Vercel CLI Deploy from the terminal

CONCEPTS

A plain vercel is a preview deploy; only --prod (or the first deploy of a project) goes to production.

Local folder .vercel link
↓ `vercel`
Preview unique URL
↓ `vercel promote`
Production live domains
↓ `vercel rollback`
Earlier deployment previous build

In CI, authenticate with the VERCEL_TOKEN environment variable rather than --token so it stays out of process lists.

stdout of a deploy is always the deployment URL, so vercel > url.txt works in scripts.

SETUP

`npm i -g vercel`
Install the CLI

`vercel login`
Sign in to your account

`vercel link`
Link folder to a Vercel project

`vercel whoami`
Show the signed-in user

`vercel switch` *<team>*
Change active team scope

`vercel --version`
Show CLI version

DEPLOY

`vercel`
Deploy a preview

`vercel --prod`
Deploy to production

`vercel deploy --prebuilt`
Deploy output of vercel build

`vercel build`
Build locally into .vercel/output

`vercel --force`
Deploy without the build cache

`vercel --prod --skip-domain`
Deploy prod, keep domains on old one

DEPLOY (cont.)

`vercel --logs`
Print build logs while deploying

`vercel --yes`
Skip project setup questions

`vercel redeploy` *<url>*
Rebuild an existing deployment

LOCAL & ENV

`vercel dev`
Run the project locally

`vercel pull`
Fetch env vars and settings to .vercel/

`vercel env ls`
List environment variables

`vercel env add` *<name> <environment>*
Add an env var

`vercel env update` *<name> <environment>*
Change an env var's value

`vercel env rm` *<name> <environment>*
Remove an env var

`vercel env pull` *<file>*
Write dev vars to a file

`vercel env pull --environment=preview`
Pull Preview variables instead

`vercel env run --` *<command>*
Run a command with the env vars

INSPECT & LOGS

`vercel list`
Recent deployments

`vercel inspect` *<url>*
Show deployment details

`vercel inspect` *<url>* **`--logs`**
Show its build logs

`vercel logs`
Runtime logs, last 30 minutes

`vercel logs --since` *<duration>*
Widen the time window

`vercel logs --deployment` *<url>*
Logs of one deployment

`vercel logs --query` *'<kql>'*
Filter with a KQL query

INSPECT & LOGS (cont.)

`vercel logs requests`
CDN request records

RELEASE

`vercel promote` *<url>*
Make a deployment the current one

`vercel rollback`
Return production to prior deployment

`vercel rollback` *<url>*
Roll back to a specific deployment

DOMAINS

`vercel domains ls`
List domains

`vercel domains add` *<domain> <project>*
Add a domain to a project

`vercel alias set` *<url> <domain>*
Point a domain at a deployment

OPTIONS

`--cwd` *<dir>*
Run against another directory

`--scope` *<team>*
Run as another team

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

`--non-interactive`
Never prompt (CI, scripts)

RECIPES

First deploy of a project

```
npm i -g vercel
vercel login
vercel link
vercel env pull
vercel --prod
```

CI deploy with a token

```
export VERCEL_TOKEN=<token>
vercel pull --yes --
environment=production
vercel build --prod
vercel deploy --prebuilt --prod
```

Stage, check, then promote

```
vercel --prod --skip-domain
vercel inspect <url> --logs
vercel promote <url>
```