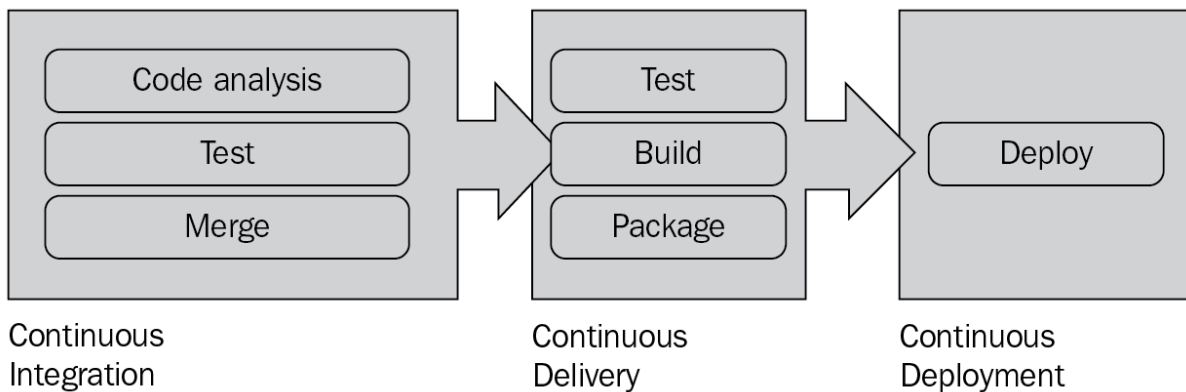
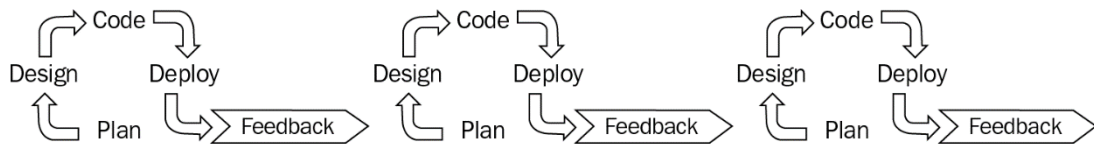


