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Topic: Using Valgrind w/ C++
OS: Ubuntu
OS-Version: 16.04

Overview:

This document covers the basics for using Valgrind with C++ to discover memory leaks and other memory related issues. Even though that this document is pretty short with information, more will be added in the future. If you feel like I left out the most important parts or anything else please feel free to updated the document and create a new PR for it. Thanks.

Step-1: Installing Valgrind on Ubuntu

- To install Valgrind onto Ubuntu then do the following command:
sudo apt-get install Valgrind

Step-2: Compile your C++ program

- Do the basic compile for your C++ code such as: **c++ -g** `my_example.cpp`

Step-3: Run the program with Valgrind

- Next we have to run our program with Valgrind for memory checking. Do the following: **valgrind --leak-check=yes ./a.out**