

1. THE BASICS

API SELECTION cf api

Use the given URL as Cloudfoundry API endpoint
`$ cf api https://api.de.a9s.eu`

LOGIN cf login

Prompts for username & password

Shortcut: `$ cf l`

LOGOUT cf logout

SELECT TARGET cf target

Target a given space in a given organization, e.g.

`$ cf target -o [ORG] -s [SPACE]`

4. SERVICE MANAGEMENT

LIST SERVICES & PLANS cf marketplace

LIST SERVICES IN CURRENT SPACE cf services

Lists service instances in the current space.

Shortcut: `$ cf s`

SHOW SERVICE INFORMATION cf service

`$ cf service [INSTANCE NAME]`

NEW SERVICE INSTANCE cf create-service

`$ cf create-service [SERVICE NAME] [PLAN] [INSTANCE NAME]`

Example:

`$ cf create-service mongodb Pluto-free my_service`

DELETE SERVICE INSTANCE cf delete-service

`$ cf delete-service [INSTANCE NAME]`

BIND SERVICE TO APP cf bind-service

`$ cf bind-service [APP] [INSTANCE NAME]`

UNBIND SERVICE cf unbind-service

`$ cf unbind-service [APP] [INSTANCE NAME]`

2. APPLICATION MANAGEMENT

LIST APPLICATIONS cf apps

Lists all applications in the current space

DISPLAY APP INFORMATION cf app

Displays health status of the application instances

`$ cf app [APP]`

DEPLOY AN APPLICATION cf push

Please refer to cf help push for the list of available options, e.g.

`$ cf push my_app -c "bundle exec ruby my_app.rb" -d example.com -i 3 -n subdomain`

SCALE APPLICATION cf scale

`$ cf scale [APP] [-i INSTANCES] [-k DISK] [-m MEMORY] [-f]`

DELETE AN APPLICATION cf delete

Deletes application.[-r] also deletes the mapped routes.[-f] forces deletion without confirmation

`$ cf delete [APP] [-f] [-r]`

START/STOP/RESTART cf start/stop/restart

`$ cf start [APP]` **Shortcut:** `$ cf st`

`$ cf stop [APP]` **Shortcut:** `$ cf sp`

`$ cf restart [APP]` **Shortcut:** `$ cf rs`

6. SPACE MANAGEMENT

LIST SPACES cf spaces

SHOW SPACE INFORMATION cf space

Available information: organization, apps, domains and services

`$ cf space [SPACE NAME]`

NEW SPACE cf create-space

`$ cf create-space [SPACE NAME] -o [ORG]`

DELETE SPACE cf delete-space

`$ cf delete-space [SPACE NAME]`

RENAME SPACE cf rename-space

`$ cf rename-space [SPACE NAME] [NEW SPACE NAME]`

7. DOMAIN MANAGEMENT

LIST DOMAINS cf domains

Lists all domains for the current organization

ATTACH A DOMAIN cf create-domain

`$ cf create-domain [ORG] [DOMAIN]`

DETACH A DOMAIN cf delete-domain

`$ cf delete-domain [DOMAIN]`

3. LOG / ENVIRONMENT MANAGEMENT

LIST ENVIRONMENT VARS cf env

`$ cf env [APP]`

SET ENVIRONMENT VARS cf set-env

`$ cf set-env [APP] [VARIABLE NAME] [VALUE]`

UNSET ENVIRONMENT VARS cf unset-env

`$ cf unset-env [APP] [VARIABLE NAME]`

DISPLAY LOG INFORMATION cf logs

Tails the log files for given application

`$ cf logs [APP]`

DISPLAY APPLICATION EVENTS cf events

`$ cf events [APP]`

5. ROUTE MANAGEMENT

LIST ROUTES cf routes

Lists all routes in the current space

CREATE A ROUTE cf create-route

`$ cf create-route [SPACE_NAME] [DOMAIN] [-n HOSTNAME]`

Example:

`$ cf create-route development de.a9sapp.eu -n my-app`

MAP ROUTE TO APPLICATION cf map-route

`$ cf map-route [APP] [DOMAIN] [-n HOSTNAME]`

Example:

`$ cf map-route development de.a9sapp.eu -n my-app`

UNMAP ROUTE cf unmap-route

`$ cf unmap-route [APP] [DOMAIN] [-n HOSTNAME]`

Example:

`$ cf unmap-route development de.a9sapp.eu -n my-app`

DELETE ROUTE cf delete-route

`$ cf delete-route [APP] [DOMAIN] [-n HOSTNAME]`

Example:

`$ cf delete-route development de.a9sapp.eu -n my-app`

8. HELP USAGE

DISPLAY COMMAND HELP cf help [CMD]