Chapter 1: A Brief History of CI/CD

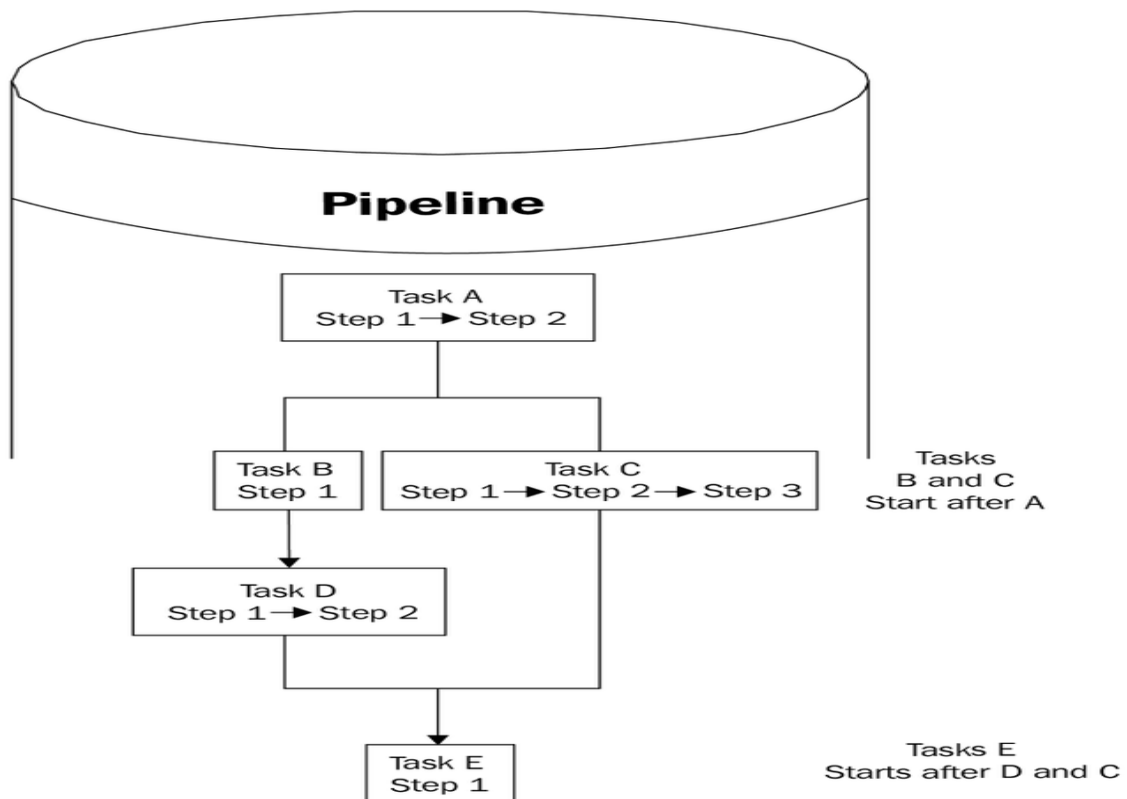
Waterfall

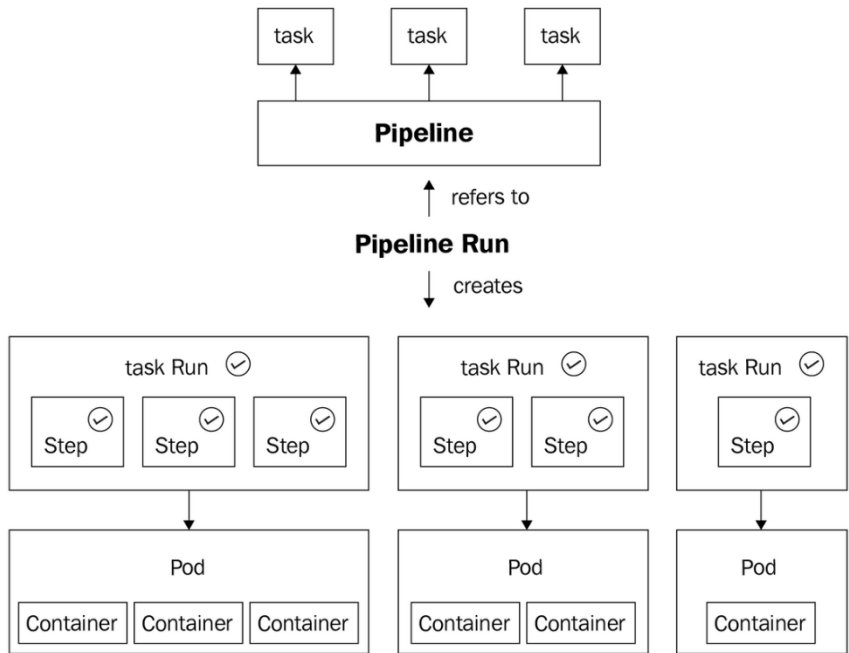


Agile

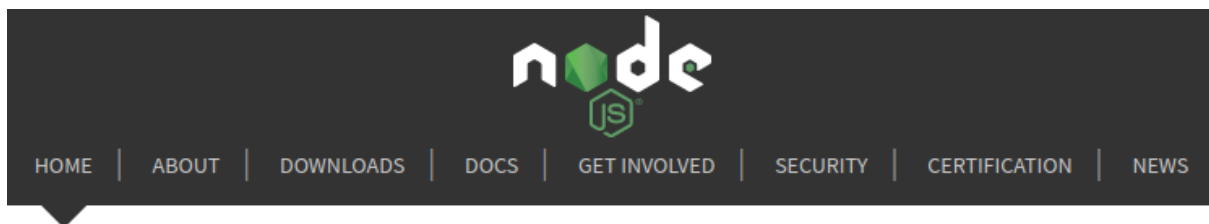
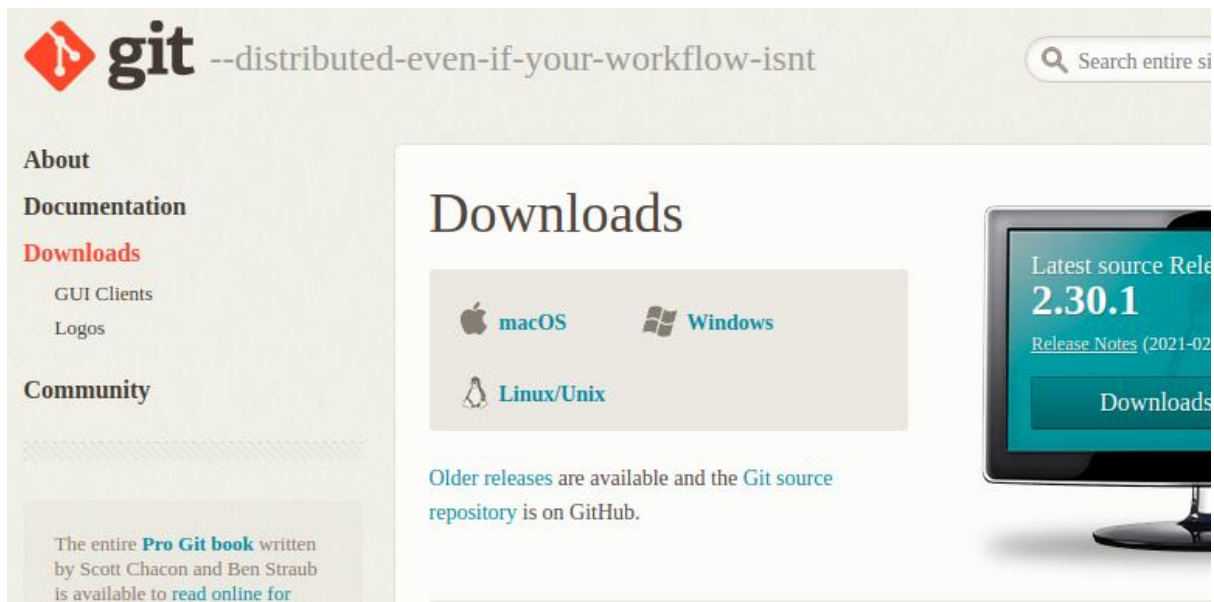


Chapter 2: A Cloud-Native Approach to CI/CD





Chapter 3: Installation and Getting Started



Node.js® is a JavaScript runtime built on [Chrome's V8 JavaScript engine](#).

#BlackLivesMatter

Download for Linux (x64)

14.15.5 LTS

Recommended For Most Users

15.8.0 Current

Latest Features

[Other Downloads](#) | [Changelog](#) | [API Docs](#) [Other Downloads](#) | [Changelog](#) | [API Docs](#)

Or have a look at the [Long Term Support \(LTS\) schedule](#).

Visual Studio Code Docs Updates Blog API Extensions FAQ Learn

Version 1.53 is now available! Read about the new features and fixes

Code editing. Redefined.

Free. Built on open source. Runs everywhere.

↓ .deb

Debian, Ubuntu...

↓ .rpm

Red Hat, Fedora...

↓

[Other platforms and Insiders Edition](#)

By using VS Code, you agree to its [license and privacy statement](#).

Tekton Pipelines

Red Hat | 2,959 | ★★★★★ | Repository | License

Tekton Pipelines extension by Red Hat

[Install](#)

Install this extension in all your synced Visual Studio Code instances

[redhat.vscode-tekton-pipelines](#)

[Details](#)

[Feature Contributions](#)

[Changelog](#)

[Dependencies](#)

Tekton Pipelines Extension

System	Status
Build (master branch)	 CI passing codecov 67% license MIT

Get Started with Docker

We have a complete container solution for you - no matter who you are and where you are on your containerization journey.



Docker Desktop

Developer productivity tools and a local Kubernetes environment.

[Download for Linux](#)



Docker Hub

Cloud-based application registry and development team collaboration services.

