**LearnCpp**

**Chp .3**

**Introduction to C/C++**

Before C/C++

The C language was developed in 1972 by Dennis Ritchie at Bell Telephone laboratories, primarily as a systems programming language, a language to write operating systems with. Ritchie’s goals were to produce a minimalistic language that was easy to compile, allowed efficient memory access, produce efficient code and did not extensive run-time. While being a high-level language, it still sought to be fairly low-level.

C++

The C++ language was developed by Bjarne Stroustrup at Bell Labs as an extension of C in 1979. C++ introduced many new features and could be considered the superset of C. It’s most important update was its status as an object-oriented language.

The Philosophy

C and C++ believe in “trusting the programmer” methodology that acts as a double-edged sword. C++ grants expressive freedom to a programmer to do whatever they want however this opens them to pitfalls of writing code that doesn’t make sense.