1 Concourse CheatSheet   TOOLS

- PDF Link: cheatsheet-concourse-A4.pdf, Category: tools

- Blog URL: `https://cheatsheet.dennyzhang.com/cheatsheet-concourse-A4`

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1.1 Concepts

Name	Summary
Targets	alias of endpoint urls
Behavior	

Links:
`https://concourse-ci.org/concepts.html`

1.2 Concourse fly

Name	Summary
fly login	`fly -t <target> login -c $concourse_url -t <team>`
Update pipeline	`setpipeline.sh <pipeline_name>`
Login to container	`fly -t <target> hijack -u <job_url>`
Get pipeline definition	`fly -t $target get-pipeline -p $job-name > job.yaml` link: fly-getpipeline
List all authenticated end points	`fly targets` link: fly targets

1.3 Modules

Name	Summary
Git repo	`git-resource` example: example-git.yml
Google Bucket	`gcs-resource`
Docker image	`docker-image-resource`

Links:
`https://concoursetutorial.com/`
`https://github.com/concourse/docker-image-resource`
`https://github.com/frodenas/gcs-resource`
`https://github.com/concourse/git-resource`

1.4 fly Online Usage

```
bash-3.2$ fly --help
error: Usage:
  fly [OPTIONS] <command>

Application Options:
  -t, --target=              Concourse target name
  -v, --version              Print the version of Fly and exit
      --verbose              Print API requests and responses
      --print-table-headers  Print table headers even for redirected output

Help Options:
  -h, --help                 Show this help message

Available commands:
  abort-build        Abort a build (aliases: ab)
  builds             List builds data (aliases: bs)
  check-resource     Check a resource (aliases: cr)
  checklist          Print a Checkfile of the given pipeline (aliases: cl)
  containers         Print the active containers (aliases: cs)
```

```
destroy-pipeline    Destroy a pipeline (aliases: dp)
destroy-team        Destroy a team and delete all of its data (aliases: dt)
execute             Execute a one-off build using local bits (aliases: e)
expose-pipeline     Make a pipeline publicly viewable (aliases: ep)
format-pipeline     Format a pipeline config (aliases: fp)
get-pipeline        Get a pipeline's current configuration (aliases: gp)
help                Print this help message
hide-pipeline       Hide a pipeline from the public (aliases: hp)
hijack              Execute a command in a container (aliases: intercept, i)
jobs                List the jobs in the pipelines (aliases: js)
login               Authenticate with the target (aliases: l)
logout              Release authentication with the target (aliases: o)
order-pipelines     Orders pipelines (aliases: op)
pause-job           Pause a job (aliases: pj)
pause-pipeline      Pause a pipeline (aliases: pp)
pause-resource      Pause a resource (aliases: pr)
pipelines           List the configured pipelines (aliases: ps)
prune-worker        Prune a stalled, landing, landed, or retiring worker (aliases: pw)
rename-pipeline     Rename a pipeline (aliases: rp)
rename-team         Rename a team (aliases: rt)
set-pipeline        Create or update a pipeline's configuration (aliases: sp)
set-team            Create or modify a team to have the given credentials (aliases: st)
status              Login status
sync                Download and replace the current fly from the target (aliases: s)
targets             List saved targets (aliases: ts)
teams               List the configured teams (aliases: t)
trigger-job         Start a job in a pipeline (aliases: tj)
unpause-job         Unpause a job (aliases: uj)
unpause-pipeline    Un-pause a pipeline (aliases: up)
unpause-resource    Unpause a resource (aliases: ur)
validate-pipeline   Validate a pipeline config (aliases: vp)
volumes             List the active volumes (aliases: vs)
watch               Stream a build's output (aliases: w)
workers             List the registered workers (aliases: ws)
```

1.5   More Resources

http://www.mikeball.info/blog/concourse-git-resource/
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