

Extra Material

Abstract

This document is meant to provide links to some extra material that students will need to learn on their own. Links will be provided for tools such as Linux, build system, debugger, address sanitizer and so on. Each tool/topic has 2 sections (1)**must have** and (2)**nice to have**. (1) provides links for small tutorials with bare minimum, almost mandatory knowledge to get started with using it. It will take a couple of hours to cover those materials, at most 1 day. (2) section will provide links to more detailed, long-term, material such as books and research papers.

Linux

Must Have

- [Linux in 100 seconds \(YouTube\)](#)
- [Linux Directories in 100 seconds \(YouTube\)](#)
- [The Linux Command Line, first 10 chapters](#). This will take roughly a week to go through

Nice to Have

- [The Linux Command Line](#). whole book

Make

Must Have

- [Learn make in 60 seconds \(YouTube\)](#)
- [Playlist\(6 vids\) about make and build system in general \(YouTube\)](#)

Nice to Have

- <https://makefiletutorial.com/>

GDB

Must Have

- [Summary of GDB commands](#)
- [Tutorial from University of Waterloo](#)
- [Learn GDB\(Jacob Sorber\)](#)
- [X86-64 cheat sheet from Brown](#)

Nice to Have

- [CppCon 2016: Greg Law "GDB - A Lot More Than You Knew"](#)