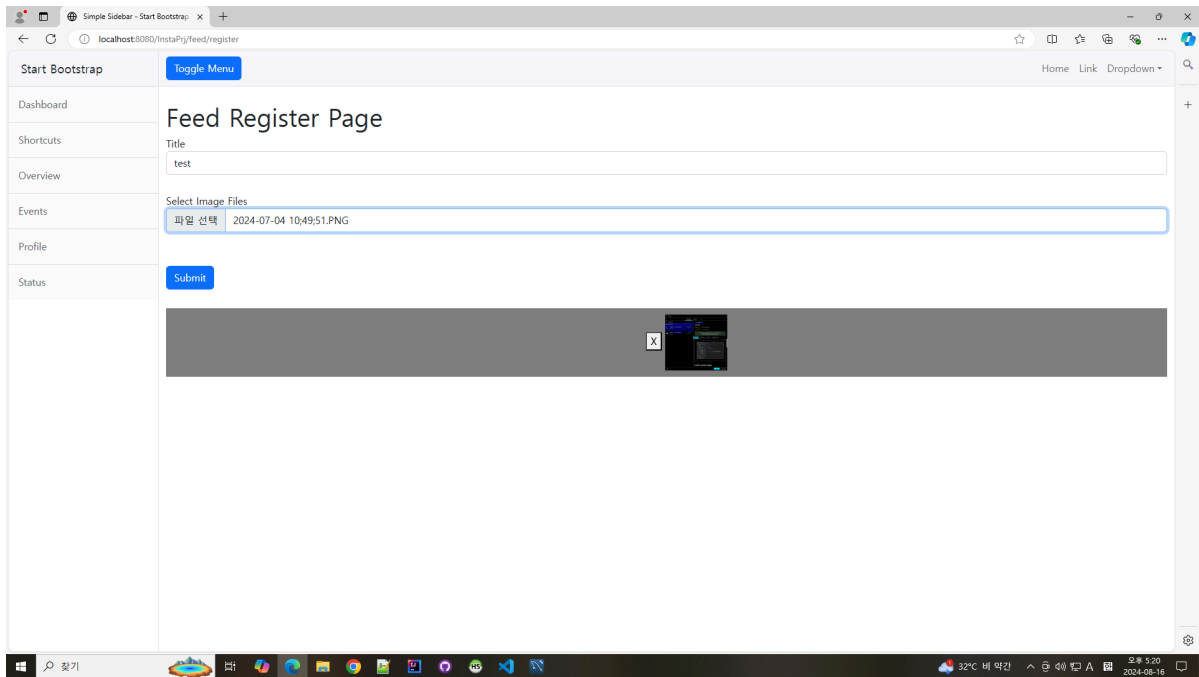


```
1 package com.example.Instapj.controller;
2
3 import ...
4
5 @Controller
6 @RequestMapping("/feed")
7 @RequiredArgsConstructor
8 public class FeedController {
9     private final FeedService feedService;
10
11     @PostMapping("/register")
12     public void register() {
13
14     }
15
16     @PostMapping("/register")
17     public String registerPost(@ModelAttribute FeedDTO feedDTO, RedirectAttributes ra) {
18         Long fno = feedService.register(feedDTO);
19         ra.addFlashAttribute("msg", fno);
20         return "redirect:/feed/list";
21     }
22
23     @GetMapping("/{fno}/list")
24     public String list(@PathVariable Long fno, @ModelAttribute PageRequestDTO pageRequestDTO, Model model) {
25         model.addAttribute("pageResultDTO", feedService.getList(pageRequestDTO));
26         return "feed/list";
27     }
28
29     @GetMapping("/{fno}/read")
30     public void read(@PathVariable Long fno, @ModelAttribute PageRequestDTO pageRequestDTO, Model model) {
31         FeedDTO feedDTO = feedService.getFeed(fno);
32         typeKeywordInit(pageRequestDTO);
33         model.addAttribute("feedDTO", feedDTO);
34     }
35
36     @PostMapping("/{fno}/modify")
37     public String modify(@PathVariable Long fno, @ModelAttribute PageRequestDTO pageRequestDTO, RedirectAttributes ra, PageRequestDTO pageRequestDTO) {
38         log.info("modify post... fno: " + fno);
39         feedService.modify(fno);
40         typeKeywordInit(pageRequestDTO);
41         ra.addFlashAttribute("msg", "수정 완료");
42         ra.addAttribute("page", pageRequestDTO.getPage());
43         ra.addAttribute("feedDTO", feedDTO);
44     }
45
46     @PostMapping("/{fno}/remove")
47     public String remove(@PathVariable Long fno, RedirectAttributes ra, PageRequestDTO pageRequestDTO) {
48         log.info("remove post... fno: " + fno);
49         List<String> result = feedService.removeWithReviewsAndPhotos(fno);
50         log.info("result: " + result);
51         result.forEach(fileName -> {
52             try {
53                 log.info("remove file... " + fileName);
54                 String srcFileName = URLDecoder.decode(fileName, "UTF-8");
55                 File file = new File(uploadPath + File.separator + srcFileName);
56                 file.delete();
57                 File thumb = new File(file.getParent(), "thumb" + file.getName());
58                 thumb.delete();
59             } catch (Exception e) {
60                 log.info("remove file: " + e.getMessage());
61             }
62         });
63         if (feedService.getList(pageRequestDTO).getTotalList().size() == 0 && pageRequestDTO.getPage() != 1) {
64             pageRequestDTO.setPage(pageRequestDTO.getPage() - 1);
65         }
66         typeKeywordInit(pageRequestDTO);
67         ra.addFlashAttribute("msg", "삭제 완료");
68         ra.addAttribute("page", pageRequestDTO.getPage());
69         ra.addAttribute("type", pageRequestDTO.getType());
70         ra.addAttribute("keyword", pageRequestDTO.getKeyword());
71         return "redirect:/feed/list";
72     }
73
74     private void typeKeywordInit(PageRequestDTO pageRequestDTO) {
75         if (pageRequestDTO.getType().equals("null")) pageRequestDTO.setType("");
76         if (pageRequestDTO.getKeyword().equals("null")) pageRequestDTO.setKeyword("");
77     }
78 }
```

