

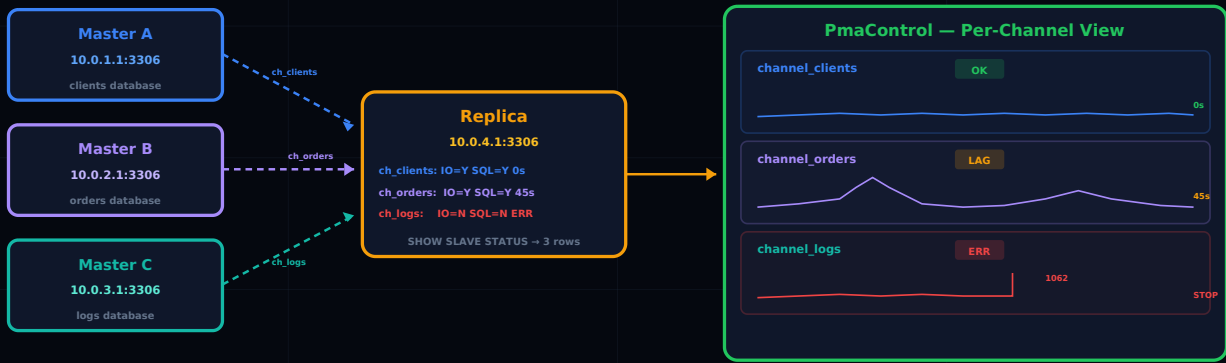
# PmaControl

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MARIADB MYSQL MULTI-SOURCE REPLICATION MONITORING PMACONTROL

## MULTI-SOURCE REPLICATION MONITORING

Multiple masters, one replica — per-channel supervision in PmaControl



### ROADMAP — PLANNED IMPROVEMENTS

- Unified Dashboard**  
All channels at a glance
- Aggregated Lag**  
Max, avg, error count
- Per-Channel Alerts**  
Telegram per channel
- Health Matrix**  
Heatmap per channel/day

PmaControl — Multi-Source Replication for MariaDB / MySQL



channel IO SQL



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- 
- MariaDB / MySQL

MySQL 8.4 PmaControl



## MariaDB

MariaDB 10.0

```

-- 1
CHANGE MASTER 'channel_clients' TO
  MASTER_HOST = '10.0.1.1',
  MASTER_USER = 'repl',
  MASTER_PASSWORD = 'secret',
  MASTER_USE_GTID = slave_pos;
START SLAVE 'channel_clients';

-- 2
CHANGE MASTER 'channel_orders' TO
  MASTER_HOST = '10.0.2.1',
  MASTER_USER = 'repl',
  MASTER_PASSWORD = 'secret',
  MASTER_USE_GTID = slave_pos;
START SLAVE 'channel_orders';

```

## MySQL 8.0+

MySQL FOR CHANNEL

```

-- 1
CHANGE REPLICATION SOURCE TO
  SOURCE_HOST = '10.0.1.1',
  SOURCE_USER = 'repl',
  SOURCE_PASSWORD = 'secret',
  SOURCE_AUTO_POSITION = 1
  FOR CHANNEL 'channel_clients';
START REPLICATION FOR CHANNEL 'channel_clients';

-- 2
CHANGE REPLICATION SOURCE TO
  SOURCE_HOST = '10.0.2.1',
  SOURCE_USER = 'repl',
  SOURCE_PASSWORD = 'secret',
  SOURCE_AUTO_POSITION = 1
  FOR CHANNEL 'channel_orders';
START REPLICATION FOR CHANNEL 'channel_orders';

```

## PmaControl





PmaControl [REDACTED]

[REDACTED]"[REDACTED]"[REDACTED]

[REDACTED]

[REDACTED]/[REDACTED]

```
channel_clients [REDACTED] IO: Yes SQL: Yes Lag: 0s
channel_orders [REDACTED] IO: Yes SQL: Yes Lag: 45s
channel_logs [REDACTED] IO: No SQL: No Error: 1062
```

[REDACTED]

PmaControl [REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED]"[REDACTED] 60 "[REDACTED] 10 [REDACTED]

[REDACTED]

[REDACTED] A [REDACTED] B [REDACTED]

PmaControl [REDACTED]DBA [REDACTED]

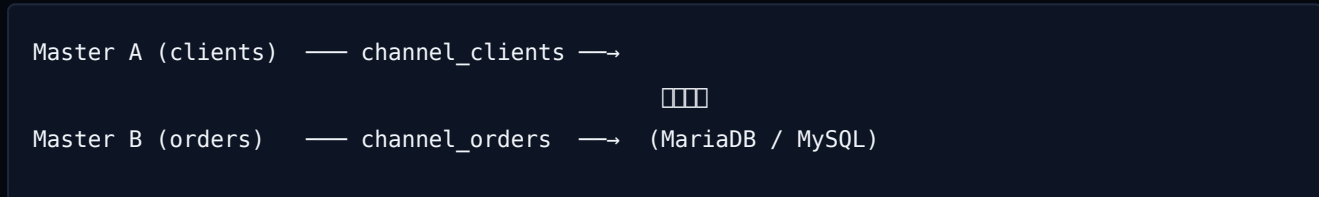
[REDACTED]

[REDACTED]channel\_clients [REDACTED]channel\_orders [REDACTED]"[REDACTED] X [REDACTED]"[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



Master C (logs) — channel\_logs →

channel\_logs PmaControl C

PmaControl channel\_logs

channel\_legacy — channel\_legacy →  
channel\_new — channel\_new →

channel\_legacy PmaControl

REPLICATE\_D0\_DB REPLICATE\_REWRITE\_DB

```
CHANGE REPLICATION FILTER
  REPLICATE_D0_DB = (clients, clients_archive)
  FOR CHANNEL 'channel_clients';

CHANGE REPLICATION FILTER
  REPLICATE_D0_DB = (orders, order_items)
  FOR CHANNEL 'channel_orders';
```

PmaControl

PmaControl

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