

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	
bbl (bosh-bootloader)	GitHub: bosh-bootloader
Links	concepts, concoursetutorial.com

<https://raw.githubusercontent.com/dennyzhang/cheatsheet.dennyzhang.com/master/cheatsheet-concourse-A4/concourse-sample.png>

1.2 Concourse fly

Name	Summary
List all authenticated end points	<code>fly targets</code> link: fly targets
fly login	<code>fly -t \$target login -c \$concourse_url -n \$team_name</code>
Get pipeline definition	<code>fly -t \$target get-pipeline -p \$job-name > job.yaml</code> link: fly-getpipeline
Update pipeline	<code>fly -t \$target set-pipeline -p \$pipeline_name --config pipeline.yml</code>
Login to container	<code>fly -t \$target hijack -u \$job_url</code>
Destroy pipeline	<code>fly -t \$target destroy-pipeline --pipeline my-pipeline</code>

1.3 Modules

Name	Summary
Git repo	<code>git-resource</code> example: <code>example-git.yml</code>
Google Bucket	<code>gcs-resource</code>
Docker image	<code>docker-image-resource</code>

1.4 Concourse Resources

Name	Summary
<code>docker-image-resource</code>	https://github.com/concourse/docker-image-resource
<code>gcs-resource</code>	https://github.com/frodenas/gcs-resource
<code>git-resource</code>	https://github.com/concourse/git-resource

1.5 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)

1.6 More Resources

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

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