

Handcart for Fenice

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2020-2021

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Introduction

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Chapter 1

General view

Chapter 2

Back-end

2.1 Genereal description

The back-end is thought to act as the controller to start and stop the charge, to handle the fans, and to get and send all the CAN messages

2.2 The state machine

The main.py is based on a state machine, which states are

Chapter 3

Front-end

3.1 General description

The front-end GUI is based on Qt, written in python. It has the purpose to act as a interface for the user to manage the charge process

Chapter 4

Deamon gRPC server

4.1 General description

The server is needed from the back-end and the front-end to communicate. It is based on gRPC and protocol Buffers