apiVersion: tekton.dev/v1

kind: Pipeline

metadata:

name: install-requirements

spec:

workspaces:

- name: source

params:

- name: repo-url

type: string

- name: revision

type: string

default: main

tasks:

# 1) Clone the repo into the workspace

- name: clone

taskRef:

kind: ClusterTask

name: git-clone # must exist in your cluster

workspaces:

- name: output

workspace: source

params:

- name: url

value: $(params.repo-url)

- name: revision

value: $(params.revision)

- name: deleteExisting

value: "true"

# 2) Install requirements from that workspace

- name: pip-install

runAfter: ["clone"]

taskSpec:

workspaces:

- name: src

steps:

- name: install

image: python:3.10

env:

- name: HOME

value: /tekton/home # fixes pip writing under /tekton/home

workingDir: $(workspaces.src.path)

script: |

set -euo pipefail

python --version

pip install --upgrade pip

if [ -f requirements.txt ]; then

pip install -r requirements.txt

else

echo "No requirements.txt found"

fi

workspaces:

- name: src

workspace: source

apiVersion: tekton.dev/v1

kind: PipelineRun

metadata:

generateName: install-requirements-

spec:

pipelineRef:

name: install-requirements

params:

- name: repo-url

value: https://github.com/<org>/<repo>.git # <-- your repo

- name: revision

value: feature/<your-branch> # or main

timeouts:

pipeline: 15m

workspaces:

- name: source

volumeClaimTemplate:

spec:

accessModes: ["ReadWriteOnce"]

resources:

requests:

storage: 1Gi