# croc Simple file transfer

**Sender** croc send → code phrase → **Relay** matches both sides → encrypted → **Receiver** croc <code>

## CONCEPTS

The code phrase is the shared secret: it keys the end-to-end encryption, so share it over a different channel than the transfer.

Both ends must run croc. Direct local transfer is tried first; the relay only carries ciphertext when no direct path exists.

Typing the code on the command line shows it in the process list; use CROC_SECRET on shared machines.

## SEND

**croc send** *<file>*
Send a file

**croc send** *<file> <dir>*
Send several files and folders

**croc send --text** "*<msg>*"
Send text or a URL

**croc send --code** *<phrase>*
Use a custom code (6+ chars)

**cat** *<file>* **| croc send**
Send from stdin

## SEND (cont.)

**croc send --zip** *<dir>*
Zip a folder before sending

**croc send --qr** *<file>*
Show the code as a QR code

**croc send --exclude** "*<a>*,*<b>*"
Skip paths containing these strings

**croc send --exclude-file** "*<p1>*,*<p2>*"
Skip exact relative paths

**croc send --git** *<dir>*
Respect .gitignore

**croc send --no-local** *<file>*
Skip the local relay, use remote

**croc send --hash imohash** *<dir>*
Faster hash for huge files

## RECEIVE

**croc** *<code>*
Receive with a code phrase

**CROC_SECRET=***<code>* **croc**
Receive without the code in ps

**croc --out** *<dir> <code>*
Save into a directory

## RECEIVE (cont.)

**croc --yes** *<code>*
Auto-accept the transfer

**croc --overwrite --yes** *<code>*
Overwrite existing files silently

**croc --rename** *<code>*
Keep both: save as name (1)

**croc --yes --stdout** *<code>* **>** *<file>*
Write received data to stdout

**croc --ignore-stdin**
Do not read piped stdin

## OPTIONS

**croc --ask send** *<file>*
Confirm on both sides

**croc --no-compress send** *<file>*
Skip compression (media, archives)

**croc --throttleUpload 500k send** *<file>*
Cap upload speed

**croc --local send** *<file>*
Local network only, no relay

**croc --disable-clipboard send** *<file>*
Do not copy the code

## OPTIONS (cont.)

**croc --extended-clipboard send** *<file>*
Copy full receive command

## RELAY AND NETWORK

**croc relay**
Run your own relay (ports 9009-9013)

**croc --relay** *<host:9009>* **send** *<file>*
Use a specific relay

**croc --relay** *<host:9009>* **--pass** *<pw> <code>*
Receive via private relay

**CROC_RELAY=***<host:9009>*
**CROC_PASS=***<pw>* **croc**
Relay settings from env

## STORE AND EXTRAS

**croc store** *<file>*
Upload encrypted for later pickup

**croc update --check**
Look for a newer release

**croc update**
Install the latest release

**croc --version**
Show installed version

## STORE AND EXTRAS (cont.)

**croc --help**
List commands and flags

croc update only works for the script install (curl https://getcroc.com | bash); with a package manager, update through it.

## RECIPES

### Send a project without junk

```
croc send --git --zip
<project-dir>
# receiver:
croc <code>
```

### Pipe a stream over croc

```
tar czf - <dir> | croc send
# receiver:
croc --yes --stdout <code> |
tar xzf -
```

### Private relay between your machines

```
# on the server
CROC_PASS=<pw> croc relay
# on each client
export
CROC_RELAY=<server>:9009
CROC_PASS=<pw>
croc send <file>
```

### Unattended receive

```
CROC_SECRET=<code> croc --
yes --overwrite --out <dir>
```