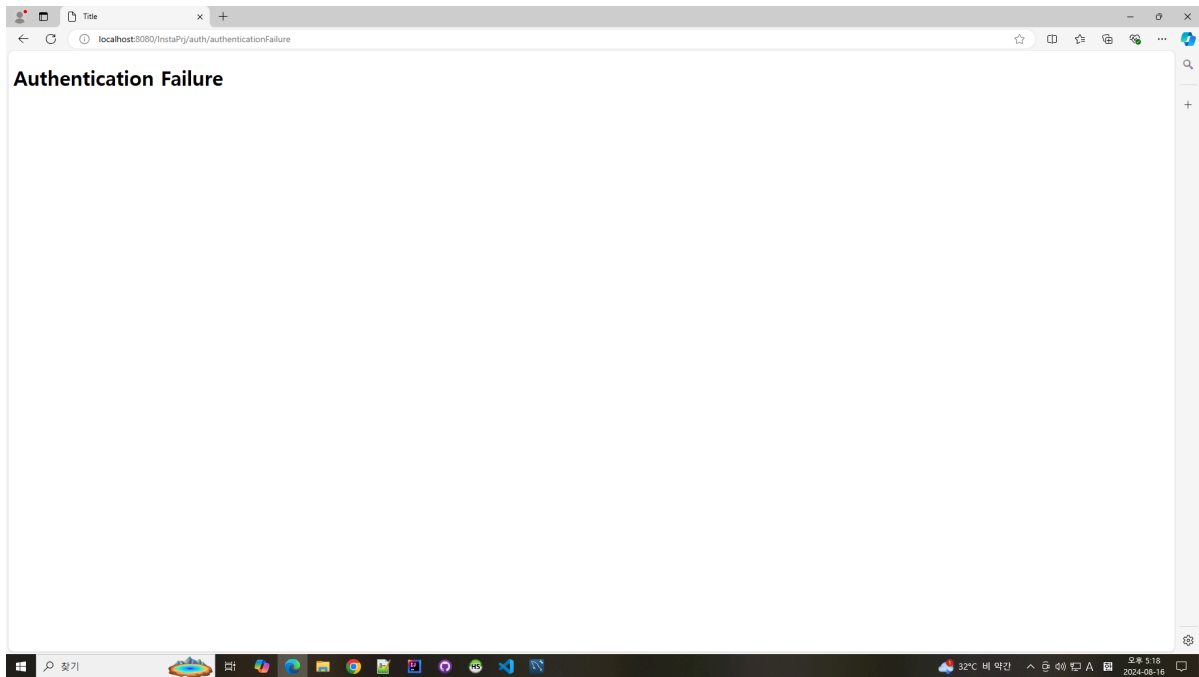


```
24 public class FeedController {
25     public String modify(FeedDTO dto, RedirectAttributes ra, PageRequestDTO pageRequestDTO) {
26
27     }
28     ra.addAttribute("page", pageRequestDTO.getPage());
29     ra.addAttribute("type", pageRequestDTO.getType());
30     ra.addAttribute("keyword", pageRequestDTO.getKeyword());
31     return "redirect:/feed/read";
32 }
33
34 @Value("${com.example.upload.path}")
35 private String uploadPath;
36
37 @PostMapping("/remove")
38 public String remove(@PathVariable Long fno, RedirectAttributes ra, PageRequestDTO pageRequestDTO) {
39     log.info("remove post... fno: " + fno);
40     List<String> result = feedService.removeWithReviewsAndPhotos(fno);
41     log.info("result: " + result);
42     result.forEach(fileName -> {
43         try {
44             log.info("remove file... " + fileName);
45             String srcFileName = URLDecoder.decode(fileName, "UTF-8");
46             File file = new File(uploadPath + File.separator + srcFileName);
47             file.delete();
48             File thumb = new File(file.getParent(), "thumb" + file.getName());
49             thumb.delete();
50         } catch (Exception e) {
51             log.info("remove file: " + e.getMessage());
52         }
53     });
54     if (feedService.getList(pageRequestDTO).getTotalList().size() == 0 && pageRequestDTO.getPage() != 1) {
55         pageRequestDTO.setPage(pageRequestDTO.getPage() - 1);
56     }
57     typeKeywordInit(pageRequestDTO);
58     ra.addFlashAttribute("msg", "삭제 완료");
59     ra.addAttribute("page", pageRequestDTO.getPage());
60     ra.addAttribute("type", pageRequestDTO.getType());
61     ra.addAttribute("keyword", pageRequestDTO.getKeyword());
62     return "redirect:/feed/list";
63 }
64
65 private void typeKeywordInit(PageRequestDTO pageRequestDTO) {
66     if (pageRequestDTO.getType().equals("null")) pageRequestDTO.setType("");
67     if (pageRequestDTO.getKeyword().equals("null")) pageRequestDTO.setKeyword("");
68 }
69 }
```

