ExifTool Metadata reader/writer

CONCEPTS

Writing changes the file and leaves a backup named <file>_original next to it. Add -overwrite_original once you trust the command. Tag names ignore case and can be prefixed with a group, e.g. -XMP:Title.

READING

`exiftool <file>`
Show every tag with its value

`exiftool -<Tag> <file>`
Show only the named tag

`exiftool -s <file>`
Use tag names instead of descriptions

`exiftool -S <file>`
Very short output: Tag: value

`exiftool -G1 -a <file>`
Show group names and duplicate tags

`exiftool -n <file>`
Raw values, no print conversion

SELECTING FILES

`exiftool -r <dir>`
Recurse into subdirectories

`exiftool -ext <ext> <dir>`
Only process files with this extension

`exiftool -if '<expr>' <files>`
Only files where the expression is true

WRITING

`exiftool -<Tag>=<value> <file>`
Set a tag

`exiftool -<Tag>= <file>`
Delete a tag

`exiftool -all= <file>`
Delete all metadata

`exiftool -<Tag>+=<value> <file>`
Add to a list tag, e.g. -Keywords

`exiftool -overwrite_original <file>`
Edit in place, no _original backup

`exiftool -P <file>`
Keep the file modification date

DATES AND RENAMING

`exiftool -AllDates="<YYYY:MM:DD HH:MM:SS>" <file>`
Set all three EXIF dates

`exiftool -AllDates+=<h:mm> <file>`
Shift all dates forward

`exiftool '-FileName<DateTimeOriginal' -d '%Y%m%d_%H%M%S%%-c.%%e' <dir>`
Rename by capture date

`exiftool '-Directory<DateTimeOriginal' -d '%Y/%m/%d' <dir>`
Move into date folders

COPYING TAGS

`exiftool -tagsFromFile <src> <dst>`
Copy the writable tags from src to dst

`exiftool -tagsFromFile <src> -<Tag> <dst>`
Copy only the named tag

`exiftool -all= -tagsFromFile @ -<Tag> <file>`
Strip everything except one tag

GPS

`exiftool -gps:all -n <file>`
Show GPS tags as decimal numbers

`exiftool -GPSLatitude=<n> -GPSLatitudeRef=<N|S> -GPSLongitude=<n> -GPSLongitudeRef=<E|W> <file>`
Set coordinates

`exiftool -gps:all= <file>`
Remove GPS data

`exiftool -geotag <track.gpx> <dir>`
Tag photos from a GPS track log

EXPORT AND IMPORT

`exiftool -csv <dir> > <out.csv>`
Export tags to CSV

`exiftool -csv -<Tag1> -<Tag2> <dir>`
CSV with chosen tags only

`exiftool -json <files>`
Output as JSON