Naming conventions

Classes

> ***PascalCase***

Class

MyClass

Functions

Names

> ***camelCase***, single word capitalised

Function

myFunction

Parameters

> camelCase

Function(int parameter)

myFunction(int myParameter)

Variables

> ***camelCase***

variable

myVariable

Variable modifiers

Stack variables

> snake_case

int variable

int my_variable

Pointers

> PascalCase

int* Variable

MyClass* MyVariable

Public

> ***Nothing***

Protected

> ***Nothing***

Private

> ***m_*** before variable

m_variable

m_myVariable

Static

> ***s_*** before variable

s_variable

s_myVariable

In case of variables being static and private

> ***m_s_*** before variable

m_s_variable

m_s_myVariable

Comments

> ***flatcase***, variables keep their case, no full stops

General comments

Contain the default rule set

```
// this is a comment without variables
// this is a comment referencing the m_s_private    icVariable variable
```

Variable comments

Contain the default rule set but must use @brief, @param, @return etc. and start with triple slashes. Must note the param and return their respective type and name

```
/// @brief explanation of variable
/// @param MyClass* variableParam: explanation of param
/// @return m_myVariable: explanation of return
```

Defines

SCREAMING_SNAKE_CASE

VARIABLE

MY_VARIABLE