

Create after_update trigger

```
MariaDB [te31348_db]> delimiter //
MariaDB [te31348_db]> CREATE TRIGGER library_after_delete
-> AFTER DELETE ON Library
-> FOR EACH ROW
-> BEGIN
-> INSERT INTO Library_Audit (Audit_ID, Library_ID, Title, Author, Publication_Year, Operation, Operation_Time)
-> VALUES (NULL, OLD.Library_ID, OLD.Title, OLD.Author, OLD.Publication_Year, 'DELETE', NOW());
-> END;
-> //
```

Query OK, 0 rows affected (0.104 sec)

Create before update Trigger

```
MariaDB [te31348_db]> Delimiter //
MariaDB [te31348_db]> CREATE TRIGGER library_before_update
-> BEFORE UPDATE ON Library
-> FOR EACH ROW
-> BEGIN
-> INSERT INTO Library_Audit (Audit_ID, Library_ID, Title, Author, Publication_Year, Operation, Operation_Time)
-> VALUES (NULL, OLD.Library_ID, OLD.Title, OLD.Author, OLD.Publication_Year, 'UPDATE', NOW());
-> END;
-> //
```

Perform Update and Delete

```
MariaDB [te31348_db]> delete from Library where Publication_Year = 2005;
-> //
```

Query OK, 1 row affected (0.042 sec)

```
MariaDB [te31348_db]> update Library
-> set Publication_Year = 2018
-> where Library_ID = 1;
```

Query OK, 1 row affected (0.034 sec)
Rows matched: 1 Changed: 1 Warnings: 0