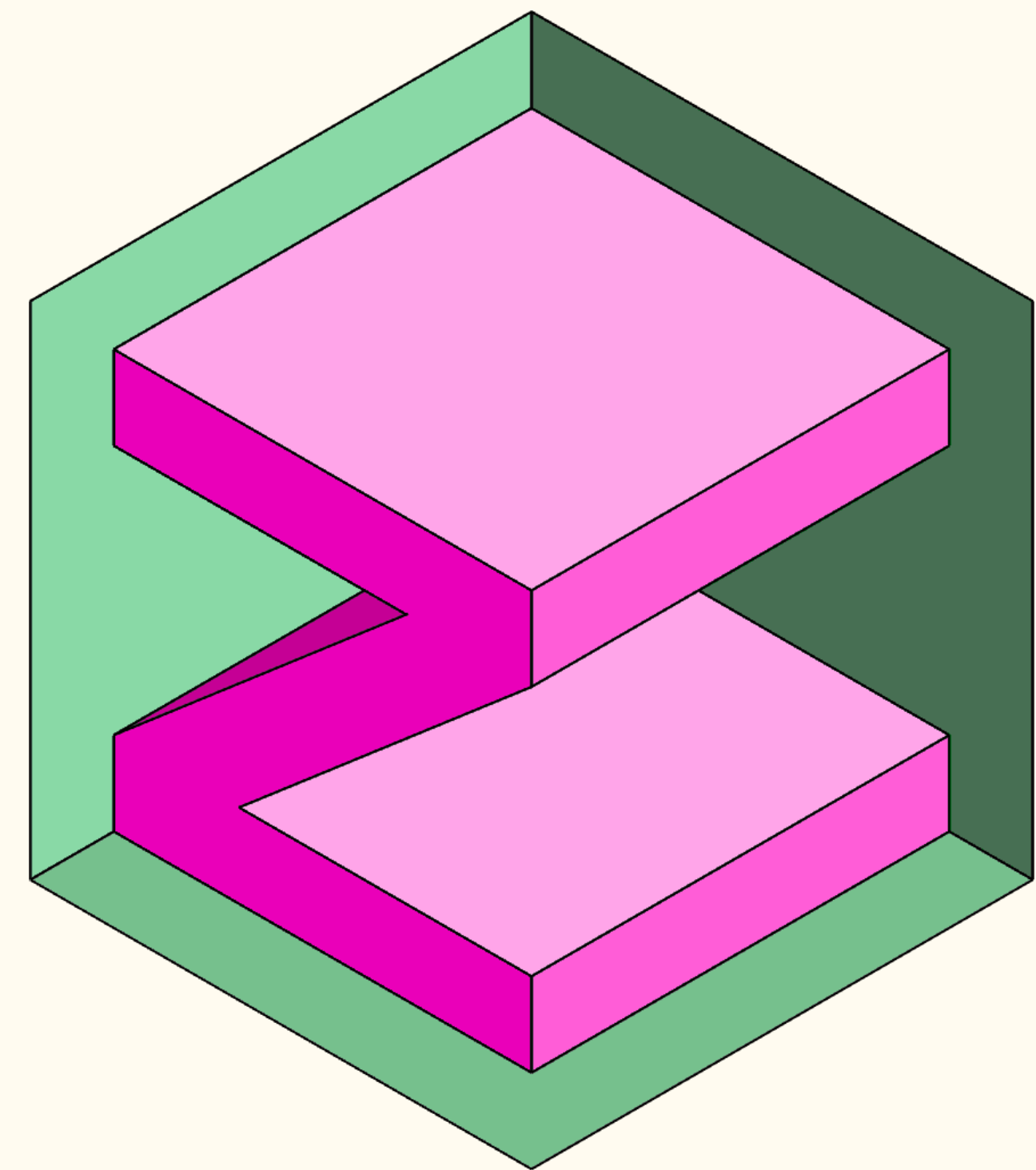


Introducing Lucity

Why I built the deployment platform
nobody else would.





