

Real-Time data

The session data that are recorded by SQL DM by MySQL Real-Time are stored in SQLite in Monyog directories data folder.

The Real-time database has many tables. Schema details are as follows:

innodb_locks:

```
CREATE TABLE `innodb_locks` (  
  `row_id` INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,  
  `lock_id` VARCHAR (81) NOT NULL DEFAULT '',  
  `lock_type` VARCHAR (32) NOT NULL DEFAULT '',  
  `lock_table` VARCHAR (1024) NOT NULL DEFAULT '',  
  `lock_index` VARCHAR (1024) DEFAULT NULL,  
  `lock_data` VARCHAR (8192) DEFAULT NULL,  
  `lock_mode` VARCHAR (8192) DEFAULT NULL)
```

innodb_transactions:

```
CREATE TABLE `innodb_transactions` (  
  `row_id` INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,  
  `trx_id` VARCHAR (18) NOT NULL DEFAULT '',  
  `trx_state` VARCHAR (13) NOT NULL DEFAULT '',  
  `trx_start_time` INTEGER NOT NULL,  
  `trx_query_id` INTEGER (128) NOT NULL DEFAULT '',  
  `trx_query_starttime` INTEGER NOT NULL,  
  `trx_query_endtime` INTEGER NOT NULL,  
  `trx_user_host` VARCHAR (20) NOT NULL DEFAULT '',  
  `trx_db` VARCHAR (64) NOT NULL DEFAULT '',  
  `blocking_trx_id` VARCHAR (18) NOT NULL DEFAULT '',  
  `blocking_query_id` INTEGER NOT NULL DEFAULT '')
```

metric_master:

```
CREATE TABLE [ metric_master ] (  
  [ metric_id ] INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,  
  [ metric_desc ] TEXT ASC UNIQUE)
```

profiler_timestamps:

```
CREATE TABLE `profiler_timestamps` (  
  [ timestamp_id ] INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,  
  [ server_timestamp ] INTEGER UNIQUE)
```

query_master:

```
CREATE TABLE 'query_master' (  
  'id' INTEGER PRIMARY KEY AUTOINCREMENT,  
  'query' TEXT,  
  UNIQUE ('query'))
```

query_snapshot:

```
CREATE TABLE 'query_snapshot' (  
  'pkeyid' INTEGER PRIMARY KEY AUTOINCREMENT,  
  'id' INTEGER,  
  'threadid' INTEGER,  
  'user' TEXT,  
  'querytime' INTEGER,  
  'uptime' INTEGER,  
  'host' TEXT,  
  'state' TEXT,  
  'db' TEXT)
```

schema_master:

```
CREATE TABLE [ schema_master ] (  
  [ schema_id ] INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,  
  [ schema_name ] TEXT UNIQUE)
```

schema_version:

```
CREATE TABLE [ schema_version ] (  
  [ schema_desc ] TEXT,  
  [ schema_major_version ] TEXT,  
  [ schema_minor_version ] TEXT,  
  PRIMARY KEY (  
    [ schema_major_version ],  
    [ schema_minor_version ]))
```

snapshot_master:

```
CREATE TABLE [ snapshot_master ] (  
  [ timestamp_id ] INTEGER NOT NULL,  
  [ metric_id ] INTEGER NOT NULL,  
  [ metric_now ] TEXT,  
  [ metric_diff ] TEXT,  
  PRIMARY KEY (metric_id, timestamp_id))
```

sqlite_sequence:

```
CREATE TABLE sqlite_sequence(name,seq)
```

table_master:

```
CREATE TABLE [ table_master ] (  
  [ table_id ] INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,  
  [ schema_id ] INTEGER,  
  [ table_name ] TEXT,  
  UNIQUE (schema_id, table_name))
```

table_snapshot:

```
CREATE TABLE \[ table\_snapshot \] (  
  \[ timestamp\_id \] INTEGER NOT NULL, \[ table\_id \] INTEGER NOT  
  NULL, \[ COUNT\] INTEGER, PRIMARY KEY (timestamp\_id, table\_id))
```

timestamp_master:

```
CREATE TABLE \[ timestamp\_master \] (  
  \[ timestamp\_id \] INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT  
  UNIQUE, \[ server\_timestamp \] INTEGER UNIQUE, \[  
  server\_start\_time \] INTEGER, \[ server\_uptime \] INTEGER, \[  
  server\_uptime\_diff \] INTEGER, \[ server\_is\_connected \]  
  INTEGER)
```

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