IntelliMower Code design document

// Variables

// Start with small letter and camelcase and have meaningful names rather than short names.

Ex: newVariableName = 0;

// Strings

// Small letters and underscore between words

Ex: my\_string\_name

// Functions

// Start with capital letter and camel case and have meaning ful names rather than short names.

Ex: NewFunctionDefinition()

// Pointers

// whatever

Ex: myPointer\_p

// Structs or new types

// End with \_t

Ex: typedef struct {

} myStruct\_t

typedef newType\_t

// Defines names in all caps and underscore between words

Ex: MY\_DEFINED\_VAR

// Class names (c++)

// definition in all caps reference in small or shortened name for ease of use

Ex: class CommandSystem {

}

extern CommandSystem;

Definition: CommandSystem cmdSys

or by reference : CommandSystem commandSys;

CommandSystem &cmdSys = commandSys; <- allocated on stack !

Usage: cmdSys->SomeFunc();