[Signup](#)



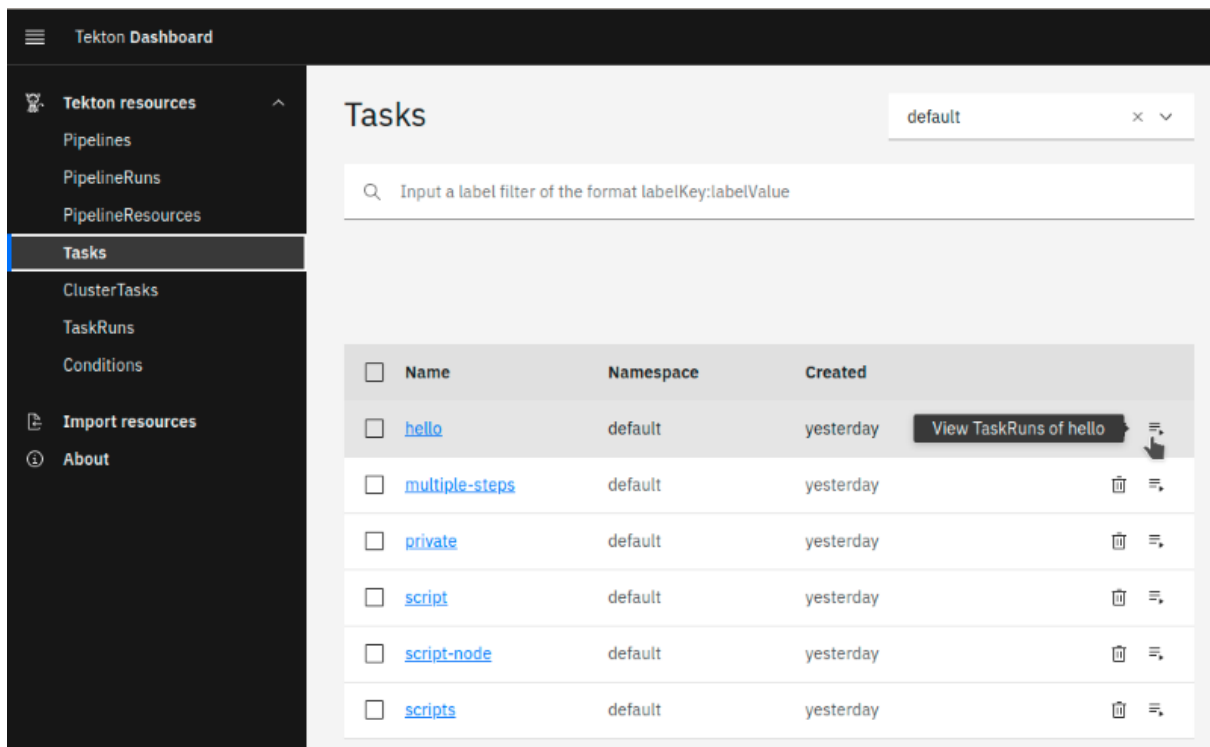
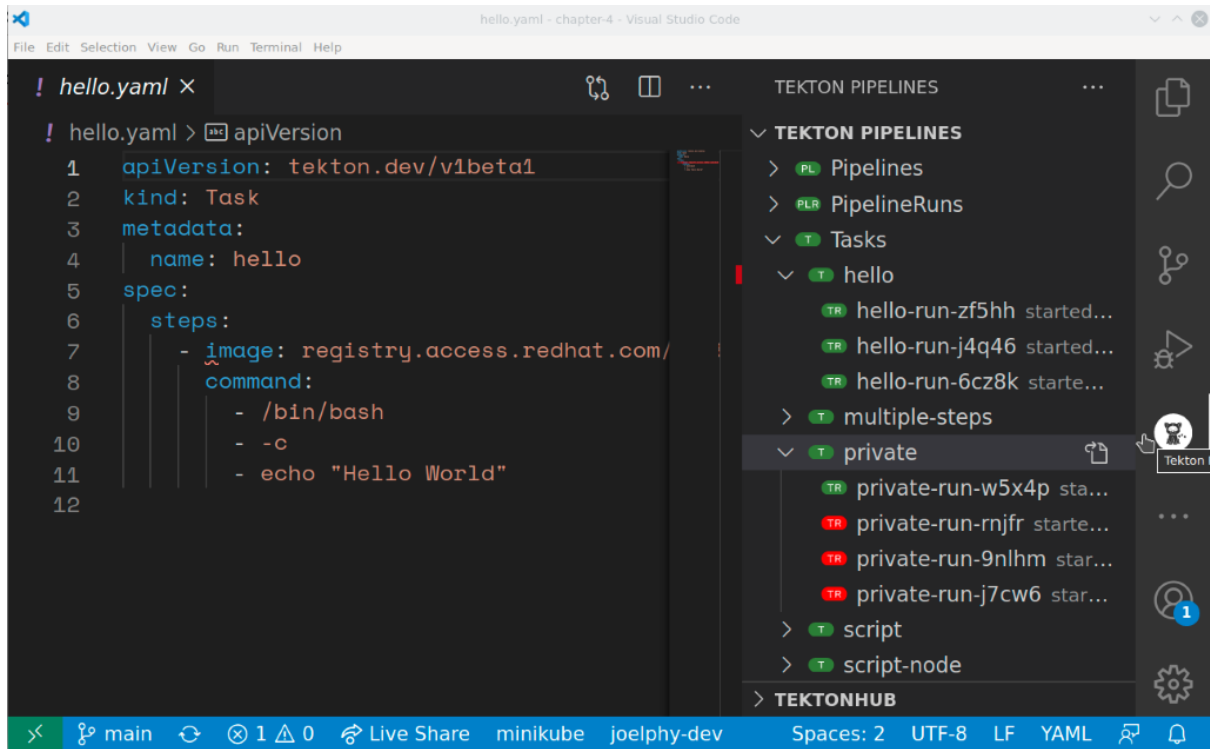
Play with Docker

