

# CALS Database Documentation

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Theme	Data Base
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## Summary

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## 1. Introduction

This document has for objective to explain and describe the CALS Database.

A schema about the architecture of the Database represents the organization of the CALS data.

Then some explications and details let you know how works the database.

## 2. Database

### 2.1 Schema

cals_user
id_controller : <i>int</i> event_type : <i>varchar</i> controller_role : <i>varchar</i> controller_responsability : <i>varchar</i> operational_status : <i>varchar</i> controller_time : <i>datetime</i> controller_state : <i>boolean</i>

### 2.2 Details

The variable “*id\_controller*” is the primary key and auto\_increment.

#### Logs :

user : jeyjey78

password : 131293jer

nom Database : jeyjey78\_cals

MySQL	<ul style="list-style-type: none"><li>• Hôte : mysql-moncompte.alwaysdata.net</li><li>• Interface d'administration : <a href="http://phpmyadmin.alwaysdata.com/">http://phpmyadmin.alwaysdata.com/</a></li><li>• Port : 3306</li></ul>
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### 3. Doubt

- The database can be modified.
- A doubt about the value of the variables : “event\_type”, “controller\_role”, “controller\_responsability” and “operational\_status” because on the requirements it’s written like enum but I was hesitated to attribute a number to each Enum. so those variables will become int instead of varchar.
- The last variable “controller\_state” is like a flag to check if the ATCO is connected or not. But the variable “operational\_status” is similar so it’s as we wish to keep it.