

MySQL 常用函數

文字函數

mysql> SELECT CONCAT('Mr.','Lee'); //將兩字符串相連

```
+-----+
| CONCAT('Mr.','Lee') |
+-----+
| Mr.Lee              |
+-----+
1 row in set (0.00 sec)
```

mysql> SELECT LENGTH('Lee'); //返回字符串長度

```
+-----+
| LENGTH('Lee') |
+-----+
|              3 |
+-----+
1 row in set (0.00 sec)
```

mysql> SELECT LEFT('Lee',2); //選取字符串左邊指定個數

```
+-----+
| LEFT('Lee',2) |
+-----+
| Le            |
+-----+
1 row in set (0.01 sec)
```

mysql> SELECT TRIM(' 234 '); //刪除字符串左右空格

```
+-----+
| TRIM(' 234 ') |
+-----+
| 234           |
+-----+
1 row in set (0.00 sec)
```

mysql> SELECT SUBSTRING('THIS IS A TEACHER',2,5); //選取字符串第 2 位到
第 5 位的字串

```
+-----+
| SUBSTRING('THIS IS A TEACHER',2,5) |
+-----+
| HIS I                               |
+-----+
1 row in set (0.00 sec)
```

mysql> SELECT MD5('123456'); //MD5 加密

```
+-----+
| MD5('123456')                      |
+-----+
| e10adc3949ba59abbe56e057f20f883e |
+-----+
1 row in set (0.01 sec)
```

mysql> SELECT SHA('123456'); //SHA 加密

```
+-----+
| SHA('123456')                      |
+-----+
| 7c4a8d09ca3762af61e59520943dc26494f8941b |
+-----+
1 row in set (0.00 sec)
```

數學函數

mysql> SELECT ABS(-5); //絕對值

```
+-----+
| ABS(-5) |
+-----+
|      5 |
+-----+
1 row in set (0.00 sec)
```

mysql> SELECT ROUND(4.55); //四捨五入

```
+-----+
| ROUND(4.55) |
+-----+
|           5 |
+-----+
```

1 row in set (0.01 sec)

mysql> SELECT FLOOR(4.66); //無條件捨去

```
+-----+
| FLOOR(4.66) |
+-----+
|           4 |
+-----+
```

1 row in set (0.01 sec)

mysql> SELECT CEILING(4.67); //無條件進位

```
+-----+
| CEILING(4.67) |
+-----+
|           5 |
+-----+
```

1 row in set (0.00 sec)

mysql> SELECT RAND()*10; 跑出 0~1.0 間任意數字

```
+-----+
| RAND()*10      |
+-----+
| 0.7190691313883933 |
+-----+
```

1 row in set (0.01 sec)

日期與時間函數

mysql> SELECT NOW(); //返回當前時間

```
+-----+
```

```
| NOW() |
+-----+
| 2017-08-26 18:16:58 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT HOUR(NOW());           //返回目前小時
+-----+
| HOUR(NOW()) |
+-----+
|          18 |
+-----+
1 row in set (0.01 sec)
```

```
mysql> SELECT MINUTE(NOW());         //返回當前分鐘
+-----+
| MINUTE(NOW()) |
+-----+
|          19 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT SECOND(NOW());         //返回當前秒數
+-----+
| SECOND(NOW()) |
+-----+
|          18 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT DAYNAME(NOW());        //返回當前星期名稱
+-----+
| DAYNAME(NOW()) |
+-----+
```

```
| Saturday          |
+-----+
1 row in set (0.01 sec)
```

```
mysql> SELECT DAYOFMONTH(NOW());    //返回日期數
+-----+
| DAYOFMONTH(NOW()) |
+-----+
|                26 |
+-----+
1 row in set (0.01 sec)
```

```
mysql> SELECT MONTHNAME(NOW());    //返回月份名稱
+-----+
| MONTHNAME(NOW()) |
+-----+
| August           |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT MONTH(NOW());        //返回月份數值
+-----+
| MONTH(NOW()) |
+-----+
|            8 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT YEAR(NOW());         //返回年份數值
+-----+
| YEAR(NOW()) |
+-----+
|        2017 |
+-----+
```

1 row in set (0.00 sec)

```
mysql> SELECT CURDATE();           //返回年月日期
```

```
+-----+  
| CURDATE() |  
+-----+  
| 2017-08-26 |  
+-----+
```

1 row in set (0.00 sec)

```
mysql> SELECT CURTIME();          //返回時分秒
```

```
+-----+  
| CURTIME() |  
+-----+  
| 18:25:40  |  
+-----+
```

1 row in set (0.00 sec)

```
mysql> SELECT NOW();              //返回日期加時間
```

```
+-----+  
| NOW()      |  
+-----+  
| 2017-08-26 18:26:18 |  
+-----+
```

1 row in set (0.00 sec)

格式化日期與時間(DATE_FORMAT()和 TIME_FORMAT())

```
mysql> SELECT DATE_FORMAT(NOW(),'%Y');
```

```
+-----+  
| DATE_FORMAT(NOW(),'%Y') |  
+-----+  
| 2017                      |  
+-----+
```

1 row in set (0.01 sec)

```
mysql> SELECT DATE_FORMAT(NOW(),'%e');
```

```
+-----+
| DATE_FORMAT(NOW(),'%e') |
+-----+
| 26                        |
+-----+
```

1 row in set (0.00 sec)

```
mysql> SELECT DATE_FORMAT(NOW(),'%D');
```

```
+-----+
| DATE_FORMAT(NOW(),'%D') |
+-----+
| 26th                      |
+-----+
```

1 row in set (0.00 sec)

```
mysql> SELECT DATE_FORMAT(NOW(),'%W');
```

```
+-----+
| DATE_FORMAT(NOW(),'%W') |
+-----+
| Saturday                 |
+-----+
```

1 row in set (0.00 sec)

```
mysql> SELECT DATE_FORMAT(NOW(),'%c');
```

```
+-----+
| DATE_FORMAT(NOW(),'%c') |
+-----+
| 8                        |
+-----+
```

1 row in set (0.00 sec)

```
mysql> SELECT DATE_FORMAT(NOW(),'%T');
```

```
+-----+
| DATE_FORMAT(NOW(),'%T') |
+-----+
| 18:44:11                |
+-----+
```

1 row in set (0.00 sec)

```
mysql> SELECT DATE_FORMAT(NOW(),'%r');
```

```
+-----+
| DATE_FORMAT(NOW(),'%r') |
+-----+
| 06:45:32 PM              |
+-----+
```

1 row in set (0.00 sec)

```
mysql> SELECT DATE_FORMAT(NOW(),'%p');
```

```
+-----+
| DATE_FORMAT(NOW(),'%p') |
+-----+
| PM                        |
+-----+
```

1 row in set (0.00 sec)

//結合顯示

```
mysql> SELECT DATE_FORMAT(NOW(),'%H,%i,%S,%p');
```

```
+-----+
| DATE_FORMAT(NOW(),'%H,%i,%S,%p') |
+-----+
| 18,47,20,PM                        |
+-----+
```

1 row in set (0.00 sec)