

From Zero to CD with Tekton



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IBM Cloud Native Day

An IBM Community Virtual Conference



0 to CD



Photo by [Chewy](#), CC0

Introduction

Q&A



Introduction



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Tekton is an open-source framework for creating CI/CD systems

Cloud Native

Serveless,
Scalable
Pipelines



Standardization

Built In Best
Practices

Maximum
Flexibility

Core Projects

- › Pipeline
- › Triggers

Tooling:

- › CLI *tkn*
- › Dashboard
- › Operator

Discovery:

- › Catalog
- › Hub

Adds-on:

- › Results
- › Chain
- › Experiments

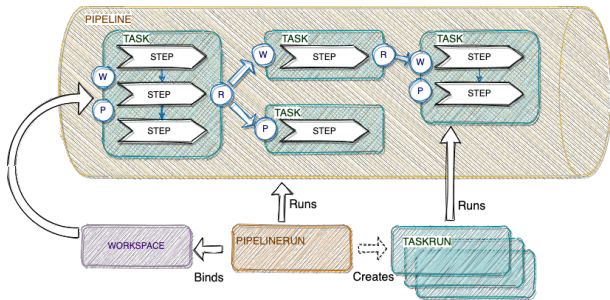


A bit of history

- › From Knative Built, to Pipeline
- › Extend the k8s API with CRDs
- › Tekton and the CDF



- › Definitions: Step, Task, Pipeline
- › Bindings: Workspaces, Parameters, Results
- › Execution: TaskRun, PipelineRun





Thank You! Questions?



References

- › Come and Join Us at Tekton!
- › Tekton community: github.com/tektoncd/community
- › Slides: github.com/afrittoli/scaling_pipelines_with_tekton
- › Tekton: tekton.dev
- › Tekton on GitHub: github.com/tektoncd
- › Tekton Results: github.com/tektoncd/results
- › Tekton Hub: hub.tekton.dev
- › Performance TEP: TEP-0036
- › Metrics TEP: TEP-0006

