Argo Workflows

Kubernetes workflow engine

CONCEPTS

> Use @latest instead of a workflow name to target the most recent run.

Manifest YAML file
↓ `argo lint`
Submit creates a Workflow
↓ `argo submit`
Running one pod per step
↓ `argo logs`
Finished Succeeded or Failed
↓ `argo retry`
Rerun same workflow

SUBMIT & LINT

`argo submit <file>`
Submit a workflow

`argo submit <file> --watch`
Submit and follow progress

`argo submit <file> --log`
Submit and tail logs

`argo submit <file> -p <name>=<value>`
Set an input parameter

`argo submit --from workflowtemplate/<name>`
Submit from a template

`argo submit --from cronworkflow/<name>`
Run a cron workflow now

`argo lint <file or dir>`
Validate manifests

INSPECT

`argo list`
List workflows

`argo list -A`
List across all namespaces

`argo list --running`
Only running workflows

`argo list --status Failed,Error`
Filter by status

`argo get <name>`
Show a workflow and its steps

`argo get @latest`
Show the latest workflow

INSPECT (cont.)

`argo get <name> -o yaml`
Full manifest and status

`argo watch <name>`
Watch until it completes

`argo wait <name>`
Block until it completes

LOGS

`argo logs <name>`
Print workflow logs

`argo logs <name> -f`
Stream logs

`argo logs @latest -f`
Follow the newest run

`argo logs <name> <pod>`
Logs of one pod

CONTROL

`argo retry <name>`
Retry failed steps

`argo resubmit <name>`
Start a fresh copy

`argo stop <name>`
Stop, letting exit handlers run

DELETE

`argo delete <name>`
Delete a workflow

TEMPLATES

`argo template create <file>`
Create a WorkflowTemplate

`argo template list`
List WorkflowTemplates

CRON

`argo cron create <file>`
Create a cron workflow

`argo cron list`
List cron workflows

CONNECTION & SCRIPTING

`argo -n <namespace> <command>`
Pick the namespace