# Web Resources

Chapter 3

https://www.nano-editor.org/dist/v2.2/nano.html

Chapter 4

<https://www.tldp.org/LDP/intro-linux/html/sect_03_01.html>https://en.m.wikipedia.org/wiki/File\_system

<https://opensource.com/life/16/10/introduction-linux-filesystems>https://ext4.wiki.kernel.org/index.php/Main\_Page

<https://www.ibm.com/developerworks/library/l-anatomy-ext4/index.html><https://selvamvasu.wordpress.com/2014/08/01/inode-vs-ext4/><https://opensource.com/article/17/5/introduction-ext4-filesystem>https://kernelnewbies.org/Ext4

https://en.m.wikipedia.org/wiki/Ext4

Chapter 11

[www.openssh.com](http://www.openssh.com/)The home page for OpenSSH, a free version of ssh.

[Www.iana.org/domain-names.htm](http://Www.iana.org/domain-names.htm)This page gives detailed information about domain names and domain name services.

[Www.chiark.greenend.org.uk/~sgtatham/putty/](http://Www.chiark.greenend.org.uk/~sgtatham/putty/)A home page for PuTTY (a free implementation of telnet and ssh for Linux and Win32 platform).

[Www.linuxgazette.com/issue64/dellomodarme.html](http://Www.linuxgazette.com/issue64/dellomodarme.html)An introductory article on the ssh command suite: sftp, scp, and so on

[www.isi.edu](http://www.isi.edu/)The home page for the Information Sciences Institute (ISI) at the University of Southern California (USC). ISI is a useful resource for Internet-related information, such as the history of the Internet, country codes, and protocol port numbers for the well-known Internet services.

[Www.isoc.org/internet/history/](http://Www.isoc.org/internet/history/)This page contains many documents on the history of the Internet, including its infrastructure, standards, growth, and future.

[Www.zakon.org/robert/internet/timeline/](http://Www.zakon.org/robert/internet/timeline/)This page has a detailed time line for the history of the Internet, including statistical data for the number of users, hosts, and domains served by the Internet.

en.wikipedia.org/wiki/Internet\_protocol\_suite This page contains the history of the TCP/IP protocol suite.

[Www.ietf.org/rfc.html](http://Www.ietf.org/rfc.html)This page contains all you need to know about RFCs.

[Www.ietf.org/download/rfc-index.txt](http://Www.ietf.org/download/rfc-index.txt)This page contains the RFC index in text form.

[Www.iana.org/domains/root/db](http://Www.iana.org/domains/root/db)This page contains the IANA root zone (I.e., top-level domains) database.

[Www.internetlivestats.com/total-number-of-websites/](http://Www.internetlivestats.com/total-number-of-websites/)This page maintains a live counter for total number of websites in the world.

<http://www.worldwidewebsize.com/>This page maintains the size of the Internet in terms of number of webpages.

News.netcraft.com/archives/2014/04/02/april-2014-web-server-survey.html This page maintains the latest survey about the number and type of web servers on the Internet, and the growth history of Web servers.

[Www.datacenterknowledge.com/archives/2009/05/14/whos-got-the-most-web-servers/](http://Www.datacenterknowledge.com/archives/2009/05/14/whos-got-the-most-web-servers/)This page contains the latest information about who has the most number of Web servers.

en.wikipedia.org/wiki/List\_of\_TCP\_and\_UDP\_port\_numbers List of TCP and UDP port numbers for all well-known and registered ports.

en.wikipedia.org/wiki/List\_of\_virtual\_communities\_with\_more\_than\_1\_million\_users This page contains the latest information about the number of registered users of the social websites (virtual communities).

Zephoria.com/social-media/top-15-valuable-facebook-statistics/ This page maintains the latest top-20 statistics about Facebook.

[Www.internetworldstats.com/stats.htm](http://Www.internetworldstats.com/stats.htm)This page maintains the latest statistics about the worldwide users of the Internet.

[Ftp.isc.org/www/survey/reports/2014/01/](ftp://Ftp.isc.org/www/survey/reports/2014/01/)This page contains the latest information about the number of Internet domains.

[Www.isc.org/services/survey/](http://Www.isc.org/services/survey/)This page contains the latest information about the number of hosts on the Internet.

[Www.factshunt.com/2014/01/world-wide-internet-usage-facts-and.html](http://Www.factshunt.com/2014/01/world-wide-internet-usage-facts-and.html)This page contains the latest information about worldwide Internet usage facts.

<http://www.ftp-sites.org/>This page, although fairly dated, contains a list of known ftp sites.

<https://en.wikipedia.org/wiki/ARPANET>This page describes the history of ARPANET and brief early history of the Internet, e-mail, and ftp.