Cloud-based docker environment to try out docker and learn the ropes.

[Play with Docker](#)

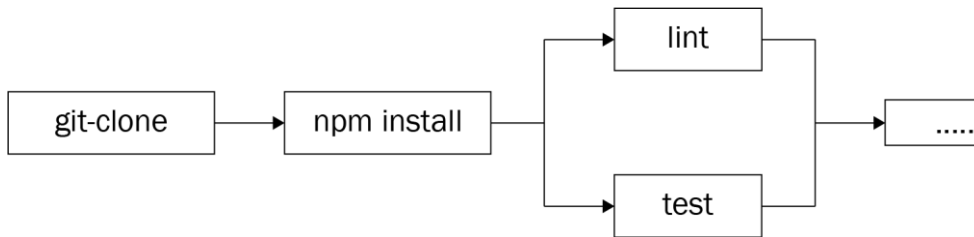
The screenshot shows the Tekton Dashboard interface. On the left is a dark sidebar with a menu containing: Tekton Dashboard, Tekton resources (with a sub-menu for Pipelines, PipelineRuns, PipelineResources, Tasks, ClusterTasks, TaskRuns, and Conditions), Import resources, and About. The main content area is titled "PipelineRuns" and includes a search bar with the placeholder "Input a label filter of the format labelKey:labelValue". Below the search bar is a "Status" dropdown menu set to "All" and a blue "Create +" button. A table header is visible with columns: Status, Name, Pipeline, Namespace, Created, and Duration. The table body is currently empty, displaying the message "No matching PipelineRuns found".

