flyctl Fly.io CLI

CONCEPTS

fly and flyctl are the same binary. Most commands read the app name from fly.toml in the current directory; use -a <app> elsewhere.

launch app + fly.toml
↓ deploy
Release image, rolling update
↓ Machines
Machines run in regions
↓ logs / ssh / scale

fly deploy builds on a remote builder by default; --local-only uses your Docker daemon.

ACCOUNT AND APPS

fly auth login
Log in via the browser

fly auth whoami
Show the logged-in user

fly apps list
List your apps

fly apps create *<name>*
Create an app without deploying

fly apps destroy *<name>*
Delete an app

fly apps restart *<name>*
Restart all Machines of an app

fly platform regions
List region codes

LAUNCH AND DEPLOY

fly launch
Detect project, create app and fly.toml

fly launch --no-deploy
Configure only, deploy later

fly launch --name *<app>* **--region** *<code>*
Choose name and region

fly deploy
Build and deploy from the current directory

fly deploy -a *<app>*
Deploy a specific app

fly deploy -c *<file>*
Use another config file

fly deploy --image *<image>*
Deploy a prebuilt image

LAUNCH AND DEPLOY (cont.)

fly deploy --local-only
Build with the local Docker daemon

fly deploy --strategy *<name>*
rolling, canary, bluegreen or immediate

STATUS AND LOGS

fly status
App, Machines and their state

fly logs
Stream logs

fly logs --no-tail
Print buffered logs and exit

fly logs --machine *<id>*
Logs of one Machine

fly releases
Release history

fly open
Open the app in a browser

SECRETS

fly secrets set *<NAME>*=*<value>*
Set encrypted secrets

fly secrets list
Names and digests, never values

fly secrets unset *<NAME>*
Remove a secret

MACHINES AND SCALING

fly scale count *<n>*
Set the number of Machines

fly scale show
Current VM size and count

fly scale vm *<size>*
Change size, e.g. shared-cpu-1x

fly scale memory *<mb>*
Set memory

fly machine list
List Machines

fly machine status *<id>*
Detail of one Machine

fly machine stop *<id>*
Stop a Machine

fly machine start *<id>*
Start a Machine

MACHINES AND SCALING (cont.)

fly machine restart *<id>*
Restart a Machine

fly machine destroy *<id>*
Delete a Machine

ACCESS AND DEBUGGING

fly ssh console
Interactive shell on a Machine

fly ssh console -C *<cmd>*
Run one command

fly ssh console --machine *<id>*
Pick a specific Machine

fly ssh console -s
Choose from a list

fly proxy *<local>*:*<remote>*
Tunnel a local port to the app

VOLUMES

fly volumes create *<name>* **-r** *<code>* **-s** *<gb>*
Create a volume

fly volumes list
List volumes

fly volumes show *<id>*
Volume details

fly volumes extend *<id>* **-s** *<gb>*
Grow a volume

fly volumes destroy *<id>*
Delete a volume

DOMAINS AND IPS

fly certs add *<domain>*
Request a TLS certificate

fly certs check *<domain>*
Check DNS and certificate state

fly certs list
List certificates

fly ips list
Show allocated IPs

RECIPES

Persistent data

```
fly volumes create data -r <code>
-s 3
# fly.toml: [mounts] source =
"data", destination = "/data"
fly deploy
```