Cheatography

# dokku Cheat Sheet

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## App Commands

| | |
|---|---|
| create app | `dokku apps:create <name>` |
| clone some app | `dokku apps:clone <name>` |
| destroy app | `dokku apps:destroy <name>` |
| list existing apps | `dokku apps:list` |
| rename app | `dokku apps:rename <name>` |
| get report for app | `dokku apps:report <name>` |

## Process managment

| | |
|---|---|
| list process inside container | `dokku ps:report <name>` |
| rebuild container | `dokku ps:rebuild <name>` |
| restart process inside container | `dokku ps:restart <name>` |
| scale process inside container | `ps:scale <name> <proc>=<count> [<proc>=<count>]` |
| rename app | `dokku apps:rename <name>` |
| get report for app | `dokku apps:report <name>` |

SCALING
Dokku allows you to run multiple process types at different container counts. For example, if you had an app that contained 1 web app listener and 1 background job processor, dokku can, spin up 1 container for each process type defined in the Procfile. By default, dokku will only start a single web process (if defined.) However, if you wanted, for example, 2 job processors running simultaneously, you can modify this behavior in one of the following ways.

## proxy NGINX and ports configuration

## Postgres integration

| | |
|---|---|
| create db | `dokku postgres: create <name>` |
| link db to app | `dokku postgres:link <db-name> <app-name>` |
| list db's | `dokku postgres:list` |
| connect via psql | `dokku postgres: connect <name>` |
| expose port for external connection | `dokku postgres: expose <name>` |
| export dump | `dokku postgres: export <name> > <file>` |
| destroy db | `dokku postgres: destroy <name>` |
| get info for db | `dokku postgres:info <name>` |

after link your db to your app, the path for you db will be accesible through DATABASE_URL env var

more commands here
postgres dokku

you need install first postgres plugin with:

```
dokku plugin:install https://github.com/dokku/dokku-postgres.git postgres
```

## other commands

| | |
|---|---|
| upload public key | `cat /home/<user>/.ssh/<public-key>.ey-name>"` |
| execute command inside docker container | `dokku --rm run <name> <command: python` |

## useful links

| | |
|---|---|
| dokku plugins | link github |
| CD gitlab | gitlab-ci-git-push |
| useful dokku ports plugin | dokku ports plugin |

| | |
|---|---|
| enable proxy for app | `dokku proxy: enable <app>` |
| disable proxy | `dokku proxy: disable <app>` |
| show proxy status for app | `dokku proxy: report <app>` |
| list proxy ports | `dokku proxy: ports <app>` |
| add proxy port | `dokku proxy: ports-add <app> <scheme|http>:<host-port|80>:<container-port|5000>` |
| remove proxy port | `dokku proxy: ports- remove <app> <scheme|http>:<host-port|80>:<container-port|5000>` |
| clear ports | `dokku proxy: ports- clear <app>` |

Dokku will extract all tcp ports exposed using the EXPOSE

```
FROM ubuntu:14.04
EXPOSE 1234
RUN python -m SimpleHTTPServer 1234
```

## Logs,info and ENV

| | |
|---|---|
| get report for app | `dokku apps:report [<app>]` |
| get logs | `dokku logs <name>` |
| set env variable | `dokku config:set [--no- restart] <name> <VARIABLE>=< VALUE>` |
| remove env variable | `dokku config :unset [--no- restart] <name> <VARIABLE >=< VALUE>` |
| get DB info | `dokku postgres:info <name>` |
| get proxy/-ports info | `dokku proxy: ports <name>` |
| know proxy is enable | `dokku proxy: report <name>` |
| get NGINX errors | `dokku nginx: error-logs <name>` |