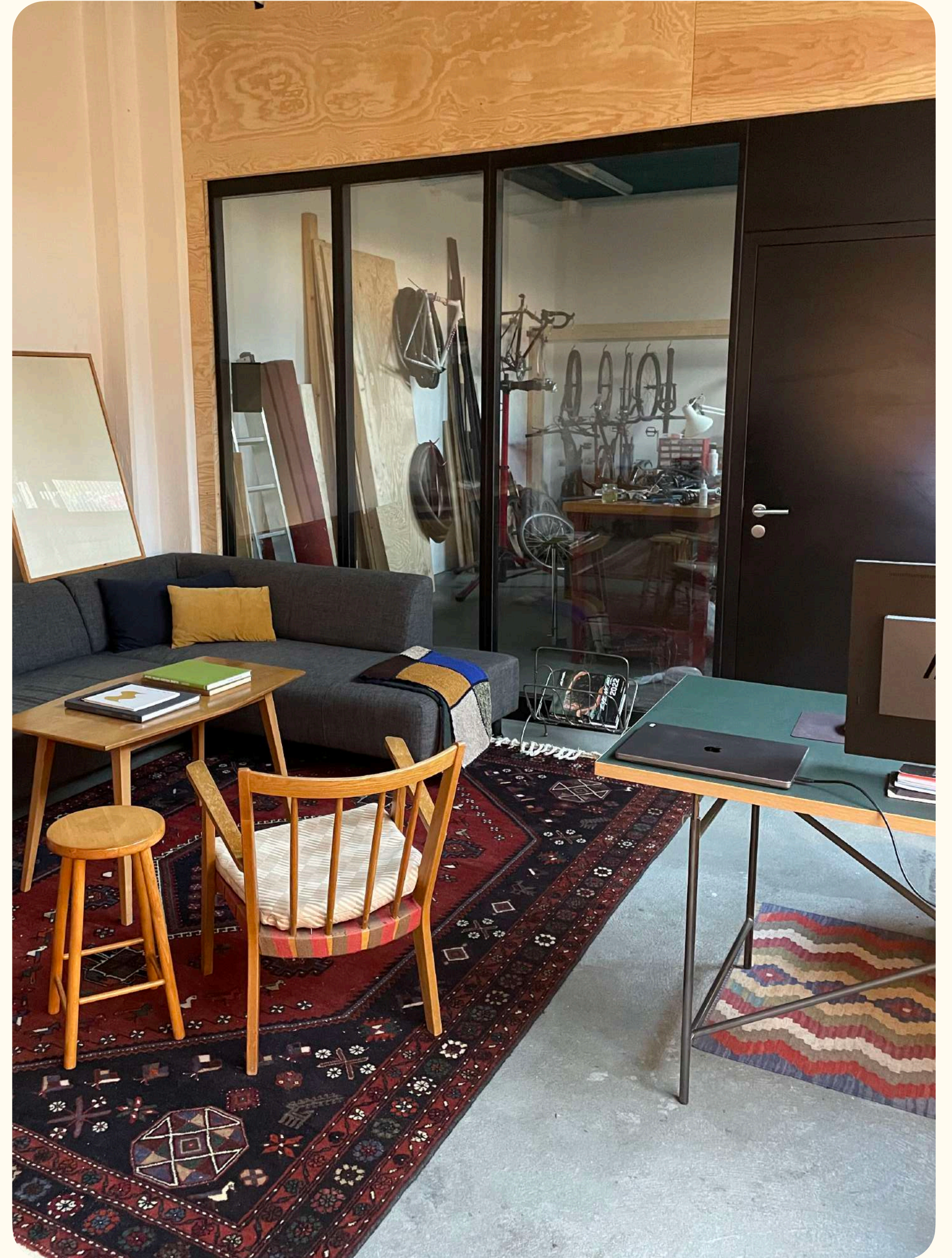
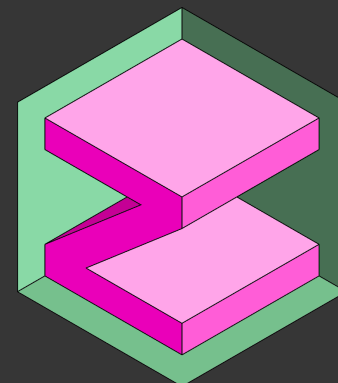
About me

Christian Blättler

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3007 Bern

<https://zeitlos.software>

zeitlos





A screenshot of a macOS-style window titled "AWS - iterate GmbH". The window displays a list of storage connections:

- Backblaze B2**
api.backblaze.com
<https://ad96b6ea5ed0@api.backblaze.com>
- AWS - iterate GmbH** (highlighted)
s3.amazonaws.com
<https://AKIAJ5AERZXY4GU3I3A@s3.amazonaws.com>
- Oracle Storage Cloud Service**
cyduck.storage.oraclecloud.com
<https://Storage-cyduck:dkocher@cyberduck.io@cyduck.storage.oraclecloud.com>
- Google Drive**
www.googleapis.com
<https://dkocher@sudo.ch@www.googleapis.com>





vercel.com/christians-projects-d750758f/loopcycles

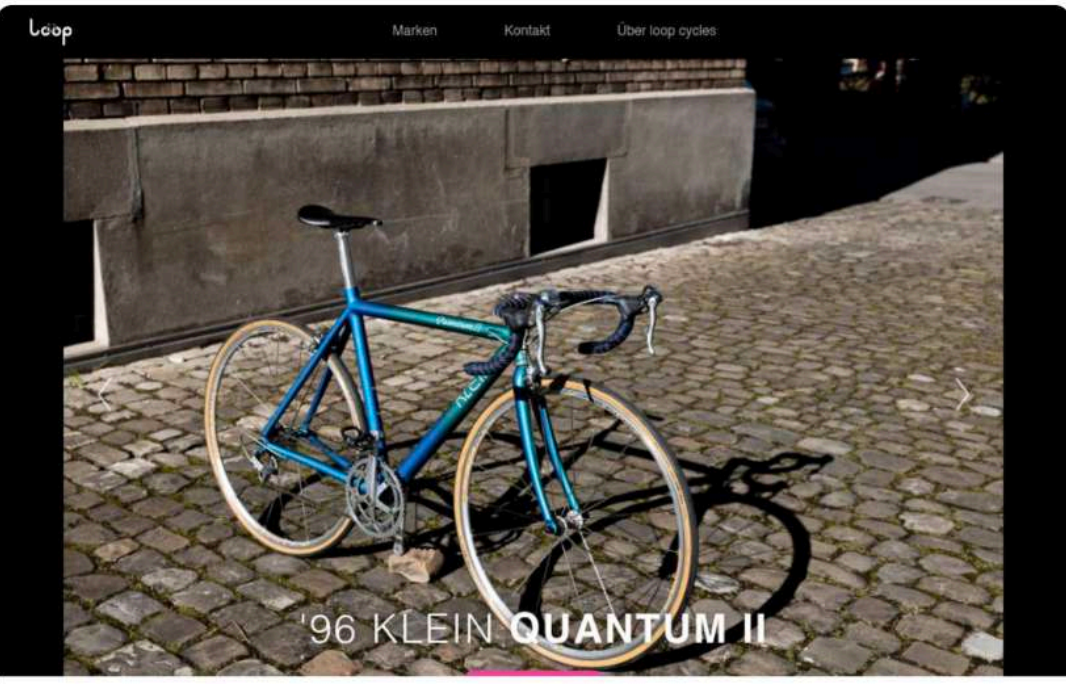
Christian's proj... Hobby

loopcycles Overview

Find... F

- Overview
- Deployments
- Logs
- Analytics
- Speed Insights
- Observability
- Firewall
- CDN
- Environment Variables
- Domains
- Integrations
- Storage
- Flags
- Agent

Production Deployment Repository Instant Rollback Visit



Deployment
loopcycles-9gjbxsj0s-cblaettl.vercel.app

Domains +
loopcycles.vercel.app

Status Created
Ready 3/12/22 by cblaettl

Source
master
3cefebd improvements

> Deployment Settings 6 Recommendations

To update your Production Deployment, push to the master branch. Deployments

Firewall 24h >
Active · All systems normal

Observability 6h >
Edge Requests

Analytics >



kubernetes



Orchid / Platform / Pipeline UI Kit Status Administrator 🔔 ? ✂

Today's stats

compared to average of last 7 days

Builds today 15 📉 -29%	Branches built 3 📈 +6%	Repositories built 2 📈 +71%	Total build time 0h 59m 📈 +109%
---	---	--	--

Last 7 days 📈 +65% Show last week

[builds](#) • [build failure %](#) • [builds last week](#)

Jenkins

[New Jenkins](#) →
Deploy a new Jenkins pod to your cluster.

[Jenkinsfile Generator](#) →
Assemble an example Jenkinsfile with the configuration already prefilled.