Chapter 4: Stepping into Tasks

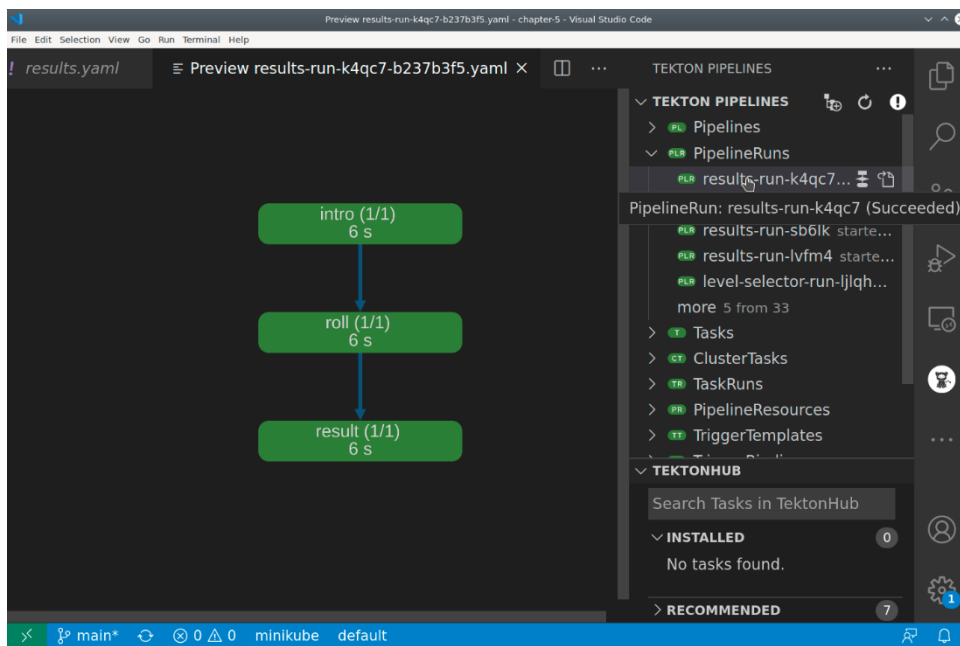
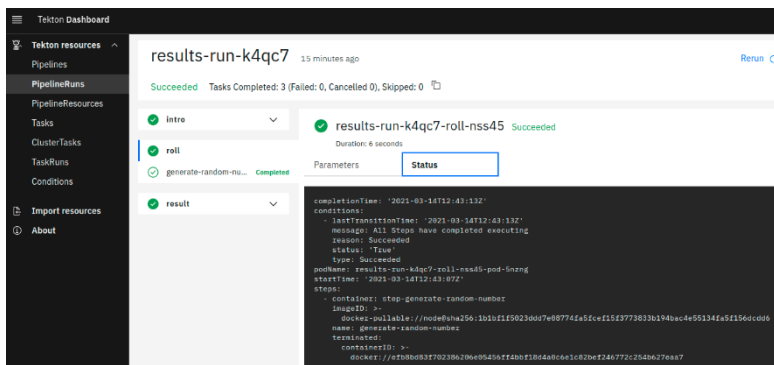
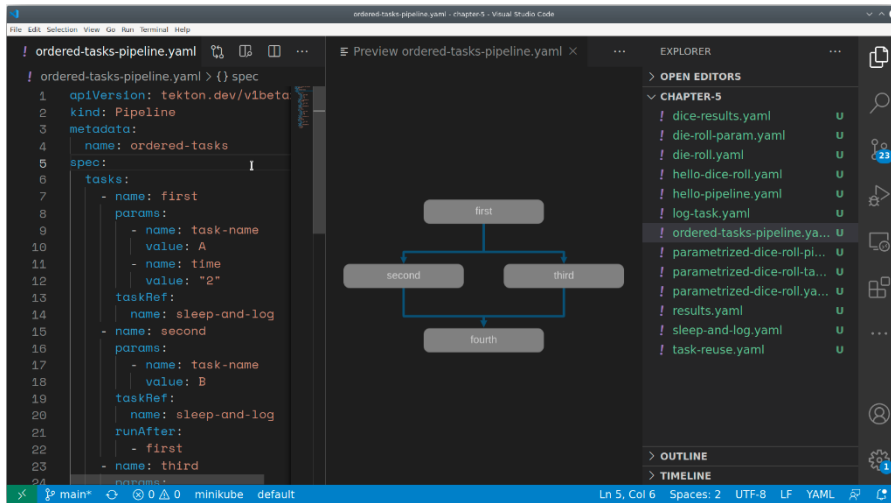


Chapter 5: Jumping into Pipelines

```
! ordered-tasks-pipeline.yaml > {} spec > [ ] tasks
15 - name: second
16   params:
17     - name: task-name
18       value: B
19   taskRef:
20     name: sleep-and-log
21 - name: third
22   params:
23     - name: task-name
24       value: C
25     - name: time
26       value: "3"
27   taskRef:
28     name: sleep-and-log
29 - name: fourth
30   params:
31     - name: task-name
32       value: D
33   taskRef:
34     name: sleep-and-log
35
```



```
! ordered-tasks-pipeline.yaml > apiVersion
1  apiVersion: tekton.dev/v1beta
2  kind: Pipeline
3  metadata:
4    name: ordered-tasks
5  spec:
6    tasks:
7      - name: first
8        params:
9          - name: task-name
10            value: A
11          - name: time
12            value: "2"
13        taskRef:
14          name: sleep-and-log
15      - name: second
16        params:
17          - name: task-name
18            value: B
19        taskRef:
20          name: sleep-and-log
21        runAfter:
22          - first
23      - name: third
24
```

Chapter 6: Debugging and Cleaning Up Pipelines and Tasks

No Images

Chapter 7: Sharing Data with Workspaces

No Images

Chapter 8: Adding when Expressions

No Images

Chapter 9: Securing Authentication

No Images

Chapter 10: Getting Started with Triggers

ngrok How it works Pricing Enterprise solutions Docs Download ↓ Login Sign up

Download & setup ngrok

Get started in just a few seconds.

