# Adaptations MySQL for GolfLC

Histrorique des modifications Database

Le 15-03-2020

When you [insert](https://www.mysqltutorial.org/mysql-insert-statement.aspx) a TIMESTAMP value into a table, MySQL converts it from your connection’s time zone **to UTC** for storing.

<https://dev.mysql.com/doc/refman/8.0/en/time-zone-support.html>

[time\_zone](https://dev.mysql.com/doc/refman/8.0/en/server-system-variables.html#sysvar_time_zone)

| **Property** | **Value** |
| --- | --- |
| **System Variable** | [time\_zone](https://dev.mysql.com/doc/refman/8.0/en/server-system-variables.html#sysvar_time_zone) |
| **Scope** | Global, Session |
| **Dynamic** | Yes |
| [SET\_VAR](https://dev.mysql.com/doc/refman/8.0/en/optimizer-hints.html#optimizer-hints-set-var)**Hint Applies** (>= 8.0.17) | Yes |
| [SET\_VAR](https://dev.mysql.com/doc/refman/8.0/en/optimizer-hints.html#optimizer-hints-set-var)**Hint Applies** (<= 8.0.16) | No |
| **Type** | String |
| **Default Value** | SYSTEM |
| **Minimum Value** (>= 8.0.19) | -14:00 |
| **Minimum Value** (<= 8.0.18) | -12:59 |
| **Maximum Value** (>= 8.0.19) | +14:00 |
| **Maximum Value** (<= 8.0.18) | +13:00 |

The current time zone. This variable is used to initialize the time zone for each client that connects. By default, the initial value of this is 'SYSTEM' (which means, “use the value of [system\_time\_zone](https://dev.mysql.com/doc/refman/8.0/en/server-system-variables.html" \l "sysvar_system_time_zone)”).

The value can be specified explicitly at server startup with the [--default-time-zone](https://dev.mysql.com/doc/refman/8.0/en/server-options.html#option_mysqld_default-time-zone) option. See [Section 5.1.13, “MySQL Server Time Zone Support”](https://dev.mysql.com/doc/refman/8.0/en/time-zone-support.html)

<https://dev.mysql.com/doc/refman/8.0/en/time-zone-support.html>

So a TIMESTAMP column can be automatically initialized to the current timestamp for inserted rows that specify no value for the column. This feature is called **automatic initialization**.

1. Timestamp automatic initialization.
2. So a TIMESTAMP column can be automatically initialized to the current timestamp for inserted rows that specify no value for the column. This feature is called **automatic initialization**.

ALTER TABLE categories

ADD COLUMN updated\_at

  TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

ON UPDATE CURRENT\_TIMESTAMP;

La suite …