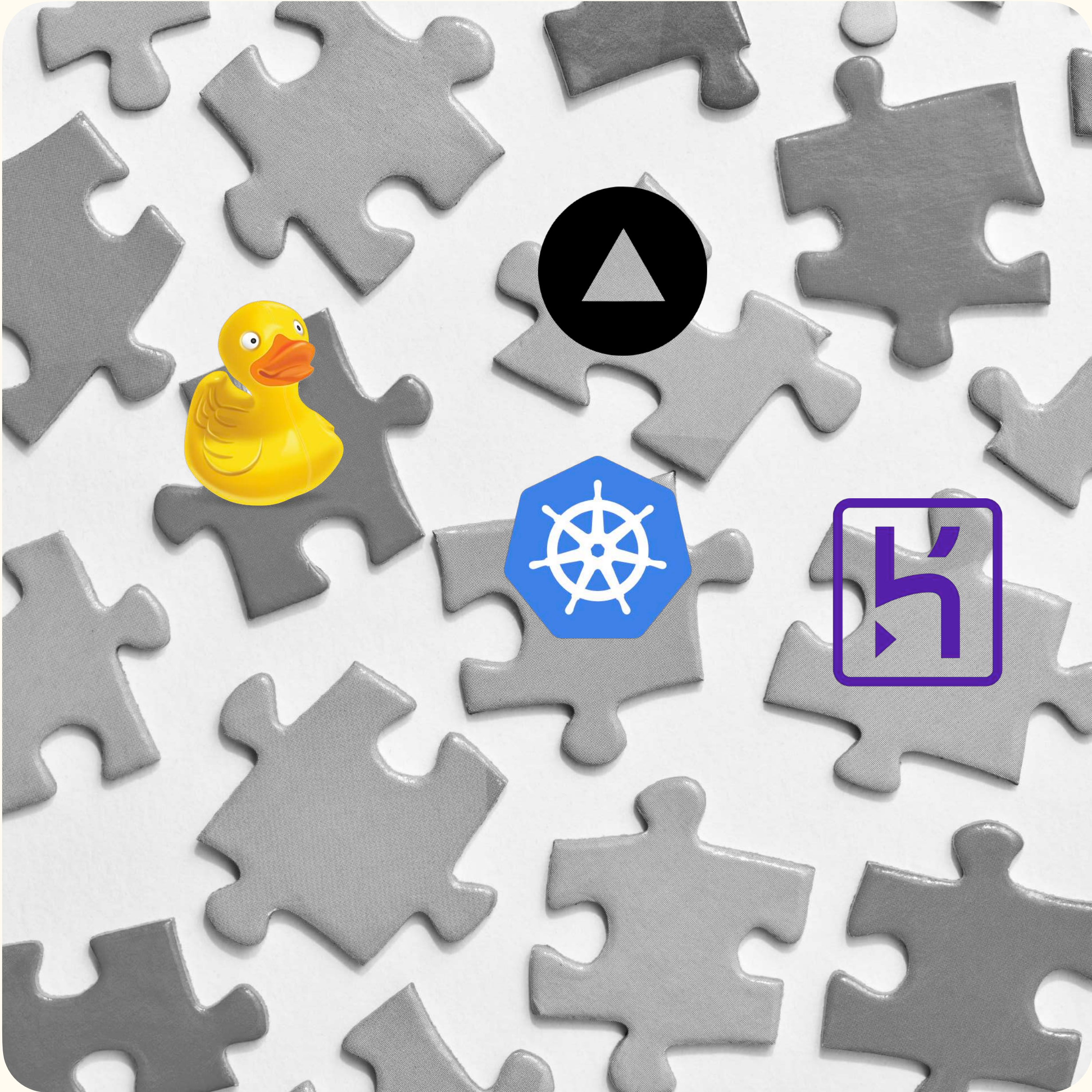
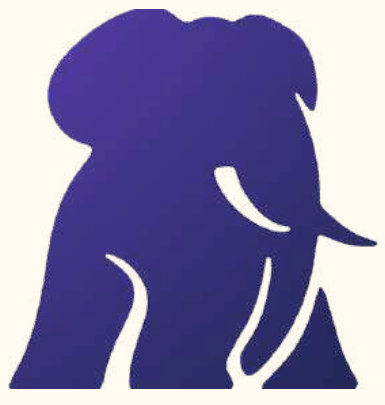
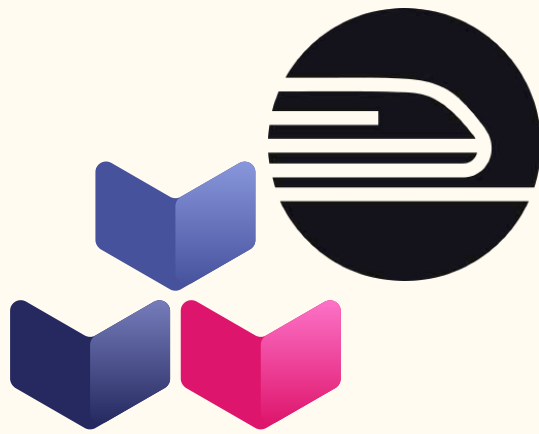
Instances