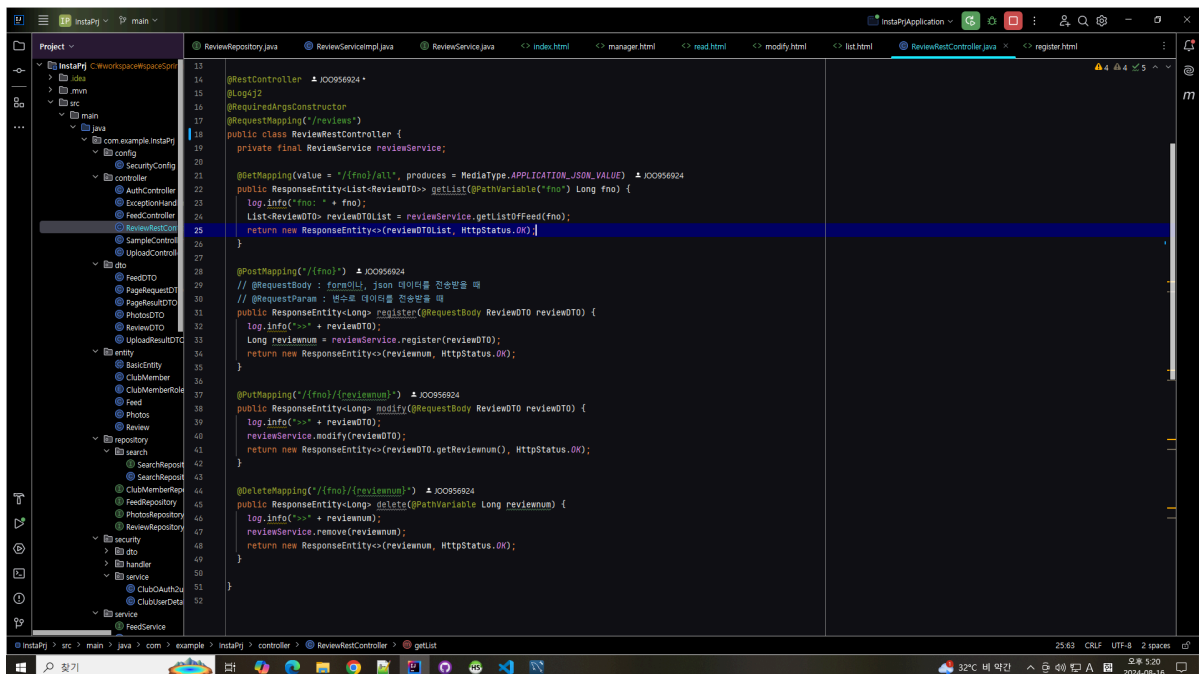
나. GET 요청은 한 개의 데이터를 가져오는 기능과 여러 개의 데이터를 가져오는 기능을 모두 구현한다.



다. 서버와 클라이언트 간의 데이터 송수신 작업에서 오류 발생에 대비한 예외처 리 기능을 포함한다.



라. **Feed**에 대한 댓글 기능은 **ReplyRestController**를 사용하여 **Ajax** 기능으로 구현한다.



마. **ClubMember**는 임시로 **100**명을 등록하고, **Feed**는 **100**개, **Photo**는 한 **Feed** 당 랜덤하게 **1~5**개 사이의

이미지를 추가한다. **Replies**는 **200**개를 등록 한다.  
**ClubMember**와 **ClubMeberRole**은 기존의 엔티티를  
활용한다.

