



MySQL | LAST_DAY() Function



Shubrodeep Banerjee

Read

Discuss

Courses

Practice

The LAST_DAY() function in MySQL can be used to know the last day of the month for a given date or a datetime. The LAST_DAY() function takes a *date* value as argument and returns the last day of month in that *date*. The *date* argument represents a valid date or datetime.

Syntax:

```
LAST_DAY( Date );
```

If the date or datetime value is invalid, the function returns NULL.

Parameters Used:

Date: The LAST_DAY() function takes a single argument Date. It is the date or datetime value for which you want to extract the last day of the month.

AD

Trending Now DSA Data Structures Algorithms Interview Preparation Data Science Topic-wise Practice J.

The LAST_DAY() function returns the last day of the month for a valid *Date* argument. If the argument *Date* is invalid or null, then the function will also return NULL.

Below are some common examples or usages of the LAST_DAY() function:

1. Extracting last day from a given date:

To know the last date of the month December 2017, the LAST_DAY() function can be executed in the following way:

Syntax :



```
mysql> SELECT LAST_DAY('2017-12-25');
```

Output :

```
'2017-12-31'
```

2. Extracting the last day from a given datetime:

To know the last date of the month December using datetime format, the LAST_DAY() function can be executed in the following way:

Syntax :

```
mysql> SELECT LAST_DAY('2017-12-25 08:21:05');
```

Output :

```
'2017-12-31'
```

3. Checking whether it is a leap year or not:

To know whether the year is a leap year or not, we can use the LAST_DAY() function to check the last day of the month February of that year. If it is the 29th day then that year is leap otherwise not.

Syntax :

```
mysql> SELECT LAST_DAY('2016-02-17');
```

Output :

```
'2016-02-29'
```

4. Extracting the last day for the current month:

To know the last date of the current month ,the LAST_DAY() function is combined with the NOW() or CURDATE() function and can be executed in the following way:

Using the NOW() function: The NOW() function in MySQL returns the current date-time stamp.

Syntax :

```
mysql> SELECT LAST_DAY(NOW());
```

Output :

```
'2017-12-31'
```

5. Using the CURDATE() function: The CURDATE() function in MySQL return the current date in Date format.

Syntax :

```
mysql> SELECT LAST_DAY(CURDATE());
```

Output :

```
'2017-12-31'
```

6. Extracting the last day of the next month:

To know the last date of the next month, the last_day() function can be executed in the following way:

Syntax :

```
mysql> SELECT LAST_DAY(CURDATE() + INTERVAL 1 MONTH);
```

Output :

```
'2018-01-31'
```

Last Updated : 21 Mar, 2018

Similar Reads

1. [PLSQL | LAST_DAY Function](#)
2. [LOCALTIME\(\) and LAST_DAY\(\) Function in MariaDB](#)
3. [MySQL | Common MySQL Queries](#)