

460 Project

C++ Style Guide

1. Use two blank lines between functions, structs, and classes (etc.)
2. One blank line between blocks of logic.
3. One space before and after closing and open parenthesis.
Example: `foo (int x)`
4. One space after loops and selection statements.
Example: `for (i = 0; whatever)`
5. The length of one line should not be more than 80 characters long.
6. An open brace in the first column (except when nested).
7. Always use braces in logic statements.
8. Split lines before operators not after (for long lines).
9. Use underscores instead of camel-casing when naming variables and functions (etc.).
10. Each function should have a comment containing a brief description, and values returned.
11. Each variable should have its own type.
12. Classes and structs should begin with an uppercase letter.
13. Use C++ I/O
14. Always use `using namespace std;`
15. Double quotes should be used for strings, single quotes in the interior.