| #  | id | cno                        | regdate                    | email      | from_joal | name  | password                                       |
|----|----|----------------------------|----------------------------|------------|-----------|-------|--|
| 1  | 1  | 2024-08-16 12:51:51.436863 | 2024-08-16 12:51:51.436863 | user1@a.a  | 0         | 사용자1  | \$2a\$10\$QhnpTev-A1Q2K.SCU.gL3b3hVW3mV4Pvo... |
| 2  | 2  | 2024-08-16 12:51:51.624770 | 2024-08-16 12:51:51.624770 | user2@a.a  | 0         | 사용자2  | \$2a\$10\$W3QCP3H0KUL776a3h4M3BafG3aOey8ks...  |
| 3  | 3  | 2024-08-16 12:51:51.718651 | 2024-08-16 12:51:51.718651 | user3@a.a  | 0         | 사용자3  | \$2a\$10\$1vT7emU7Z7XGZ7B5Uu.jQDUa3P7hngp4E... |
| 4  | 4  | 2024-08-16 12:51:51.812293 | 2024-08-16 12:51:51.812293 | user4@a.a  | 0         | 사용자4  | \$2a\$10\$pp33e2Qa34r8mPUC7e7Pbu7NLa34Dpog...  |
| 5  | 5  | 2024-08-16 12:51:51.896552 | 2024-08-16 12:51:51.896552 | user5@a.a  | 0         | 사용자5  | \$2a\$10\$B4uQ233u3dP7u3y4u3GyW71212u8h...     |
| 6  | 6  | 2024-08-16 12:51:51.968654 | 2024-08-16 12:51:51.968654 | user6@a.a  | 0         | 사용자6  | \$2a\$10\$94d3pH5.3dF61.46e3d5yCm3mV7Cm3rF...  |
| 7  | 7  | 2024-08-16 12:51:52.062406 | 2024-08-16 12:51:52.062406 | user7@a.a  | 0         | 사용자7  | \$2a\$10\$53R2p3VW4H4EY7OBUF.v32r3m3u3R3VUG... |
| 8  | 8  | 2024-08-16 12:51:52.140524 | 2024-08-16 12:51:52.140524 | user8@a.a  | 0         | 사용자8  | \$2a\$10\$Q4u3Gd3e3K443grhmcC7Fy3d3r3e3d3W...  |
| 9  | 9  | 2024-08-16 12:51:52.218847 | 2024-08-16 12:51:52.218847 | user9@a.a  | 0         | 사용자9  | \$2a\$10\$1939393K3u343d3g3t3C3d3r3e3d3r3e...  |
| 10 | 10 | 2024-08-16 12:51:52.286780 | 2024-08-16 12:51:52.286780 | user10@a.a | 0         | 사용자10 | \$2a\$10\$4m3m3m3m3m3m3m3m3m3m3m3m3m3m3...     |
| 11 | 11 | 2024-08-16 12:51:52.390537 | 2024-08-16 12:51:52.390537 | user11@a.a | 0         | 사용자11 | \$2a\$10\$Q3Q3d3APL3d3u373u3d3e3e3u3u37Q...    |
| 12 | 12 | 2024-08-16 12:51:52.468630 | 2024-08-16 12:51:52.468630 | user12@a.a | 0         | 사용자12 | \$2a\$10\$6V14D3e3d3P3C7L3u3d3e3d3e3d3e3...    |
| 13 | 13 | 2024-08-16 12:51:52.546772 | 2024-08-16 12:51:52.546772 | user13@a.a | 0         | 사용자13 | \$2a\$10\$4H4u3u3u3u3u3u3u3u3u3u3u3u3u3...     |
| 14 | 14 | 2024-08-16 12:51:52.640323 | 2024-08-16 12:51:52.640323 | user14@a.a | 0         | 사용자14 | \$2a\$10\$4u3u3u3u3u3u3u3u3u3u3u3u3u3...       |
| 15 | 15 | 2024-08-16 12:51:52.718662 | 2024-08-16 12:51:52.718662 | user15@a.a | 0         | 사용자15 | \$2a\$10\$3c3P3P3P3P3P3P3P3P3P3P3P3P3P...      |
| 16 | 16 | 2024-08-16 12:51:52.796787 | 2024-08-16 12:51:52.796787 | user16@a.a | 0         | 사용자16 | \$2a\$10\$W3W3931932243Ap3d32373y3C3e35...     |
| 17 | 17 | 2024-08-16 12:51:52.877309 | 2024-08-16 12:51:52.877309 | user17@a.a | 0         | 사용자17 | \$2a\$10\$G3e3N3D3m3D3C3H3B3C3u373y3h3e3V...   |
| 18 | 18 | 2024-08-16 12:51:52.963599 | 2024-08-16 12:51:52.963599 | user18@a.a | 0         | 사용자18 | \$2a\$10\$3C3T343u3r3g3r3e3S3D3m3A3r3D3e3...   |
| 19 | 19 | 2024-08-16 12:51:53.040633 | 2024-08-16 12:51:53.040633 | user19@a.a | 0         | 사용자19 | \$2a\$10\$Q3Q3Q3P3H3T3C3D3e3d3e3e3u3d3e3...    |
