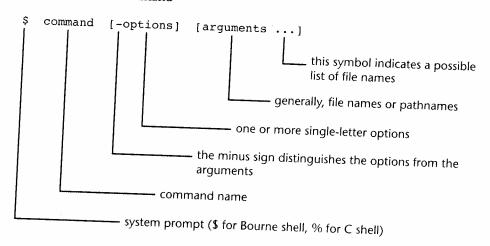
Summary of UNIX Commands

General

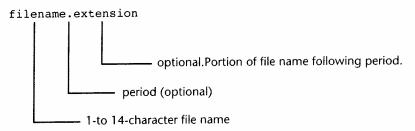
Format of a command



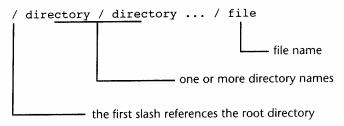
- fields are separated by one or more spaces
- fields enclosed in brackets [..] are optional

554 Appendix C

• Rules for defining a file name.



- suggested characters include A-Z, a-z, o-9, comma (,), and underscore (_)
- avoid using slash (/) characters in a file name
- don't start a file name with a minus sign (-)
- UNIX distinguishes between upper and lower case
- if you include a period in the file name, the characters following the period form the extension
- the period and the extension count against the 14-character limit
- · you can code more than one period
- · Rules for defining path names.

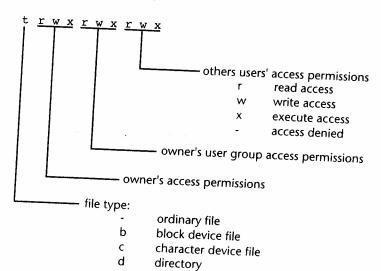


• a directory is a special type of file; thus the rules for defining a directory name are the same as the rules for defining a file name

- if the path name starts with a directory name instead of a slash, UNIX starts searching with the working directory
- Redirection parameters.

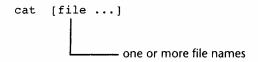
| Operator | Meaning | Example |
|----------|---|---------------------------|
| < | change source to a specified file or device | <myfile< td=""></myfile<> |
| > | change destination to a specified file or device | >tempfile |
| >> | change destination, usually to an existing file, and append new | >>master.pay |
| | output to it pipe standard output to another command or to a filter | cat file1 sort |

Access Permissions

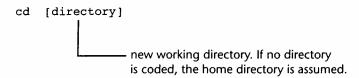


Commands and Utilities

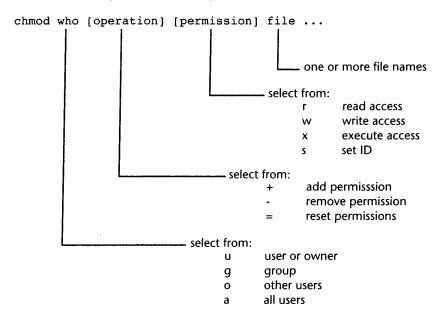
• cat displays the contents of a file or files.



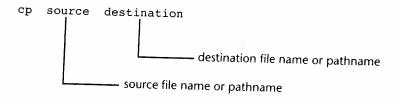
• cd changes the working directory.



• chmod changes a file's access permissions.



• cp copies a file or files.



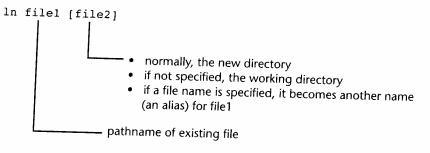
csh activates the C shell.

csh
no options or parameters

• date displays the system date and time.

\$ date _____ no options

• 1n creates a link.



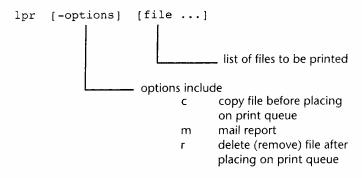
logout logs a user off the system.

logout

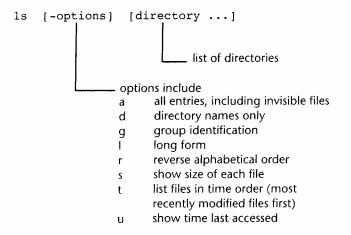
no options or parameters

Note: On most systems, press control-D to log off.

1pr sends the contents of a file to the printer.



1s lists the contents of a directory or directories.



- mail allows a user to send or receive electronic mail.
 - · to send mail, use:

mail user-list
login IDs of users to receive mail

to receive mail, use:

mail [-options]

options include:

p display mail without prompts
q quit
r view mail in reverse (chronological) order

man displays the UNIX manual page for the indicated command.

man name command or utility name

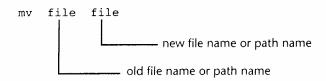
mkdir creates one or more directories.

mkdir directory ...
one or more directory names

• more displays a file one screen at a time.

more file ... list of files to be displayed

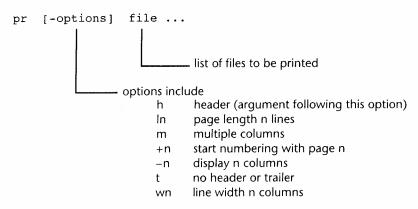
• mv moves or renames a file.



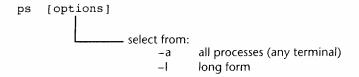
• passwd changes a user's password.



• pr prepares standard input or a file for printing.



• ps displays the status of a process.



If no options are coded, displays status of all processes controlled by user's terminal.

pwd displays the user's current working directory.

pwd

no options

rm deletes a file by removing a link.

options include

f (force) remove files for which
user lacks write access permission

i ask before removing file
r delete directory reference and
directory itself

rmdir deletes one or more directories.

rmdir directory...

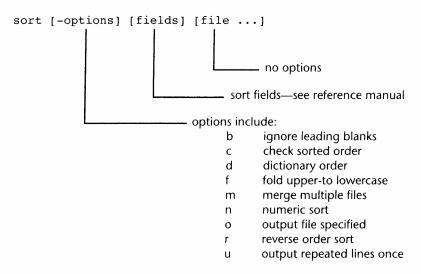
pathnames of one or more empty directories

• sh activates the Bourne shell.

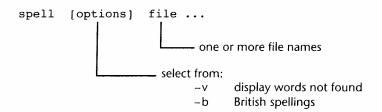
sh

no options

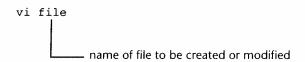
• sort sorts the contents of a file.



• spell checks a file for spelling errors.



vi activates the visual editor.



who displays the names of users currently logged on the system.

\$ who [am i]

if coded, displays the user's own current login name

write sends real-time a message to another user.

write login-name [terminal]

user's terminal
login name of receiver