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