Netlify CLI

Deploy from the terminal

CONCEPTS

A plain netlify deploy makes a draft with its own URL; only --prod changes the live site.

Local folder .netlify/state.json
↓ `netlify deploy`
Draft deploy unique URL
↓ `--prod`
Production live site
↓ `netlify watch`
Deploy finished status in terminal

netlify deploy builds first by default; pass --no-build when the output already exists.

In CI, authenticate with the NETLIFY_AUTH_TOKEN variable and pick the project with --site or NETLIFY_SITE_ID.

SETUP

`npm i -g netlify-cli`
Install the CLI

`netlify login`
Sign in via browser

`netlify link`
Link folder to an existing project

`netlify init`
Set up continuous deployment

`netlify link --name <name>`
Link by project name

`netlify sites:create --name <name>`
Create an empty project

`netlify unlink`
Unlink this folder

`netlify status`
Show login and linked project

LOCAL DEV

`netlify dev`
Run the site with functions locally

`netlify dev --port <port>`
Use another port

`netlify dev --command "<cmd>"`
Set the framework dev command

`netlify dev --live`
Share a public tunnel URL

LOCAL DEV (cont.)

`netlify serve`
Production build, served locally

`netlify build`
Run the build locally

`netlify build --context deploy-preview`
Build with preview env vars

DEPLOY

`netlify deploy`
Deploy a draft

`netlify deploy --prod`
Deploy to production

`netlify deploy --dir <path>`
Folder to publish

`netlify deploy --functions <folder>`
Functions folder to ship

`netlify deploy --no-build`
Skip the build step

`netlify deploy --message "<msg>"`
Note in the deploy log

`netlify deploy --alias <name>`
Predictable draft subdomain

`netlify deploy --json`
Print deploy data as JSON

`netlify deploy --prod-if-unlocked`
Prod if unlocked, else draft

`netlify deploy --site <name-or-id>`
Target a specific project

`netlify watch`
Wait for a deploy to finish

ENV VARS

`netlify env:list`
List variables

`netlify env:get <name>`
Print one value

`netlify env:set <name> <value>`
Set a variable

`netlify env:unset <name>`
Remove a variable

ENV VARS (cont.)

`netlify env:import <file>`
Load variables from a .env file

`netlify env:set <name> <value> --context production`
Limit to a deploy context

`netlify env:list --context <context>`
List one context (default dev)

FUNCTIONS

`netlify functions:create <name>`
Scaffold a new function

`netlify functions:list`
List local functions

`netlify functions:invoke <name>`
Call a function in netlify dev

`netlify functions:invoke <name> --payload '<json>'`
Send a JSON body

`netlify functions:serve`
Serve functions only

LOGS & PROJECTS

`netlify logs`
Recent function logs (10 min)

`netlify logs --follow`
Stream logs live

`netlify logs --since <time>`
Widen the time window

`netlify logs --function <name>`
Only one function

`netlify logs --source deploy --deploy-id <id>`
Build logs of a deploy

`netlify sites:list`
List your projects

GLOBAL OPTIONS

`--site <name-or-id>`
Run against another project

`--auth <token>`
Authenticate with a token

`netlify help <command>`
Help for one command