CALS Database Documentation

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Theme	Data Base
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Summary

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

log_event
id_log_event : *int* id_controller: *int* event_type : *varchar* controller_role : *varchar* controller_responsability : *varchar* operational_status : *varchar* controller_time : *datetime* *weather : varchar* *traffic : varchar* *facility : varchar* *air_space_segment : varchar* *workstation : varchar* *send_to_narms : boolean*

2.2 Details

The variable “*id_logs_event*” is the primary key and auto_increment.
The variable “id_controller” represents the id of the ATCO.
The variable “controller_time” format : yyyy-mm-dd hh:mm:ss.

Below, there is defined every enum used for the differents variable :

event_type:Enum
LogIn, LogOut, RoleChange

controller_role:Enum
ProceduralEnroute, RadarTerminal, RadarArrivals, RadarDepartures, GroundProcedural, LocalProcedural

controller_responsibility:Enum
Planning, Tactical, Weather

operational_status:Enum
SC, MCU, MCS, MCM, MCT, MCI.

traffic:Enum
VH, H, B, NB, L, VL

weather:Enum
HD, D, MD, ND