Tekton CLI Tekton pipelines CLI

CONCEPTS

tkn talks to whichever cluster and namespace kubectl currently points at. Pass -n <ns> or -c <ctx> to override, and check them before deleting.

Pipeline ordered tasks
↓ start
PipelineRun one execution
↓ creates
TaskRun per task
↓ runs
Pod one step per container

Definitions are reusable; each start creates a run

Aliases: pr = pipelinerun, tr = taskrun, p = pipeline, t = task. Commands take a run name, or --last for the newest.

PIPELINES

`tkn pipeline list`
List pipelines

`tkn pipeline describe <name>`
Params, workspaces, tasks, recent runs

`tkn pipeline start <name>`
Start a run (prompts for params)

`tkn pipeline start <name> -p <key>=<val>`
Pass a parameter

`tkn pipeline start <name> --showlog`
Start and stream logs

`tkn pipeline start <name> --use-param-defaults`
Skip param prompts

`tkn pipeline start <name> -L`
Rerun with last run's values

`tkn pipeline start -f <file>`
Start from a local or remote file

`tkn pipeline start <name> --dry-run -o yaml`
Preview the PipelineRun

`tkn pipeline start <name> -s <sa>`
Use a service account

WORKSPACES

`-w name=<ws>,emptyDir=`
Scratch dir for the run

WORKSPACES (cont.)

`-w name=<ws>,claimName=<pvc>`
Bind an existing PVC

PIPELINERUNS

`tkn pr list`
List runs

`tkn pr describe <run>`
Status, params, task runs

`tkn pr describe --last`
Describe newest run

`tkn pr logs <run>`
Show run logs

`tkn pr logs <run> -f`
Stream logs live

`tkn pr logs --last`
Logs of newest run

`tkn pr logs <run> --log-failed`
Only failed tasks and steps

`tkn pr cancel <run>`
Cancel a running run

`tkn pr delete <run>...`
Delete runs by name

`tkn pr delete --keep <n>`
Keep the n newest

TASKS

`tkn task list`
List tasks

`tkn task describe <name>`
Params, steps, recent runs

`tkn task start <name>`
Start a task run

`tkn task start <name> -p <key>=<val> --showlog`
Pass params and follow

TASKRUNS

`tkn tr list`
List task runs

`tkn tr describe <run>`
Steps, status, results

`tkn tr logs <run> -f`
Stream logs live