CALS SIM

Server Specification

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ALBACORE

Objectives of this document

The purpose of this document is to describe how the server can be accessed and his configuration. Moreover, this document define the function offered by the CALS API.

Glossary and Terminology

-A-

API: Application Programming Interface

Document Description

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# Server

## Server Access

Ssh access : ssh -l administrator 193.10.30.129

Username : administrator

Password : \*\*\*\*\*

## Mysql Access

Username : root

Password : \*\*\*\*\*

## Server Configuration

* Python 3.4.2
* Mysql 5.5.47
* Nginx 1.6.2
* Falcon 0.3.0
* PyMySQL 0.7.1
* Gunicorn 19.4.5

# Database

## Database Architecture

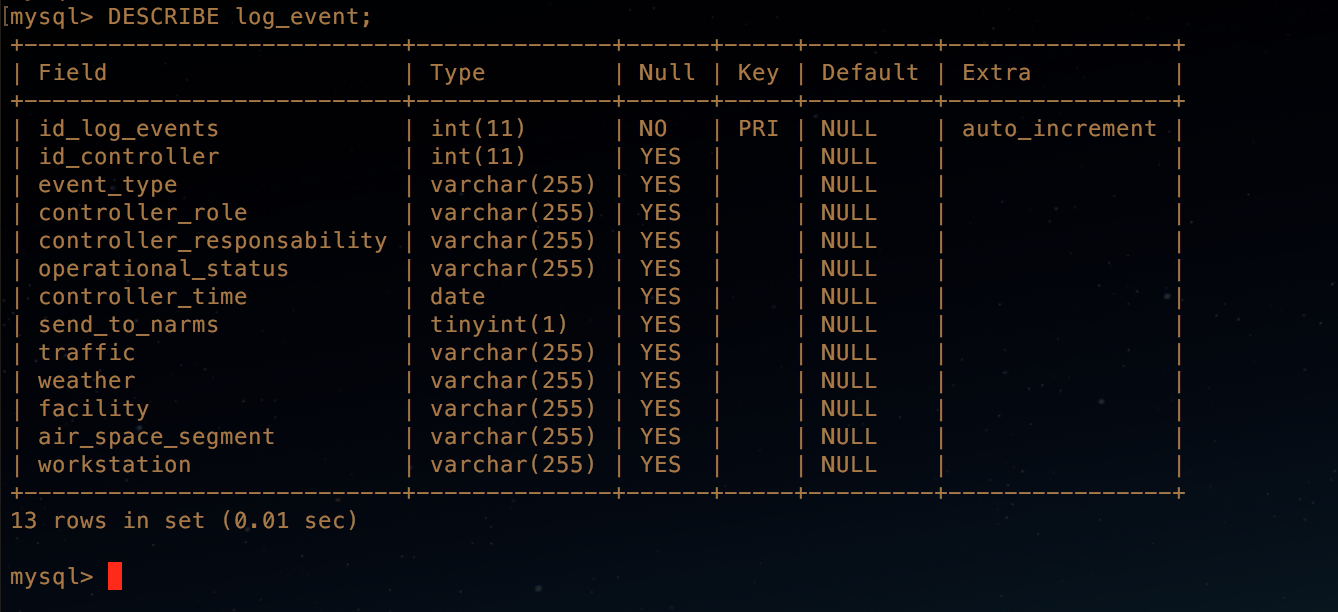


Figure : Database Architecture

## Database example

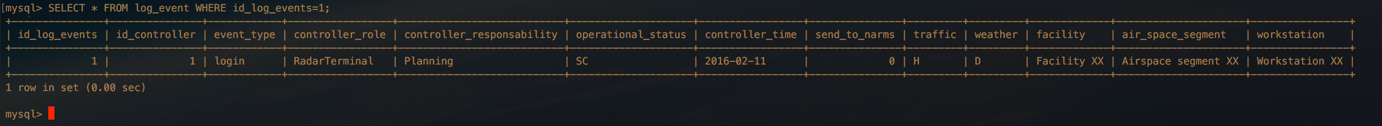


Figure : Database example

# API

## Localisation

You need to connect to the server via ssh.

