

find (search for files in directory hierarchy)

[TESTS]

+n for greater than *n*

-n for less than *n*

n for exactly *n*

-mindepth -maxdepth [level]

-regex [pattern]

-name [pattern]

-size [n]

k for kilobytes, *M* for megabytes, *G* for gigabytes

-type [c]

b c d p f l s (same as in *ls* command)

-amin -atime -cmin -ctime -mmin -mtime [n]

a - accessed, *m* - modified, *c* - status changed
min - *n* minutes age, *time* - *r*24 hours ago*

-newerXY [ref]

at mt ct if *ref* is a date. Or *a m c* if *ref* is a file

-perm [mode] -perm /[mode]

mode example: 220, *g+w,u+w*

operators: *!* for not, *-o* for or

[ACTIONS]

-delete

-exec -execdir [command] ;

may need to be escaped with \, or quoted

execdir runs *comnd* from subdirectory

{} is replaced with file name. *{}* + append each file to the end

-print -printf -print0 -fprint -fprintf [file

format]

%a %Ak - access time, *%b* - size in blocks, *%c*

%Ck - status change, *%t %Tk* - modification

time, *%p* - file name, *%u %U* - uid

(string/number), *%y* - file type, *%f* - file name

w/o directory, *%s* - size in bytes

find (search for files in directory hierarchy) (cont)

k format: *H* - hour (00..23), *l* - hour (01..12), *k* - hour (0..23), *l* - hour (1..12), *M* - min, *p* - AM/PM, *r* - hh:mm:ss, *Z* - timezone, *@* - seconds, *a* - weekday, *b B* - month, *y* - year, *d* - day, *D* - mm/dd/yy

Disk commands

du disk usage

-h human readable

-s summarize only

-d depth

--exclude=PATTERN --X=FILE

-a all files

-c grand total

df fs disk space usage

-a all fs types

--total grand total

-h human readable

-H human readable but with 1000 power



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