CERBAIR

C++/Qt development test

Objective

The objective is to test your ability to write a small Qt program in C++, to find information on the internet and to test your coding skills.

Output

Source code **commented in English** in a zip file named as follows: *YYYYMMDD_FirstName_LastName.zip* to be sent to antoine.menini@cerbair.com.

Test

You are given a JSON file *list.json* that contains a structure with multiple drone manufacturers and models. Your goal is to provide a Qt application that can display this information in a fashionable way. More specifically, your application should be able to load the file using a *QFileDialog*. After opening, each drone brand should have a tab in a *QTabWidget* and each drone should be displayed using either multiple widgets in a vertical layer or in a *QTableWidget*.

Bonus point: add a function in your program to graphically create a new brand and a new drone model inside a brand, then a function to export a new JSON file.

Good luck!