

# 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>                          |
| 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://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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