Documentation

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Language

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C++

Framework

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QT

Permanent storage structures

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.txt file

Variable names

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When naming variables:

- use snakecase (all lowercase with underscores to seperate words)

- ex: int my\_integer;

- constants in all capitals

-ex: const double PI = 3.14;

Variables should not be overloaded to reduce confusion between developers.

Class names

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When naming classes:

-Uppercase first letter

-ex: Task

Function names

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When naming a function:

- camel case

- ex: displayList

- function parameters to be named like variables(snakecase)

-ex: my\_parameter

Functions

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When creating a function:

All functions should be declared in the appropriate .h header file

Spacing

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With regards to white spacing in the code:

-\n for newline

-Blank lines should go:

-after the #includes

-after the global variables

-between functions

-We will be using tab for indentation (not spaces)

Comments

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When leaving comments in the code:

/\* \*/ for block comments

// for single line comments

Each developer should make sure to leave comments with their name on the functions/areas of the project that we worked on.

Incrementation

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When using variable incrementation:

Prefer post-incrementation

-ex: i++;

Error Handling

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If and when error handling is to be used:

It should be implemented using a try and catch and a pop up should be displayed on the GUI

Updating/uploading code

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Merging branches on gitlab was being used until a problem was encountered.

As of now we are using patches by updating the master branch directly until the issue is solved.