rclone Cloud file sync

CONCEPTS

Paths are remote:path. A path without a colon is local. Test any sync with --dry-run first.

Source local or remote
↓ copy / sync / move
rclone filters, checks
↓ backend API
Destination remote:path

sync makes the destination identical to the source and DELETES extra files there. Swapped arguments delete files you wanted to keep.

Config lives in rclone.conf (find it with rclone config file). It holds tokens and secrets: keep it private.

REMOTES AND CONFIG

`rclone config`
Interactive remote setup

`rclone listremotes`
List configured remotes

`rclone config show <remote>`
Show a remote's settings

`rclone config file`
Print config file path

COPY, SYNC AND MOVE

`rclone copy <src> <dst> -P`
Copy new/changed files, never delete

`rclone sync <src> <dst> -P`
Mirror src to dst, deleting extras

`rclone move <src> <dst>`
Copy then delete from source

LISTING AND INFO

`rclone ls <remote>:<dir>`
Size and path of every file

LISTING AND INFO (cont.)

`rclone lsd <remote>:<dir>`
List directories only

`rclone lsf <remote>:<dir>`
Plain names, script friendly

`rclone size <remote>:<dir>`
Total size and file count

VERIFY AND CLEAN UP

`rclone check <src> <dst>`
Compare sizes and hashes

FLAGS

`-n / --dry-run`
Show what would happen

`-P / --progress`
Live transfer stats

`-v / -vv`
More logging

`--bwlimit <rate>`
Limit bandwidth (e.g. 5M)

`--backup-dir <dir>`
Move overwritten/deleted files aside

`--max-delete <n>`
Abort if sync would delete more

FILTERS

`--include "<glob>"`
Only matching files

`--exclude "<glob>"`
Skip matching files

MOUNT AND SERVE

`rclone mount <remote>: <dir>`
Mount as a filesystem

`rclone mount <remote>: <dir> --vfs-cache-mode writes`
Make writes reliable

`fusermount -u <dir>`
Unmount on Linux