[jenkins](#) namespace: default version: 2.277.4 Credentials ▾

Octopus

[Open Octopus](#) →
After building your application in Jenkins you can easily deploy it with Octopus Deploy to your cluster.

[API Key](#) →
Use the Octopus API to integrate it into your pipeline.



git push



1. Code

webhook



2. Build

publish



3. Registry

reference



6. Run



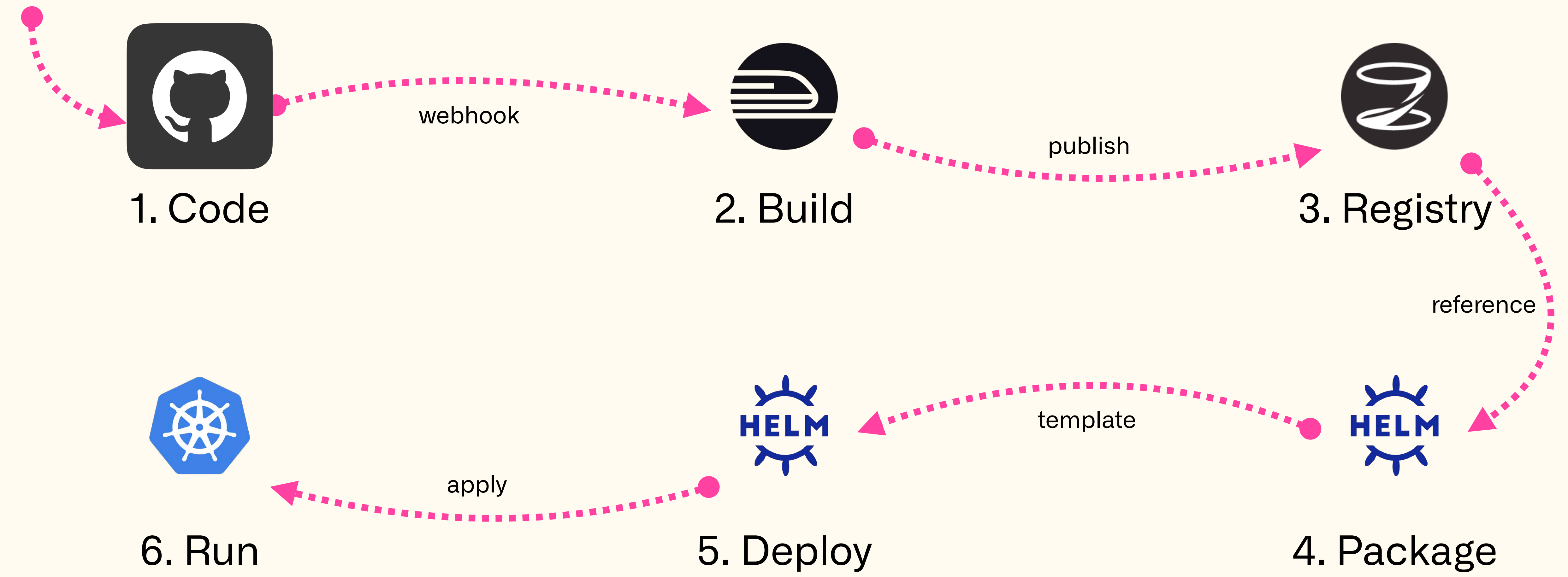
5. Deploy

template



4. Package

apply



lucity-system



OCI Registry



Identity Provider



CloudNative PG



Control Plane

lucity-builds



BuildKit Worker



build-eeff65...