| 20 | 20 | 2024-08-16 12:51:53.118807 | 2024-08-16 12:51:53.118807 | user20@a.a | 0         | 사용자20 | \$2a\$10\$3p3G3d3V3D3u3d3e3d3e3u3u373d3g...    |
| 21 | 21 | 2024-08-16 12:51:53.212571 | 2024-08-16 12:51:53.212571 | user21@a.a | 0         | 사용자21 | \$2a\$10\$3d3e3d3e3d3e3d3e3d3e3d3e3d3e3...     |
| 22 | 22 | 2024-08-16 12:51:53.306325 | 2024-08-16 12:51:53.306325 | user22@a.a | 0         | 사용자22 | \$2a\$10\$3W3B3m3B3e3V3D3g3P3u3u3d3M393y...    |
| 23 | 23 | 2024-08-16 12:51:53.384948 | 2024-08-16 12:51:53.384948 | user23@a.a | 0         | 사용자23 | \$2a\$10\$u3u3q3u3d3u3d3e3d3e3d3e3d3e3...      |
| 24 | 24 | 2024-08-16 12:51:53.462568 | 2024-08-16 12:51:53.462568 | user24@a.a | 0         | 사용자24 | \$2a\$10\$B3u3d3e3d3e3d3e3d3e3d3e3d3e3...      |
| 25 | 25 | 2024-08-16 12:51:53.556474 | 2024-08-16 12:51:53.556474 | user25@a.a | 0         | 사용자25 | \$2a\$10\$u3d3e3d3e3d3e3d3e3d3e3d3e3...        |
| 26 | 26 | 2024-08-16 12:51:53.634608 | 2024-08-16 12:51:53.634608 | user26@a.a | 0         | 사용자26 | \$2a\$10\$B3d3e3m3H3F3C3C3u33g3D3u3C3e3...     |
| 27 | 27 | 2024-08-16 12:51:53.712725 | 2024-08-16 12:51:53.712725 | user27@a.a | 0         | 사용자27 | \$2a\$10\$B3d3e3M3d3U3K3m3d3C3m3C3Q3d3e3...    |
| 28 | 28 | 2024-08-16 12:51:53.806460 | 2024-08-16 12:51:53.806460 | user28@a.a | 0         | 사용자28 | \$2a\$10\$3u373y3d3g3B3d3g3u3f3d3g3u3h3y...    |
| 29 | 29 | 2024-08-16 12:51:53.884609 | 2024-08-16 12:51:53.884609 | user29@a.a | 0         | 사용자29 | \$2a\$10\$J3u3G3d3h3d3P3S3d3e3d3e3d3e3...      |
| 30 | 30 | 2024-08-16 12:51:53.971896 | 2024-08-16 12:51:53.971896 | user30@a.a | 0         | 사용자30 | \$2a\$10\$4K3O3m3B3H3W3C3H3A3E3M3e3D3C3H3...   |
| 31 | 31 | 2024-08-16 12:51:54.050018 | 2024-08-16 12:51:54.050018 | user31@a.a | 0         | 사용자31 | \$2a\$10\$3A3C3D3M3A3K3D3C3P3C3e3e3P3H3W...    |
| 32 | 32 | 2024-08-16 12:51:54.128138 | 2024-08-16 12:51:54.128138 | user32@a.a | 0         | 사용자32 | \$2a\$10\$4E3M3E3P3P3P3H3e3W3C3u3C3T3Q3r3...   |
| 33 | 33 | 2024-08-16 12:51:54.221893 | 2024-08-16 12:51:54.221893 | user33@a.a | 0         | 사용자33 | \$2a\$10\$63d3P3T3S3r3T3d3e3d3e3d3e3d3e...     |
| 34 | 34 | 2024-08-16 12:51:54.300007 | 2024-08-16 12:51:54.300007 | user34@a.a | 0         | 사용자34 | \$2a\$10\$g3d3L3U3H3E3H3A3A3u3Q3C3u3f3G3f...   |
| 35 | 35 | 2024-08-16 12:51:54.378141 | 2024-08-16 12:51:54.378141 | user35@a.a | 0         | 사용자35 | \$2a\$10\$4Y3z3p3A3d3X3d3M3y323y3d3m373D...    |
| 36 | 36 | 2024-08-16 12:51:54.471881 | 2024-08-16 12:51:54.471881 | user36@a.a | 0         | 사용자36 | \$2a\$10\$3U3J3u3d3M3P3P3U3G3L3P3D323H3U...    |
| 37 | 37 | 2024-08-16 12:51:54.550115 | 2024-08-16 12:51:54.550115 | user37@a.a | 0         | 사용자37 | \$2a\$10\$3U3h3e3C3L3E3d3e3d3e3d3e3d3e...      |
| 38 | 38 | 2024-08-16 12:51:54.643873 | 2024-08-16 12:51:54.643873 | user38@a.a | 0         | 사용자38 | \$2a\$10\$g3y3d3g3U3U3g3r3P3Q3m3u3P3C3d3...    |

```
1460 SELECT * FROM `db7`.`club_member` LIMIT 1000;
1461 SHOW CREATE TABLE `db7`.`club_member_role_set`;
1462 SELECT * FROM `db7`.`club_member_role_set` ORDER BY `role_set` DESC, `club_member_cno` DESC LIMIT 1000;
1463 SHOW CREATE TABLE `db7`.`club_member`;
1464 SELECT * FROM `db7`.`club_member` LIMIT 1000;
```