Chapter 14

General Pages: Shell Commands, Shell Programming, Advanced Linux, and Program Development Tools

<http://www.tutorialspoint.com/unix/unix-manpage-help.htm>A Web page for UNIX shell commands, UNIX shell programming, advance UNIX, and many important UNIX tools and resources<http://tacpa.org/notes/linux/devTools.html>A Web page for Linux development tools Programming Languages

[www.perl.com](http://www.perl.com/)The Perl language homepage

http://www.bell-labs.com/usr/dmr/www/chist.html

History of the C language by Dennis Ritchie

<http://www.stroustrup.com/C++.html>C++ language page, maintained by Bjarne Stroustrup, designer of the language

<http://www.oracle.com/java/index.html>The home page for Java<http://www.oracle.com/technetwork/java/index.html>Essentials of the Java programming language<http://www.gnu.org/software/java/java.html>GNU and the Java language<http://www.haskell.org/haskellwiki/Haskell>The Haskell programming language[http://www.eiffel.com](http://www.eiffel.com/)The Eiffel programming language home page[http://www.smalltalk.org](http://www.smalltalk.org/)The Smalltalk programming language home page[http://www.visualbasic.org](http://www.visualbasic.org/)Association of Visual BASIC Professionals page<http://gcc.gnu.org/fortran>Home page for GNU FORTRAN[http://www.sigapl.org](http://www.sigapl.org/)ACM SIGPLAN chapter on APL<http://en.wikipedia.org/wiki/AWK>Wikipedia page for AWK<http://www.grymoire.com/Unix/Awk.html>A nice tutorial on AWK<http://www.gnu.org/software/gawk>Page for GNU AWK (gawk)[http://www.tcl.tk](http://www.tcl.tk/)A useful page for TCL developers HTML Activities

<http://www.w3.org/MarkUp>XHxTML2 working group home page<http://www.w3schools.com/html/>A comprehensive HTML5 tutorial<http://www.w3schools.com/html/html_intro.asp>Introduction to HTML Compilers

<http://gcc.gnu.org/>The home page for gcc

<http://gcc.gnu.org/java/>The home page for GNU Java compiler gcj<http://www.w3schools.com/html/>A comprehensive HTML5 tutorial http://www.cprogramming.com/g++.html

<http://courses.cs.washington.edu/courses/cse373/99au/unix/g++.html>Home pages for g++ compiler use

http://docs.oracle.com/javase/7/docs/technotes/

tools/windows/javac.html Page for Java language compiler javac Make and Library Tools

www.tutorialspoint.com/makefile/index.htm

[www.cs.colby.edu/maxwell/courses/tutorials/maketutor/](http://www.cs.colby.edu/maxwell/courses/tutorials/maketutor/)Nice tutorials on makefiles<http://capone.mtsu.edu/csdept/FacilitiesAndResources/make.htm>A small tutorial on the make utility<http://heather.cs.ucdavis.edu/~matloff/UnixAndC/Clanguage/Make.html>Very good tutorial on makefiles and libraries gdb and GNU Tools for Software Testing

<http://www.gnu.org/software/gdb/gdb.html>The home page for gdb, the GNU project debugger<http://www.gnu.org/manual/>Online documentation for GNU packages Revision Control with Git/GitHub

<http://gitref.org/>A comprehensive reference site for Git<http://git-scm.com/>Open source site for Git hosted on GitHub<https://github.com/>GitHub hosting site

<http://en.wikipedia.org/wiki/GitHub>The Wikipedia site for GitHub

Chapter 15

<https://www.linux.org/>Everything about the Linux kernel and all sorts of tutorials for beginner, intermediate, and advance users, programmers, and system admins

<https://www.linux.org/>Everything about the Linux kernel (with plenty of beginner, intermediate, and adavanced tutorials)

<https://www.linux.com/>A site for Linux news, how-tos, answers, forums, etc.

<https://www.howtoforge.com/>A site for Linux tutorials<http://www.tutorialspoint.com/index.htm>An excellent site for tutorials on almost all sorts of computing related topics including programming languages, web development, scripting, Java technologies, big data analytics, SAP, databases, and Microsoft technologies<http://www.tldp.org/>All sorts of Linux documentation; some may be outdated<http://www.gnu.org/>Homepage for the free operating system GNU by the Free Software Foundation. Work on GNU’s kernel, The Hurd, started in 1990 (before work on Linux had started).

<http://www.tutorialspoint.com/c_standard_library/index.htm>The C standard library.

Www.compileonline.com

(http://www.tutorialspoint.com/codingground.htm) A great free site for online editing, compiling, and running programs in almost any language from assembly language to Python and from Algol-68 to Ruby.

