

# Database

2020-06-22 @ OP/415

# DB: Create DATABASE Command

```
CREATE DATABASE [IF NOT EXISTS] database_name  
[CHARACTER SET charset_name]  
[COLLATE collation_name]
```

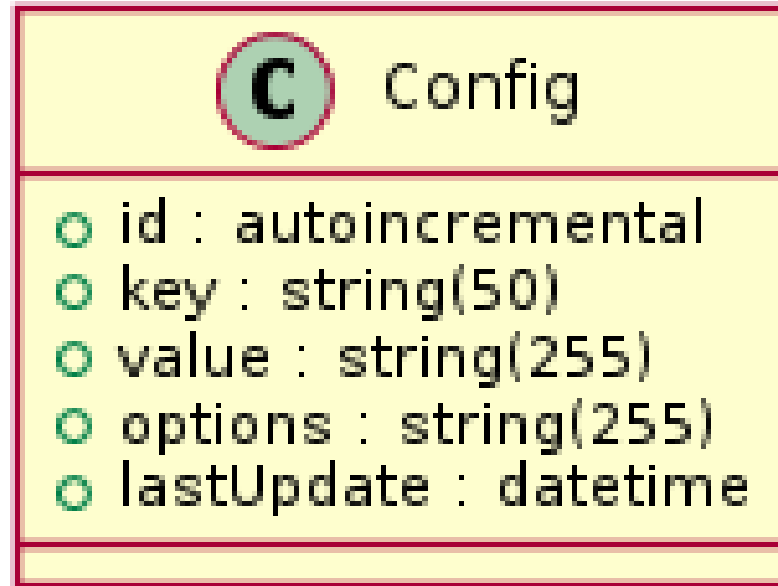
# DB: Create TABLE Command

```
CREATE TABLE [IF NOT EXISTS] table_name (  
    column_1_definition,  
    column_2_definition,  
    ...,  
    table_constraints  
) ENGINE=storage_engine;
```

# DB: INSERT Command

```
INSERT INTO table (c1, c2, ...)  
VALUES  
  (v11, v12, ...),  
  (v21, v22, ...),  
  ...  
  (vnn, vn2, ...);
```

# Config Class : Design



# Config Class : Create table

Table name:  Add  column(s)

Name	Type	Length/Values	Default	Collation	Attributes	Null	Index		Co
<input type="text" value="id"/> <small>Pick from Central Columns</small>	INT	<input type="text"/>	None	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	PRIMARY <small>PRIMARY</small>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="key"/> <small>Pick from Central Columns</small>	VARCHAR	50 <input type="text"/>	None	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	---	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="value"/> <small>Pick from Central Columns</small>	VARCHAR	255 <input type="text"/>	None	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	---	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="options"/> <small>Pick from Central Columns</small>	VARCHAR	255 <input type="text"/>	NULL	<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>	---	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="lastUpdate"/> <small>Pick from Central Columns</small>	DATETIME	<input type="text"/>	CURRENT_TIME	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	---	<input type="checkbox"/>	<input type="checkbox"/>

# Config Class : Insert Value

Config Table

Name	Value	
SCAN_DELAY_SECOND	10 sec.	เวลาสำหรับแสดงข้อมูลที่ scan ค้างไว้กี่วินาที
F14_DELAY_SECOND	10 sec.	เวลา delay การกดปุ่ม F1-F4
STATION_NAME	string	ชื่อ station
STATION_ACTIVE	bool	สถานะ station [ <b>true</b> : active, <b>false</b> : disabled]