

# C++ Club UK Meeting 126

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# C++ Performance Trap #1: Constant-size std::vector

- Scott Wolchok
  - [Reddit](#)
  - [Software optimization resources, by Agner](#)

## C++ Performance Trap #2: Unnecessary std::function

- Scott Wolchok
  - Reddit

# Inlining and Compiler Optimizations

- Scott Wolchok
  - Reddit

## Library: Cli

A cross-platform header only C++14 library for interactive command line interfaces (Cisco style).

- [GitHub](#)

# Introduction to Lua in C++ with Sol2

- Hristo Stamenov

# Book erratum: Professional C++ by Marc Gregoire

- [Reddit](#)

*Statements of the form return object; trigger return value optimization (RVO) if object is a local variable, a parameter to the function, or a temporary value. Furthermore, if object is a local variable, named return value optimization (NRVO) can kick in.*

- [cppreference](#): Copy elision

# Free Windows 10 development virtual machines for HyperV, Parallels, VirtualBox, and VMWare

- Scott Hanselman
- Virtual machine downloads at Microsoft
- Free developer tools for Windows 10