

Rsync cheatsheet

Basic example

```
# syncing folder src into dest:
rsync -avz ./src /dest
# syncing the content of src into dest:
rsync -avz ./src/ /dest
```

Display options

```
-q, --quiet
-v, --verbose
    --stats
-h, --human-readable
    --progress
-P                               # same as --partial --progress
```

Backup options

```
-b, --backup           # backup with suffix
    --suffix=SUFFIX   # default ~ without --backup-dir
    --backup-dir=DIR
```

Archive options

```
-a, --archive          # archive (-rlptgoD)

-r, --recursive
-l, --links            # copy symlinks as links
-p, --perms            # preserve permissions
-t, --times           # preserve times
-g, --group            # preserve group
-o, --owner            # preserve owner
-D                    # --devices --specials

--delete              # Delete extra files
```

OSX

```
--exclude '.Trashes'
--exclude '.Spotlight-V100'
--exclude '.fseventsd'
```

Transfer options

```
-Z, --compress
-n, --dry-run
    --partial # allows resuming of aborted syncs
    --bwlimit=RATE # limit socket I/O bandwidth
```

Skipping options

```
-u, --update # skip files newer on dest
-c, --checksum # skip based on checksum, not mod-time & size
```

Include options

```
--exclude=PATTERN
--include=PATTERN

--exclude-from=FILE
--include-from=FILE
--files-from=FILE # read list of filenames from FILE
```