

COMP 161 — Main Sources

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1. Linux CLI (BASH)

- Primary
Shotts, William. *The Linux Command Line*. No Starch Press. 2012.
<http://linuxcommand.org/tlcl.php>
- Additional Sources
Shaw, Zed. *The Command Line Crash Course: Controlling Your Computer From The Terminal*. Dec 2011.
<http://cli.learncodethehardway.org/book/>

Nodwell, Eric. *Introduction to Commandline Linux*. 2003.
<http://www.phas.ubc.ca/~mbelab/computer/linux-intro/html/>

2. EMACS

- Primary
Start EMACS. Enter the command *Ctrl-h t* to begin the interactive tutorial.

Emacs 24 Reference Sheet.
<https://www.gnu.org/software/emacs/refcards/pdf/refcard.pdf>
- Additional Sources
Wacelna, Keith. *A Tutorial Introduction to GNU Emacs*. 2009.
<http://www2.lib.uchicago.edu/keith/tcl-course/emacs-tutorial.html>

Pitts, Robert I. *Using Emacs for Programming*. 2000.
<http://www.cs.bu.edu/teaching/tool/emacs/programming/>

3. C++

CPlusPlus.com
<http://cplusplus.com>

Stroustrup, Bjarne. *A Tour of C++*. Addison-Wesley. New Jersey. 2014.

4. **GCC/G++**

Chen, Bee-Chunk. *Compiling C and C++ Programs*.

<http://pages.cs.wisc.edu/~beechung/ref/gcc-intro.html>

GNU GCC Manual

<http://gcc.gnu.org/onlinedocs/gcc-4.8.2/gcc/>

5. **make**

GNU Make Manual

<http://www.gnu.org/software/make/manual/make.html>

6. **Git**

Chacon, Scott. *Pro Git*. <http://git-scm.com/book>

Lynn, Ben. *Git Magic*. <http://www-cs-students.stanford.edu/~blynn/gitmagic/>

7. **GDB**

GDB Manual

<http://sourceware.org/gdb/current/onlinedocs/gdb/>

Hall, Brian “Beej Jorgensen”. *Beej’s Quick Guide to GDB*

<http://beej.us/guide/bggdb/>

Lancaster, Glenn. *Quick Guide to GDB*

<http://condor.depaul.edu/glancast/373class/docs/gdb.html>

8. **Valgrind (memcheck,callgrind,cachegrind)**

Official Quick Start Guide

<http://valgrind.org/docs/manual/QuickStart.html>

Official Manual

<http://valgrind.org/docs/manual/manual.html>