root@db7:~/photos - HeidiSQL 12.7.0.6850

파일 편집 검색 쿼리 도구 이동 도움말

데이터베이스 관리자 데이터베이스 db7 테이블 photos 데이터 쿼리

db7 photos: 309 행 (exact)

| #  | prum | moddate                    | regdate                    | img_name  | path   | uuid                                  | feed_fno |
|----|------|----------------------------|----------------------------|-----------|--------|---------------------------------------|----------|
| 1  | 1    | 2024-08-16 12:52:22.656691 | 2024-08-16 12:52:22.656691 | test1.jpg | (NULL) | 7768866a-d0a5-43ac-b1-70-04f726207153 | 1        |
| 2  | 2    | 2024-08-16 12:52:22.656691 | 2024-08-16 12:52:22.656691 | test1.jpg | (NULL) | e796a20f-199d-4e72-9e6d-6f5b2c750c64  | 1        |
| 3  | 3    | 2024-08-16 12:52:22.656691 | 2024-08-16 12:52:22.656691 | test1.jpg | (NULL) | 02d8-9f5a-ae47-428d-b022-baa1125a6774 | 1        |
| 4  | 4    | 2024-08-16 12:52:22.656691 | 2024-08-16 12:52:22.656691 | test1.jpg | (NULL) | 6347f33a-00e8-4a07-8792-6702a82e7e77  | 1        |
| 5  | 5    | 2024-08-16 12:52:22.656691 | 2024-08-16 12:52:22.656691 | test1.jpg | (NULL) | d86833a-3204-42c2-87b2-8a6b7f7ee316   | 1        |
| 6  | 6    | 2024-08-16 12:52:22.672314 | 2024-08-16 12:52:22.672314 | test0.jpg | (NULL) | 00c2722c-feda-4a8b-82b3-7193b3f40714  | 2        |
| 7  | 7    | 2024-08-16 12:52:22.672314 | 2024-08-16 12:52:22.672314 | test1.jpg | (NULL) | 680ac2fc-78b1-4c28-9e1a-e1a1877a0a94  | 2        |
| 8  | 8    | 2024-08-16 12:52:22.672314 | 2024-08-16 12:52:22.672314 | test2.jpg | (NULL) | 900a13f7-0d6a-4598-99ee-918595862777  | 2        |
| 9  | 9    | 2024-08-16 12:52:22.672314 | 2024-08-16 12:52:22.672314 | test0.jpg | (NULL) | 8ea61dbb-c749-48d1-e0f7-11a162a826d0  | 3        |
| 10 | 10   | 2024-08-16 12:52:22.672314 | 2024-08-16 12:52:22.672314 | test0.jpg | (NULL) | 8ea655c7-53aa-42c3-94b6-9e4c9b0780d0  | 4        |
| 11 | 11   | 2024-08-16 12:52:22.672314 | 2024-08-16 12:52:22.672314 | test1.jpg | (NULL) | 8cc28a5c-09e5-4370-8108-728a41d17373  | 4        |
| 12 | 12   | 2024-08-16 12:52:22.687942 | 2024-08-16 12:52:22.687942 | test0.jpg | (NULL) | 67c560ba-66e5-4b03-c09218f05a65       | 5        |
| 13 | 13   | 2024-08-16 12:52:22.687942 | 2024-08-16 12:52:22.687942 | test1.jpg | (NULL) | ebe955c4-61aa-4f2c-9770-c297a0119719  | 5        |
| 14 | 14   | 2024-08-16 12:52:22.687942 | 2024-08-16 12:52:22.687942 | test2.jpg | (NULL) | 189ba2da-6c0d-4b40-ba2b-4b60b428b416  | 5        |
| 15 | 15   | 2024-08-16 12:52:22.687942 | 2024-08-16 12:52:22.687942 | test3.jpg | (NULL) | 83919b91-eaee-4c15-e94b-bd0c048e4154  | 5        |
| 16 | 16   | 2024-08-16 12:52:22.687942 | 2024-08-16 12:52:22.687942 | test0.jpg | (NULL) | 49955276-77f0-4b56-94cc-98a51d0a0b19  | 6        |
| 17 | 17   | 2024-08-16 12:52:22.687942 | 2024-08-16 12:52:22.687942 | test1.jpg | (NULL) | f6b9d0a4+12f-4109-b2aa-54f8ea378c35   | 7        |
| 18 | 18   | 2024-08-16 12:52:22.687942 | 2024-08-16 12:52:22.687942 | test0.jpg | (NULL) | 80ca0771-e658-4a66-a0e4-b3a1a020ba07  | 6        |
| 19 | 19   | 2024-08-16 12:52:22.703568 | 2024-08-16 12:52:22.703568 | test1.jpg | (NULL) | 10c33141-f8aa-4c3a-808f-9ec4d949f0aa  | 7        |
| 20 | 20   | 2024-08-16 12:52:22.703568 | 2024-08-16 12:52:22.703568 | test0.jpg | (NULL) | 32a4d7c5-e0c1-4a69-9988-bc4e0f53c629  | 8        |
| 21 | 21   | 2024-08-16 12:52:22.703568 | 2024-08-16 12:52:22.703568 | test1.jpg | (NULL) | ca4fb701-9f5a-44ab-9a28-94281a127739  | 8        |
| 22 | 22   | 2024-08-16 12:52:22.703568 | 2024-08-16 12:52:22.703568 | test2.jpg | (NULL) | ba24c6d1-b5ae-4d33-80f5-232cebf020    | 8        |
| 23 | 23   | 2024-08-16 12:52:22.703568 | 2024-08-16 12:52:22.703568 | test3.jpg | (NULL) | c3870a01-3222-40f7-a8a3-839a0b124611  | 8        |
| 24 | 24   | 2024-08-16 12:52:22.703568 | 2024-08-16 12:52:22.703568 | test4.jpg | (NULL) | 9081f0f5-2c3b-4930-e050-b91949c4eac2  | 8        |
| 25 | 25   | 2024-08-16 12:52:22.703568 | 2024-08-16 12:52:22.703568 | test0.jpg | (NULL) | 36d229db-d051-437a-b7a2-5d13a0f0e0fe  | 9        |
| 26 | 26   | 2024-08-16 12:52:22.703568 | 2024-08-16 12:52:22.703568 | test1.jpg | (NULL) | 76091697-6f4e-4b-b664-1d0f8b00910     | 9        |
| 27 | 27   | 2024-08-16 12:52:22.719192 | 2024-08-16 12:52:22.719192 | test2.jpg | (NULL) | f6a0d6dc-321e-4f0a-ade9-da5d370ea22   | 9        |
| 28 | 28   | 2024-08-16 12:52:22.719192 | 2024-08-16 12:52:22.719192 | test3.jpg | (NULL) | 53a0b1b1-30f7-43a6-ade9-73a0a0779a02  | 9        |
| 29 | 29   | 2024-08-16 12:52:22.719192 | 2024-08-16 12:52:22.719192 | test0.jpg | (NULL) | 63a36f0f-1a83-4f65-ba0e-3d613d72b0c7  | 10       |
| 30 | 30   | 2024-08-16 12:52:22.719192 | 2024-08-16 12:52:22.719192 | test1.jpg | (NULL) | 422a88af-e1b4-4166-8022-d05e081266ab  | 10       |
| 31 | 31   | 2024-08-16 12:52:22.719192 | 2024-08-16 12:52:22.719192 | test0.jpg | (NULL) | c5d068c7-09ac-4b4c-ba2d-0d8ac2404a45  | 11       |
| 32 | 32   | 2024-08-16 12:52:22.719192 | 2024-08-16 12:52:22.719192 | test1.jpg | (NULL) | 8a620b1e-493b-4185-4a51-1c2b301610dc  | 11       |
| 33 | 33   | 2024-08-16 12:52:22.719192 | 2024-08-16 12:52:22.719192 | test3.jpg | (NULL) | f6a1a3a1-6c0b-41c0-91e0-6d8a1c1810a1  | 11       |
| 34 | 34   | 2024-08-16 12:52:22.719192 | 2024-08-16 12:52:22.719192 | test0.jpg | (NULL) | f4e790ed-1a46-4a43-a0e6-f524a0b3555e  | 11       |
| 35 | 35   | 2024-08-16 12:52:22.739817 | 2024-08-16 12:52:22.739817 | test0.jpg | (NULL) | f5a200e1-8321-4321-cd8f-6114f8b01865  | 12       |
| 36 | 36   | 2024-08-16 12:52:22.739817 | 2024-08-16 12:52:22.739817 | test1.jpg | (NULL) | 0a7ae64a-489a-4a45-9930-cd4053b08a0f  | 12       |
| 37 | 37   | 2024-08-16 12:52:22.739817 | 2024-08-16 12:52:22.739817 | test2.jpg | (NULL) | 7a6a873a-406e-421c-60d7-6a6a07003d3d  | 12       |
| 38 | 38   | 2024-08-16 12:52:22.739817 | 2024-08-16 12:52:22.739817 | test3.jpg | (NULL) | e79a5838-4a6e-4e7b-bd17-f1b1d0b7724e  | 12       |

