Unix Basics

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Unix Basics

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Unix Basics

man, apropos

All unix commands should have a man page. Use apropos if you don’t know the name of a command.

% man grep
% man find
% man ps
% apropos <desc>

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A computer guru: Someone who reads the man pages.
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man

> man ls
Reformatting page. Please Wait... done

User Commands

NAME
ls - list contents of directory

SYNOPSIS
/usr/bin/ls [ -aAbCdFfgilnoprstux1 ] [ file ... ]
/usr/xpg4/bin/ls [ -aAbCdFfgilnoprstux1 ] [ file ... ]

DESCRIPTION
For each file that is a directory, ls lists the contents of the directory; for each file that is an ordinary file, ls repeats its name and any other information requested. The output is sorted alphabetically by default. When no argument is given, the current directory is listed. When several arguments are given, the arguments are first sorted appropriately, but file arguments appear before directories and their contents.

There are three major listing formats. The default format for output directed to a terminal is multi-column with entries sorted down the columns. The -1 option allows single column output and -m enables stream output format. In order to determine output formats for the -C, -x, and -m options, ls uses an environment variable, COLUMN, to determine the number of character positions available on one output line. If this variable is not set, the terminfo(4) database is used to determine the number of columns, based on the environment variable TERM. If this information cannot be obtained, 80 columns are assumed.

The mode printed under the -l option consists of ten characters. The first character may be one of the following:
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pwd
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ls

```
> ls -l
total 30
drwxr-xr-x 2 amtan ee584 512 Sep 17 17:09 amtan
drwxr-xr-x 2 awfpang ee584 512 Sep 17 17:08 awfpang
drwxrwx--- 21 bassem ee584 2048 Sep 16 20:38 bassem
drwxr-xr-x 2 cllim ee584 512 Sep 17 17:03 cllim
drwxr-xr-x 2 dkjackson ee584 512 Sep 17 17:05 dkjackson
drwxrwx--- 16 elias ee584 1024 Sep 3 14:24 elias
drwxr-xr-x 2 jjwoodle ee584 512 Sep 17 17:09 jjwoodle
```

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cp
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mkdir
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rmdir, rm
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mv
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Snapshot:
-go to background of screen
-right click on background
-choose applications, snapshot