

# 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

## 1.2 Concourse fly

Name	Summary
fly login	fly -t \$target login -c \$concourse_url -t \$team
Get pipeline definition	fly -t \$target get-pipeline -p \$job-name > job.yaml link: fly-getpipeline
Update pipeline	fly -t \$target set-pipeline -p \$pipeline_name --config pipeline.yml
Login to container	fly -t \$target hijack -u \$job_url
Destroy pipeline	fly -t example destroy-pipeline --pipeline my-pipeline
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://concourse-ci.org/concepts.html>

<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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