1464 SELECT \* FROM db7."club\_member\_role\_set" LIMIT 1000;  
1465 SHOW CREATE TABLE db7."club\_member\_role\_set";  
1466 SELECT \* FROM db7."club\_member\_role\_set" ORDER BY "role\_set" DESC, "club\_member\_cno" DESC LIMIT 1000;  
1467 SHOW CREATE TABLE db7."photos";  
1468 SELECT \* FROM db7."photos" LIMIT 1000;

r1: c1 MariaDB 11.4.2 가동 시간: 2 일, 01:48 h 서버 시간: 오후 5:21 유휴

root@db7:~/review - HeidiSQL 12.7.0.6850

파일 편집 검색 쿼리 도구 이동 도움말

데이터베이스 관리자 데이터베이스 db7 테이블 review 데이터 쿼리

db7 review: 200 행 (exact)

| #  | reviewnum | moddate                    | regdate                    | grade | text        | club_member_cno | feed_fno |
|----|-----------|----------------------------|----------------------------|-------|-------------|-----------------|----------|
| 1  | 1         | 2024-08-16 12:52:41.422716 | 2024-08-16 12:52:41.422716 | 1     | 이 게시물은..... | 23              | 7        |
| 2  | 2         | 2024-08-16 12:52:41.500849 | 2024-08-16 12:52:41.500849 | 4     | 이 게시물은..... | 51              | 41       |
| 3  | 3         | 2024-08-16 12:52:41.500849 | 2024-08-16 12:52:41.500849 | 4     | 이 게시물은..... | 6               | 3        |
| 4  | 4         | 2024-08-16 17:04:01.751272 | 2024-08-16 12:52:41.500849 | 100   | 이 게시물은..... | 47              | 99       |
| 5  | 5         | 2024-08-16 12:52:41.516473 | 2024-08-16 12:52:41.516473 | 5     | 이 게시물은..... | 54              | 59       |
| 6  | 6         | 2024-08-16 12:52:41.516473 | 2024-08-16 12:52:41.516473 | 1     | 이 게시물은..... | 48              | 18       |
| 7  | 7         | 2024-08-16 12:52:41.516473 | 2024-08-16 12:52:41.516473 | 5     | 이 게시물은..... | 46              | 94       |
| 8  | 8         | 2024-08-16 12:52:41.516473 | 2024-08-16 12:52:41.516473 | 5     | 이 게시물은..... | 18              | 81       |
| 9  | 9         | 2024-08-16 12:52:41.532095 | 2024-08-16 12:52:41.532095 | 1     | 이 게시물은..... | 70              | 46       |
| 10 | 10        | 2024-08-16 12:52:41.532095 | 2024-08-16 12:52:41.532095 | 2     | 이 게시물은..... | 25              | 55       |
| 11 | 11        | 2024-08-16 12:52:41.532095 | 2024-08-16 12:52:41.532095 | 3     | 이 게시물은..... | 45              | 50       |
| 12 | 12        | 2024-08-16 12:52:41.532095 | 2024-08-16 12:52:41.532095 | 4     | 이 게시물은..... | 20              | 76       |
| 13 | 13        | 2024-08-16 12:52:41.547721 | 2024-08-16 12:52:41.547721 | 3     | 이 게시물은..... | 34              | 41       |
| 14 | 14        | 2024-08-16 12:52:41.547721 | 2024-08-16 12:52:41.547721 | 5     | 이 게시물은..... | 25              | 12       |
| 15 | 15        | 2024-08-16 12:52:41.547721 | 2024-08-16 12:52:41.547721 | 1     | 이 게시물은..... | 36              | 4        |
| 16 | 16        | 2024-08-16 12:52:41.547721 | 2024-08-16 12:52:41.547721 | 5     | 이 게시물은..... | 72              | 57       |
| 17 | 17        | 2024-08-16 12:52:41.563347 | 2024-08-16 12:52:41.563347 | 1     | 이 게시물은..... | 29              | 26       |
| 18 | 18        | 2024-08-16 12:52:41.563347 | 2024-08-16 12:52:41.563347 | 5     | 이 게시물은..... | 14              | 13       |
| 19 | 19        | 2024-08-16 12:52:41.563347 | 2024-08-16 12:52:41.563347 | 5     | 이 게시물은..... | 80              | 86       |
| 20 | 20        | 2024-08-16 12:52:41.563347 | 2024-08-16 12:52:41.563347 | 3     | 이 게시물은..... | 84              | 27       |
| 21 | 21        | 2024-08-16 12:52:41.563347 | 2024-08-16 12:52:41.563347 | 2     | 이 게시물은..... | 99              | 30       |
| 22 | 22        | 2024-08-16 12:52:41.578975 | 2024-08-16 12:52:41.578975 | 5     | 이 게시물은..... | 25              | 92       |
| 23 | 23        | 2024-08-16 12:52:41.578975 | 2024-08-16 12:52:41.578975 | 4     | 이 게시물은..... | 48              | 49       |
| 24 | 24        | 2024-08-16 12:52:41.578975 | 2024-08-16 12:52:41.578975 | 2     | 이 게시물은..... | 37              | 24       |
| 25 | 25        | 2024-08-16 12:52:41.578975 | 2024-08-16 12:52:41.578975 | 5     | 이 게시물은..... | 41              | 72       |
| 26 | 26        | 2024-08-16 12:52:41.578975 | 2024-08-16 12:52:41.578975 | 2     | 이 게시물은..... | 34              | 32       |
| 27 | 27        | 2024-08-16 12:52:41.594997 | 2024-08-16 12:52:41.594997 | 4     | 이 게시물은..... | 53              | 51       |
| 28 | 28        | 2024-08-16 12:52:41.594997 | 2024-08-16 12:52:41.594997 | 3     | 이 게시물은..... | 28              | 72       |
| 29 | 29        | 2024-08-16 12:52:41.594997 | 2024-08-16 12:52:41.594997 | 3     | 이 게시물은..... | 51              | 77       |
| 30 | 30        | 2024-08-16 12:52:41.594997 | 2024-08-16 12:52:41.594997 | 2     | 이 게시물은..... | 61              | 86       |
| 31 | 31        | 2024-08-16 12:52:41.594997 | 2024-08-16 12:52:41.594997 | 1     | 이 게시물은..... | 7               | 68       |
| 32 | 32        | 2024-08-16 12:52:41.610223 | 2024-08-16 12:52:41.610223 | 1     | 이 게시물은..... | 72              | 48       |
| 33 | 33        | 2024-08-16 12:52:41.610223 | 2024-08-16 12:52:41.610223 | 1     | 이 게시물은..... | 24              | 82       |
| 34 | 34        | 2024-08-16 12:52:41.610223 | 2024-08-16 12:52:41.610223 | 2     | 이 게시물은..... | 66              | 4        |
| 35 | 35        | 2024-08-16 12:52:41.610223 | 2024-08-16 12:52:41.610223 | 1     | 이 게시물은..... | 79              | 86       |
| 36 | 36        | 2024-08-16 12:52:41.610223 | 2024-08-16 12:52:41.610223 | 3     | 이 게시물은..... | 47              | 28       |
| 37 | 37        | 2024-08-16 12:52:41.625847 | 2024-08-16 12:52:41.625847 | 2     | 이 게시물은..... | 41              | 42       |
| 38 | 38        | 2024-08-16 12:52:41.625847 | 2024-08-16 12:52:41.625847 | 5     | 이 게시물은..... | 50              | 87       |

