Free/Libre and Open Source software
Lecture 3

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Utilities

utility_name[-a][-b][-c option_argument] [-d|-e] \
                    [-f[option_argument]][operand…]
utility_name --help
utility_name --option argument --option=argument
utility_name [-abcDxyz][-p arg][operand]
utility_name [options][operands]
utility_name [-a|b] [operand…]

utility_name [-a] [-b] [operand...]
utility_name [-a] [-c option_argument] [operand...]

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System manuals

SYSV – man [-t] [-s section] name
GNU, BSD – man [-t] [section] name
SYSV, GNU, BSD – man [-k]

Parts:
NAME, SYNOPSIS, DESCRIPTIONS, FILE, SEE ALSO, DIAGNOSTIC, BUGS

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MAN sections

Section	BSD	SYSV
User Commands	1	1
System Calls	2	2
C Library Functions	3	3
Devices and Special Files	4	7
File Formats and Conventions	5	4
Games et. Al.	6	6, 1 or absent
Miscellanea	7	7
System Administration tools and Deamons	8	1m
Support commands	8	8
Drivers	4	7 or 9

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Other manual-related commands

whatis – search the whatis database (created by makewhatis) for complete words

apropos – search the whatis database for strings

info – hypertext navigation system for manuals

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Informational commands

uname – print system information

lsb_release – provides certain LSB (Linux Standard Base) and distribution-specific information.

cate – print or set the system date and time

cal – displays a calendar

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Users information commands

id - print real and effective user and group IDs

logname - print user´s login name

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Multiuser environments

who - show who is logged on
finger - user information lookup program

write - send a message to another user

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Terminal line control

tty - print the file name of the terminal connected to standard input

stty - change and print terminal line settings