dokku Cheat Sheet

by Carlos L (jejete) via cheatography.com/93958/cs/20678/

App Commands

create app	`dokku apps:c reate <na me>`
clone some app	`dokku apps:clone <na me>`
destroy app	`dokku apps:d estroy <na me>`
list existing apps	`dokku apps:list`
rename app	`dokku apps:r ename <na me>`
get report for app	`dokku apps:r eport <na me>`

Process managment

list process inside container	`dokku ps:report <na me>`
rebuild container	`dokku ps:rebuild <na me>`
restart process inside container	`dokku ps:restart <na me>`
scale process inside container	`ps:scale <na me> <pr oc> =<c oun t> [<p roc >=< cou nt>]`
rename app	`dokku apps:r ename <na me>`
get report for app	`dokku apps:r eport <na me>`

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 postgr es: create <na me>`
link db to app	`dokku postgr es:link <db -na me> <ap p-n - ame>`
list db's	`dokku postgr es:list`
connect via psql	`dokku postgr es: connect <na me>`
expose port for external connection	`dokku postgr es: expose <na me>`
export dump	`dokku postgr es: export <na me> > <fi le >`
destroy db	`dokku postgr es: destroy <na me>`
get info for db	`dokku postgr es:info <na me>`

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 :in stall https: //g ith ub.c om /do - kku /do kku -po stg res.git postgres
```

other commands

upload public key	`cat /home/ <us er> /.s sh/ <pu bli c-k ey>. e y-n ame >"`
execute command inside docker container	`dokku --rm run <na me> <co mma nd: pyt hon`

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 <ap p>`
disable proxy	`dokku proxy: disable <ap p>`
show proxy status for app	`dokku proxy: report <ap p>`
list proxy ports	`dokku proxy: ports <ap p>`
add proxy port	`dokku proxy: por ts-add <ap p> <sc hem e|h ttp >:< hos t-p ort |80 >:< con tai ne r -po rt| 500 0>`
remove proxy port	`dokku proxy: por ts- remove <ap p> <sc hem e|h ttp >:< hos t-p ort |80 >:< con ta i ner -po rt| 500 0>`
clear ports	`dokku proxy: por ts- clear <ap p>`

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:r eport [<a pp>]`
get logs	`dokku logs <na me>`
set env variable	`dokku config:set [--no- res tart] <na me> <VA RIA BLE >=< V AL UE>`
remove env variable	`dokku config :unset [--no- res tart] <na me> <VA RIA BLE >= < VAL UE>`
get DB info	`dokku  postgr es:info <na me>`
get proxy/-ports info	`dokku proxy: ports <na me>`
know proxy is enable	`dokku  proxy: report  <na me>`
get NGINX errors	`dokku nginx: err or-logs  <na me>`

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