

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

entry\_d41

Tables

Views

Stored Procedures

Functions

library

Tables

books

branch

customer

Administration Schemas

Information

Schema: entry\_d41

20 • CREATE EVENT auto\_delete\_old\_records

21 ON SCHEDULE EVERY 1 DAY

22 DO

23 DELETE FROM logs WHERE created\_at < NOW() - INTERVAL 30 DAY;

24

25 • SHOW EVENTS;

26 • DROP EVENT IF EXISTS auto\_delete\_old\_records;

27 • SELECT \* FROM INFORMATION\_SCHEMA.EVENTS WHERE EVENT\_NAME = 'auto\_delete\_old\_records';

Result Grid

	EVENT_CATALOG	EVENT_SCHEMA	EVENT_NAME	DEFINER	TIME_ZONE	EVENT_BODY	EVENT_DEFINITION	EVENT_TYPE	EXECUTE_AT	INTERVAL_VAL
▶	def	entry_d41	auto_delete_old_records	root@localhost	SYSTEM	SQL	DELETE FROM logs WHERE created_at < NOW(...	RECURRING	NULL	1

EVENTS 3

Output

Action Output

#	Time	Action	Message	Duration / Fetch
9	22:10:46	SHOW EVENTS	1 row(s) returned	0.000 sec / 0.000 sec
10	22:11:02	SELECT * FROM INFORMATION_SCHEMA.EVENTS WHERE EVENT_NAME = 'auto_del...	1 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

SCHEMAS

Filter objects

entry\_d41

- Tables
- Views
- Stored Procedures
- Functions

library

- Tables
  - books
  - branch
  - customer

AdministrationSchemas

defined functionsjoinsub queriesviewsstored procedurestriggersspDCLModule End Project\_MySQL- Li...Day 38- Triggers and events in...

6if new.salary<200007then8 SIGNAL SQLSTATE '45000' SET MESSAGE\_TEXT= "staffs with salary less than 20000 not allowed";9end if;10END \$\$11DELIMITER ;1213 • show triggers from product;

Result Grid

Filter Rows:

Export:Wrap Cell Content:

	Trigger	Event	Table	Statement	Timing	Created	sql_mode	Definer
▶	before_insert_employee	INSERT	employees_new	begin if new.salary<20000 then SIGNAL SQLST...	BEFORE	2024-11-12 19:27:30.22	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost
	new_insertion	INSERT	employees_new	begin insert into employee_log (employee_id,ac...	AFTER	2024-11-12 20:08:12.90	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost
	position_change	UPDATE	employees_new	begin if old.position="intern" then SIGNAL SQLS...	BEFORE	2024-11-12 19:36:38.33	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost
	after_update_employee	UPDATE	employees_new	BEGIN INSERT INTO employee_log (employee_j...	AFTER	2024-11-13 21:20:15.21	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost
	after_delete_employee	DELETE	employees_new	BEGIN INSERT INTO employee_log (employee_j...	AFTER	2024-11-13 21:26:16.23	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLE...	root@localhost

Result 1 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 3	22:08:50	CREATE TRIGGER before_insert_staff before insert on staffs for each row begin if new.sala...	0 row(s) affected	0.016 sec
✓ 4	22:09:32	show triggers from product	5 row(s) returned	0.016 sec / 0.000 sec

Object InfoSession

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigation: **defined functions** joins sub queries views stored procedures triggers op DCL Module End Project\_MySQL- Li... Day 38- Triggers and events in...

**SCHEMAS**

Filter objects

- entry\_d41
  - Tables
  - Views
  - Stored Procedures
  - Functions
  - library
    - Tables
      - books
      - branch
      - customer

Administration Schemas

Schema: entry\_d41

```
8 SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT= "staffs with salary less than 20000 not allowed";
9 end if;
10 END $$
11 DELIMITER ;
12
13 • show triggers from product;
14 • insert into staffs (staff_id,staff_name,department,salary) values (7,"jibi","marketing",15000);
15
16 # create an event
17 • SET GLOBAL event_scheduler = ON;
18
19
20 • CREATE EVENT auto_delete_old_records
21 ON SCHEDULE EVERY 1 DAY
22 DO
23 DELETE FROM logs WHERE created_at < NOW() - INTERVAL 30 DAY;
24
25 • SHOW EVENTS;
26 • DROP EVENT IF EXISTS auto_delete_old_records;
27 • SELECT * FROM INFORMATION_SCHEMA.EVENTS WHERE EVENT_NAME = 'auto_delete_old_records';
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 4	22:09:32	show triggers from product	5 row(s) returned	0.016 sec / 0.000 sec
✗ 5	22:10:17	insert into staffs (staff_id,staff_name,department,salary) values (7,"jibi","marketing",15000)	Error Code: 1644 staffs with salary less than 20000 not allowed	0.031 sec

Object Info Session

mysql workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

entry\_d41

- Tables
- Views
- Stored Procedures
- Functions
- Library
  - Tables
    - books
    - branch
    - customer

Administration Schemas

Information

Schema: entry\_d41

Result Grid

Filter Rows: Export: Wrap Cell Contents

Db	Name	Definer	Time zone	Type	Execute at	Interval value	Interval field	Starts	Ends	Status	Originator	character_set_client
entry_d41	auto_delete_old_records	root@localhost	SYSTEM	RECURRING	NULL	1	DAY	2024-11-22 22:10:43	NULL	ENABLED	1	utf8mb4

Result 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	22:10:43	CREATE EVENT auto_delete_old_records ON SCHEDULE EVERY 1 DAY DO DELETE F...	0 row(s) affected	0.047 sec
9	22:10:46	SHOW EVENTS	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session