1466 SELECT \* FROM db7."club\_member\_role\_set" ORDER BY "role\_set" DESC, "club\_member\_cno" DESC LIMIT 1000;  
1467 SHOW CREATE TABLE db7."photos";  
1468 SELECT \* FROM db7."photos" LIMIT 1000;  
1469 SHOW CREATE TABLE db7."review";  
1470 SELECT \* FROM db7."review" LIMIT 1000;

r1: c2 MariaDB 11.4.2 가동 시간: 2 일, 01:48 h 서버 시간: 오후 5:21 유휴

root@db7efeedw - HeidiSQL 12.7.0.6850

파일 편집 검색 쿼리 도구 이동 도움말

데이터베이스 필터 테이블 필터

root

- db7
  - club\_member 336.0 KB
  - club\_member\_role\_set 32.0 KB
  - feed 16.0 KB
  - movie 16.0 KB
  - movie\_image 80.0 KB
  - m\_member 16.0 KB
  - note 32.0 KB
  - photos 80.0 KB
  - review 48.0 KB
  - information\_schema
  - mysql
  - performance\_schema
  - sys

db7.feed: 101 행 (정렬)

| #  | file | moddate                    | regdate                    | title     |
|----|------|----------------------------|----------------------------|-----------|
| 1  | 1    | 2024-08-16 12:52:22.599195 | 2024-08-16 12:52:22.599195 | Feed...1  |
| 2  | 2    | 2024-08-16 12:52:22.672314 | 2024-08-16 12:52:22.672314 | Feed...2  |
| 3  | 3    | 2024-08-16 12:52:22.672314 | 2024-08-16 12:52:22.672314 | Feed...3  |
| 4  | 4    | 2024-08-16 12:52:22.672314 | 2024-08-16 12:52:22.672314 | Feed...4  |
| 5  | 5    | 2024-08-16 12:52:22.687942 | 2024-08-16 12:52:22.687942 | Feed...5  |
| 6  | 6    | 2024-08-16 12:52:22.687942 | 2024-08-16 12:52:22.687942 | Feed...6  |
| 7  | 7    | 2024-08-16 12:52:22.687942 | 2024-08-16 12:52:22.687942 | Feed...7  |
| 8  | 8    | 2024-08-16 12:52:22.703568 | 2024-08-16 12:52:22.703568 | Feed...8  |
| 9  | 9    | 2024-08-16 12:52:22.703568 | 2024-08-16 12:52:22.703568 | Feed...9  |
| 10 | 10   | 2024-08-16 12:52:22.719192 | 2024-08-16 12:52:22.719192 | Feed...10 |
| 11 | 11   | 2024-08-16 12:52:22.719192 | 2024-08-16 12:52:22.719192 | Feed...11 |
| 12 | 12   | 2024-08-16 12:52:22.734817 | 2024-08-16 12:52:22.734817 | Feed...12 |
| 13 | 13   | 2024-08-16 12:52:22.734817 | 2024-08-16 12:52:22.734817 | Feed...13 |
| 14 | 14   | 2024-08-16 12:52:22.734817 | 2024-08-16 12:52:22.734817 | Feed...14 |
| 15 | 15   | 2024-08-16 12:52:22.750441 | 2024-08-16 12:52:22.750441 | Feed...15 |
| 16 | 16   | 2024-08-16 12:52:22.750441 | 2024-08-16 12:52:22.750441 | Feed...16 |
| 17 | 17   | 2024-08-16 12:52:22.766231 | 2024-08-16 12:52:22.766231 | Feed...17 |
| 18 | 18   | 2024-08-16 12:52:22.766231 | 2024-08-16 12:52:22.766231 | Feed...18 |
| 19 | 19   | 2024-08-16 12:52:22.781863 | 2024-08-16 12:52:22.781863 | Feed...19 |
| 20 | 20   | 2024-08-16 12:52:22.781863 | 2024-08-16 12:52:22.781863 | Feed...20 |
| 21 | 21   | 2024-08-16 12:52:22.797488 | 2024-08-16 12:52:22.797488 | Feed...21 |
| 22 | 22   | 2024-08-16 12:52:22.797488 | 2024-08-16 12:52:22.797488 | Feed...22 |
| 23 | 23   | 2024-08-16 12:52:22.797488 | 2024-08-16 12:52:22.797488 | Feed...23 |
| 24 | 24   | 2024-08-16 12:52:22.813114 | 2024-08-16 12:52:22.813114 | Feed...24 |
| 25 | 25   | 2024-08-16 12:52:22.813114 | 2024-08-16 12:52:22.813114 | Feed...25 |
| 26 | 26   | 2024-08-16 12:52:22.840387 | 2024-08-16 12:52:22.840387 | Feed...26 |
| 27 | 27   | 2024-08-16 12:52:22.840387 | 2024-08-16 12:52:22.840387 | Feed...27 |
| 28 | 28   | 2024-08-16 12:52:22.840387 | 2024-08-16 12:52:22.840387 | Feed...28 |
| 29 | 29   | 2024-08-16 12:52:22.856019 | 2024-08-16 12:52:22.856019 | Feed...29 |
| 30 | 30   | 2024-08-16 12:52:22.856019 | 2024-08-16 12:52:22.856019 | Feed...30 |
| 31 | 31   | 2024-08-16 12:52:22.856019 | 2024-08-16 12:52:22.856019 | Feed...31 |
| 32 | 32   | 2024-08-16 12:52:22.871640 | 2024-08-16 12:52:22.871640 | Feed...32 |
| 33 | 33   | 2024-08-16 12:52:22.871640 | 2024-08-16 12:52:22.871640 | Feed...33 |
| 34 | 34   | 2024-08-16 12:52:22.889405 | 2024-08-16 12:52:22.889405 | Feed...34 |
| 35 | 35   | 2024-08-16 12:52:22.889405 | 2024-08-16 12:52:22.889405 | Feed...35 |
| 36 | 36   | 2024-08-16 12:52:22.889405 | 2024-08-16 12:52:22.889405 | Feed...36 |
| 37 | 37   | 2024-08-16 12:52:22.910036 | 2024-08-16 12:52:22.910036 | Feed...37 |
| 38 | 38   | 2024-08-16 12:52:22.910036 | 2024-08-16 12:52:22.910036 | Feed...38 |

X 열다: 쿼리 기록

```
1468 SELECT * FROM `db7`.`photos` LIMIT 1000;
1469 SHOW CREATE TABLE `db7`.`review`;
1470 SELECT * FROM `db7`.`review` LIMIT 1000;
1471 SHOW CREATE TABLE `db7`.`feed`;
1472 SELECT * FROM `db7`.`feed` LIMIT 1000;
```

r1 - c2 | MariaDB 11.4.2 | 가동 시간: 2 일, 01:48 h | 서버 시간: 오후 5:21 | 유틸 | 32°C 배 약간 | 오후 5:21 2024-08-16