Download for Linux MORE OPTIONS ▾

1 UNZIP TO INSTALL

On Linux or OSX you can unzip ngrok from a terminal with the following command. On Windows, just double click ngrok.zip.

```
unzip /path/to/ngrok.zip
```

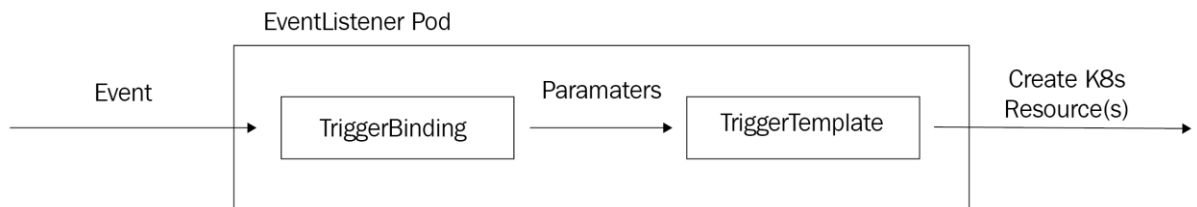
2 CONNECT YOUR ACCOUNT

Running this command will add your authtoken to your ngrok.yml file. Connecting an account will list your open tunnels in the dashboard, give you longer tunnel timeouts, and more. Visit the dashboard to get your auth token.

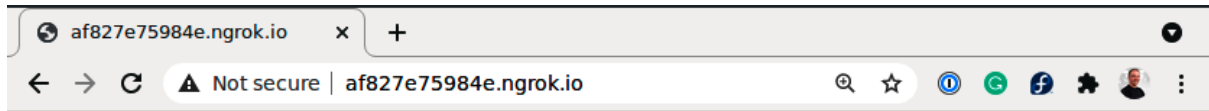
```
./ngrok authtoken <your_auth_token>
```

Don't have an account? [Sign up](#)

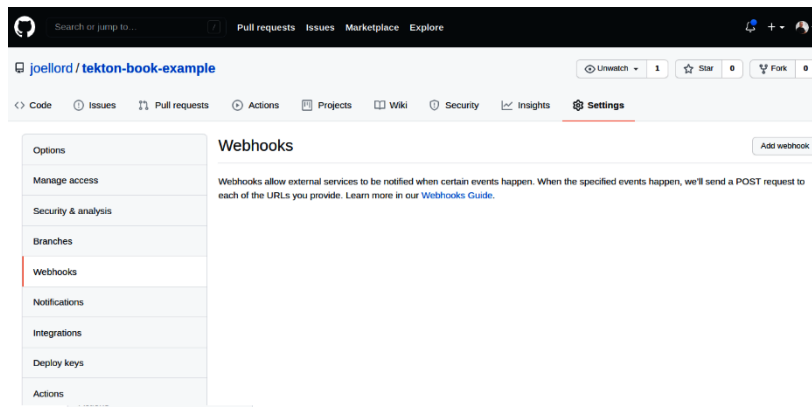
Ask a question



Chapter 11: Triggering Tekton



```
{"eventListener":"listener","namespace":"default","errorMessage":"Invalid event body format format: unexpected end of JSON input"}
```



Webhooks / Add webhook

We'll send a POST request to the URL below with details of any subscribed events. You can also specify which data format you'd like to receive (JSON, x-www-form-urlencoded, etc). More information can be found in [our developer documentation](#).

Payload URL *

Content type

Secret

Which events would you like to trigger this webhook?

Just the push event.

Send me **everything**.

Let me select individual events.

Active
We will deliver event details when this hook is triggered.

Chapter 12: Preparing for a New Pipeline

No Images

Chapter 13: Building a Deployment Pipeline

