

**Name**

mariadb\_rpl\_fetch - fetches next event from replication stream

**Synopsis**

```
#include <mariadb_rpl.h>
```

```
MARIADB_RPL_EVENT *mariadb_rpl_fetch(MARIADB_RPL *rpl, MARIADB_RPL_EVENT *event)
```

**Description**

Fetches one event from the replication stream

**Parameter**

- ⊕ rpl - A replication handle which was initialized by **mariadb\_rpl\_init(3)** and connected by **mariadb\_rpl\_open(3)**.
- ⊕ event - An event which was returned by a previous call to mariadb\_rpl\_fetch. If this value is NULL the function will allocate new memory for the event, otherwise the passed event value will be overwritten.

**Return value**

An event handle or NULL if EOF packet was received.

**Notes**

Event memory needs to be freed by calling **mariadb\_rpl\_free\_event(3)**.

**See also**

- ⊕ **mariadb\_rpl\_free\_event(3)**

**History**

mariadb\_rpl\_fetch was added in MariaDB Connector/C 3.1.0