Chapter 16

<https://www.linux.org/>Everything about the Linux kernel and all sorts of tutorials for beginner, intermediate, and advance users, programmers, and system admins

<https://computing.llnl.gov/tutorials/pthreads/>An excellent tutorial on Pthreads by Blaise Barney, Lawrence Livermore National Laboratory.

<https://www.linux.org/>Everything about the Linux kernel (with plenty of beginner, intermediate, and adavanced tutorials)

<https://www.linux.com/>A site for Linux news, how-tos, answers, forums, etc.

<https://www.howtoforge.com/>A site for Linux tutorials<http://www.linux-tutorial.info/>A site for Linux tutorials<http://www.tldp.org/>All sorts of Linux documentation; some may be outdated<http://www.tutorialspoint.com/index.htm>An excellent site for tutorials on almost all sorts of computing related topics including programming languages, web development, scripting, Java technologies, big data analytics, SAP, databases, and Microsoft technologies

Chapter 18

https://wiki.archlinux.org/index.php/systemd

<https://www.freedesktop.org/wiki/Software/systemd/>https://en.m.wikipedia.org/wiki/Systemd

https://en.m.wikipedia.org/wiki/Cgroups

http://www.freedesktop.org/software/systemd/man/

http://0pointer.de/blog/projects/journalctl.html

Chapter W19

https://docs.python.org/3/whatsnew/3.5.html

<https://docs.python.org/2/library/simplehttpserver.html><http://www.jesshamrick.com/2012/09/18/emacs-as-a-python-ide/>https://docs.python.org/2/glossary.html

https://docs.python.org/2/library/threading.html

https://github.com/google/styleguide/blob/gh-pages/pyguide.md

https://docs.python.org/3/reference/

https://docs.python.org/3/tutorial/index.html

https://docs.python.org/3/library/\_thread.html

https://docs.python.org/3/library/threading.html

https://docs.python.org/3/library/queue.html

Chapter W22

<http://www.freebsd.org/doc/en_US.ISO8859-1/books/handbook/dirstructure.html>This website contains a comprehensive description of the FreeBSD directory hierarchy

<http://en.wikipedia.org/wiki/ZFS>This website describes the ZFS file system http://www.bsdnow.tv/tutorials/zfs

<http://www.freebsd.org/doc/en_US.ISO8859-1/books/handbook/filesystems-zfs.html>These websites contain very good tutorials on the ZFS file system, describing the installation of ZFS and administration of its various features

<http://www.princeton.edu/~unix/Mint/troubleshoot/zfs.html>This website discusses the management of the ZFS file system

<http://2007.asiabsdcon.org/papers/P16-paper.pdf>This website contains a paper that describes porting ZFS to FreeBSD

Chapter W23

https://www.virtualbox.org/manual/ch08.html

Chapter W24

Chapter W25

<http://www.ele.uri.edu/faculty/vetter/Other-stuff/vi/text_edit.html>https://www.vim.org/docs.php

http://vimdoc.sourceforge.net/

<https://raw.githubusercontent.com/vim/vim/master/runtime/doc/version8.txt><https://www.gnu.org/software/emacs/documentation.html>https://www.gnu.org/software/emacs/manual/elisp.html

Chapter W26

http://wiki.linux-nfs.org/wiki/index.php/ACLs

<https://en.m.wikipedia.org/wiki/Network_File_System>https://www.osc.edu/book/export/html/4523

<http://pages.cs.wisc.edu/~remzi/OSTEP/dist-nfs.pdf><http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.22.7599&rep=rep1&type=pdf><https://wiki.hpcc.msu.edu/display/hpccdocs/Access+Control+on+NFSv4><https://help.ubuntu.com/lts/serverguide/firewall.html>ufw official firewall guide<https://help.ubuntu.com/community/Firewall>Wiki page for Firewall<https://help.ubuntu.com/community/IptablesHowTo?action=show&redirect=Iptables>Iptables interface to the netfilter subsystem in the Linux kernel<https://wiki.ubuntu.com/UncomplicatedFirewall>UFW Project wiki page for ufw<https://help.ubuntu.com/community/Gufw>UFW Project wiki page for gufw

Chapter W27

Chapter W28

http://doc.qt.io/qtcreator/

<https://en.m.wikipedia.org/wiki/Qt_(software>)

<https://en.m.wikipedia.org/wiki/Comparison_of_X_Window_System_desktop_environments><https://en.m.wikipedia.org/wiki/GTK>+

https://developer.gnome.org/gtk3/stable/

http://www.tldp.org/LDP/LG/issue70/ghosh2.html