
문제해결 7



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제 출 일	2025.10.20

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명령 프롬프트

Board									
게시판									
Table comment									
Num	PK	AI	FK	Null	Logical Name	Name	Type	Default	Comment
1	✓	✓	+		게시판 ID	board_id	BIGINT		
2			+	✓	종류	type	VARCHAR(20)		
3			+	✓	제목	title	VARCHAR(50)		
4			+	✓	내용	content	TEXT		
5			+	✓	작성자 ID	writer_id	BIGINT		
6			+	✓	작성자 이름	writer_name	VARCHAR(50)		
7			+	✓	작성일자	create_dt	DATETIME		
8			+	✓	수정일자	update_dt	DATETIME		
9			+	✓	조회수	view_count	INT		
10			+	✓	삭제 여부	is_deleted	CHAR(1)		

테이블 쿼리 만들어줘

DB 생성

```
[(base) hataeyeong@hataeyeong-ui-MacBookPro ~ % mysql -u root -p
[Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 14
Server version: 8.0.42 Homebrew
```

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
[mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| testdb |
+-----+
5 rows in set (0.07 sec)
```

```
[mysql> create database board;
Query OK, 1 row affected (0.02 sec)
```

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

Properties

Data

엔티티 관계도

테이블명:

Board

Partitioned

Engine:

InnoDB

Auto Increment:

12

Charset:

utf8mb4

Collation:

utf8mb4_0900_ai_ci

Description:

Columns	칼럼명	#	Data Type	Not Null	Auto Increment	Key	디폴트	Extra	Expression	Comment
Constraints	123 board_id	1	bigint	[v]	[v]	PRI		auto_increment		게시판 ID (PK)
Foreign Keys	A/z type	2	varchar(20)	[v]	[]					게시글 종류 (예: 자유, 공지, QnA)
References	A/z title	3	varchar(255)	[v]	[]					게시글 제목
Triggers	A/z content	4	text	[v]	[]					게시글 내용
Indexes	123 writer_id	5	bigint	[v]	[]					작성자인 ID (FK)
Partitions	A/z writer_name	6	varchar(50)	[v]	[]					작성자 이름 (캐싱용)
Statistics	create_dt	7	datetime	[v]	[]		CURRENT_TIMESTAMP	DEFAULT_GENERATED		작성일자
DDL	update_dt	8	datetime	[]	[]			on update CURRENT_TIMESTAMP		수정일자
	123 view_count	9	int	[v]	[]		0			조회수
	A/z is_deleted	10	char(1)	[v]	[]		'N'			삭제 여부 (Y/N)

Virtual

<Board Script-4 X Board
100%

```

-- CREATE TABLE board (
    board_id BIDENT NOT NULL AUTO_INCREMENT COMMENT '게시판 ID',
    type VARCHAR(20) NOT NULL COMMENT '종류',
    title VARCHAR(50) NOT NULL COMMENT '제목',
    content TEXT NOT NULL COMMENT '내용',
    writer_id BIDENT NOT NULL COMMENT '작성자 ID',
    writer_name VARCHAR(50) NOT NULL COMMENT '작성자 이름',
    create_dt DATETIME NOT NULL COMMENT '작성일자',
    update_dt DATETIME NOT NULL COMMENT '수정일자',
    view_count INT NOT NULL DEFAULT 0 COMMENT '조회수',
    is_deleted CHAR(1) NOT NULL DEFAULT 'N' COMMENT '삭제 여부',
    PRIMARY KEY (board_id)
) COMMENT = '게시판';

INSERT INTO board (type, title, content, writer_id, writer_name, create_dt, update_dt, view_count, is_deleted) VALUES ('type 01', 'title 01', 'content 01', 01, 'writer_name 01', NOW(), NOW(), 01, 'N');
INSERT INTO board (type, title, content, writer_id, writer_name, create_dt, update_dt, view_count, is_deleted) VALUES ('type 02', 'title 02', 'content 02', 02, 'writer_name 02', NOW(), NOW(), 02, 'N');
INSERT INTO board (type, title, content, writer_id, writer_name, create_dt, update_dt, view_count, is_deleted) VALUES ('type 03', 'title 03', 'content 03', 03, 'writer_name 03', NOW(), NOW(), 03, 'N');
INSERT INTO board (type, title, content, writer_id, writer_name, create_dt, update_dt, view_count, is_deleted) VALUES ('type 04', 'title 04', 'content 04', 04, 'writer_name 04', NOW(), NOW(), 04, 'N');
INSERT INTO board (type, title, content, writer_id, writer_name, create_dt, update_dt, view_count, is_deleted) VALUES ('type 05', 'title 05', 'content 05', 05, 'writer_name 05', NOW(), NOW(), 05, 'N');
INSERT INTO board (type, title, content, writer_id, writer_name, create_dt, update_dt, view_count, is_deleted) VALUES ('type 06', 'title 06', 'content 06', 06, 'writer_name 06', NOW(), NOW(), 06, 'N');
INSERT INTO board (type, title, content, writer_id, writer_name, create_dt, update_dt, view_count, is_deleted) VALUES ('type 07', 'title 07', 'content 07', 07, 'writer_name 07', NOW(), NOW(), 07, 'N');
INSERT INTO board (type, title, content, writer_id, writer_name, create_dt, update_dt, view_count, is_deleted) VALUES ('type 08', 'title 08', 'content 08', 08, 'writer_name 08', NOW(), NOW(), 08, 'N');
INSERT INTO board (type, title, content, writer_id, writer_name, create_dt, update_dt, view_count, is_deleted) VALUES ('type 09', 'title 09', 'content 09', 09, 'writer_name 09', NOW(), NOW(), 09, 'N');
INSERT INTO board (type, title, content, writer_id, writer_name, create_dt, update_dt, view_count, is_deleted) VALUES ('type 10', 'title 10', 'content 10', 10, 'writer_name 10', NOW(), NOW(), 10, 'N');

select * from board;

delete from board;

TRUNCATE TABLE board;
  
```

Statistics 1 Statistics 2 board 3 X
100%

Enter a SQL expression to filter results (use Ctrl+Space)

	123 = board_id	A2 type	A2 title	A2 content	123 writer_id	A2 writer_name	create_dt	update_dt	123 view_count	A2 is_deleted
1	1	type 01	title 01	content 01	1	writer_name 01	2025-10-20 07:05:13	2025-10-20 07:05:13	1	N
2	2	type 02	title 02	content 02	2	writer_name 02	2025-10-20 07:05:14	2025-10-20 07:05:14	2	N
3	3	type 03	title 03	content 03	3	writer_name 03	2025-10-20 07:05:15	2025-10-20 07:05:15	3	N
4	4	type 04	title 04	content 04	4	writer_name 04	2025-10-20 07:05:15	2025-10-20 07:05:15	4	N
5	5	type 05	title 05	content 05	5	writer_name 05	2025-10-20 07:05:17	2025-10-20 07:05:17	5	N
6	6	type 06	title 06	content 06	6	writer_name 06	2025-10-20 07:05:18	2025-10-20 07:05:18	6	N
7	7	type 07	title 07	content 07	7	writer_name 07	2025-10-20 07:05:19	2025-10-20 07:05:19	7	N
8	8	type 08	title 08	content 08	8	writer_name 08	2025-10-20 07:05:19	2025-10-20 07:05:19	8	N
9	9	type 09	title 09	content 09	9	writer_name 09	2025-10-20 07:05:20	2025-10-20 07:05:20	9	N
10	10	type 10	title 10	content 10	10	writer_name 10	2025-10-20 07:05:20	2025-10-20 07:05:20	10	N