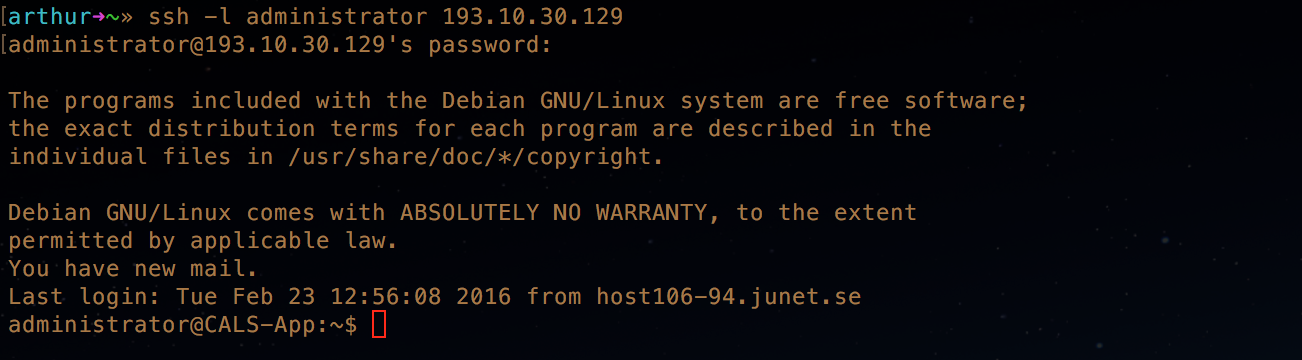


Figure : ssh connection

Below, you can find the folder with the API code.

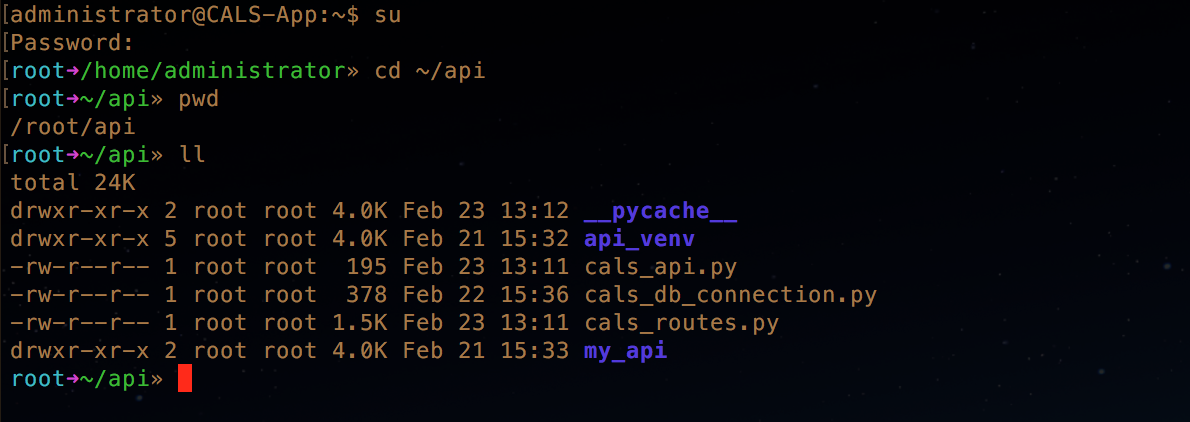


Figure : API code

There is 3 code files : cals\_api.py (the main file), cals\_db\_connection.py (allowing the connection to the database), and the cals\_routes.py (the post method with the insert on the database).

Command to start Gunicorn : gunicorn -b 0.0.0.0:8080 cals\_api:app &