

MMQ MariaDB

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- MARIADB
- MESSAGE-QUEUE
- BLACKHOLE
- REPLICATION

MMQ — MARIADB AS A MESSAGE QUEUE Blackhole engine + binlog replication + InnoDB consumers



Sometimes the best architecture uses what you already have

Introduction

Message queues like Kafka, RabbitMQ, Redis Streams, or MariaDB binlog can be used to build a message queue. MariaDB / MySQL is a good choice for this purpose.

MMQ

MMQ (MariaDB Message Queue) is a message queue implemented using MariaDB.

- Blackhole** engine to capture INSERT statements into the binlog.
- Binlog** replication to replicate the binlog to other servers.
- InnoDB** triggers to consume the binlog.

Publisher

The publisher is a MariaDB instance with the Blackhole engine.

```
CREATE TABLE message_queue (  
  msg_id BIGINT NOT NULL,  
  topic VARCHAR(255) NOT NULL,  
  payload JSON NOT NULL,  
  PRIMARY KEY (msg_id)
```