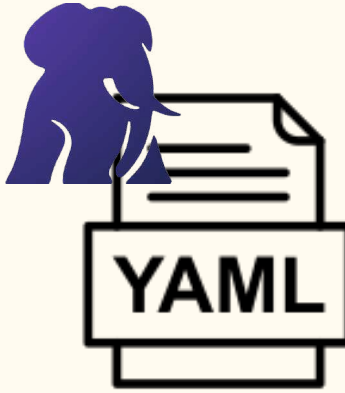
acme-myApp-dev



backend



frontend



db

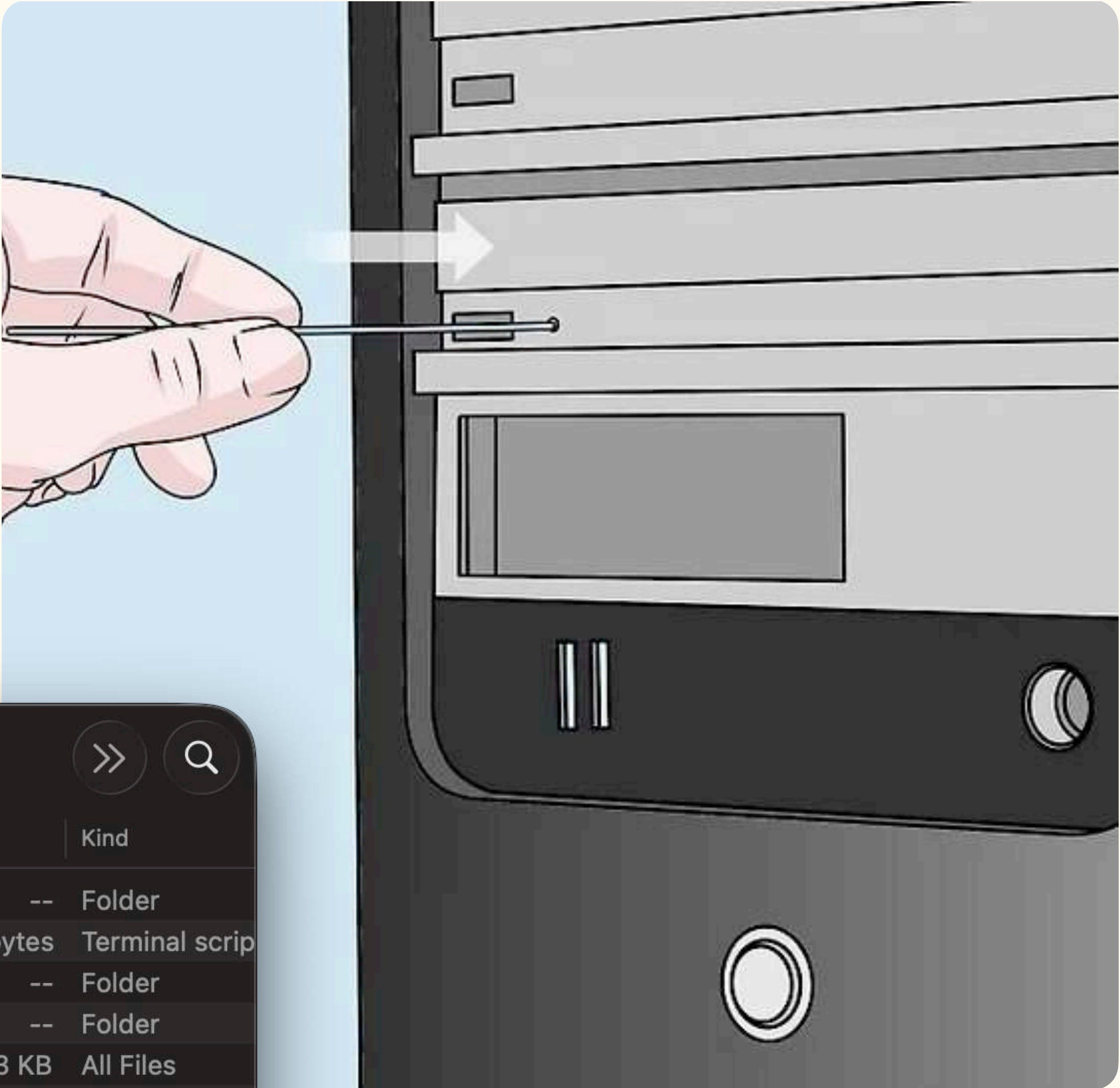


worker



Kubernetes

Ejectability



my-app-ejected

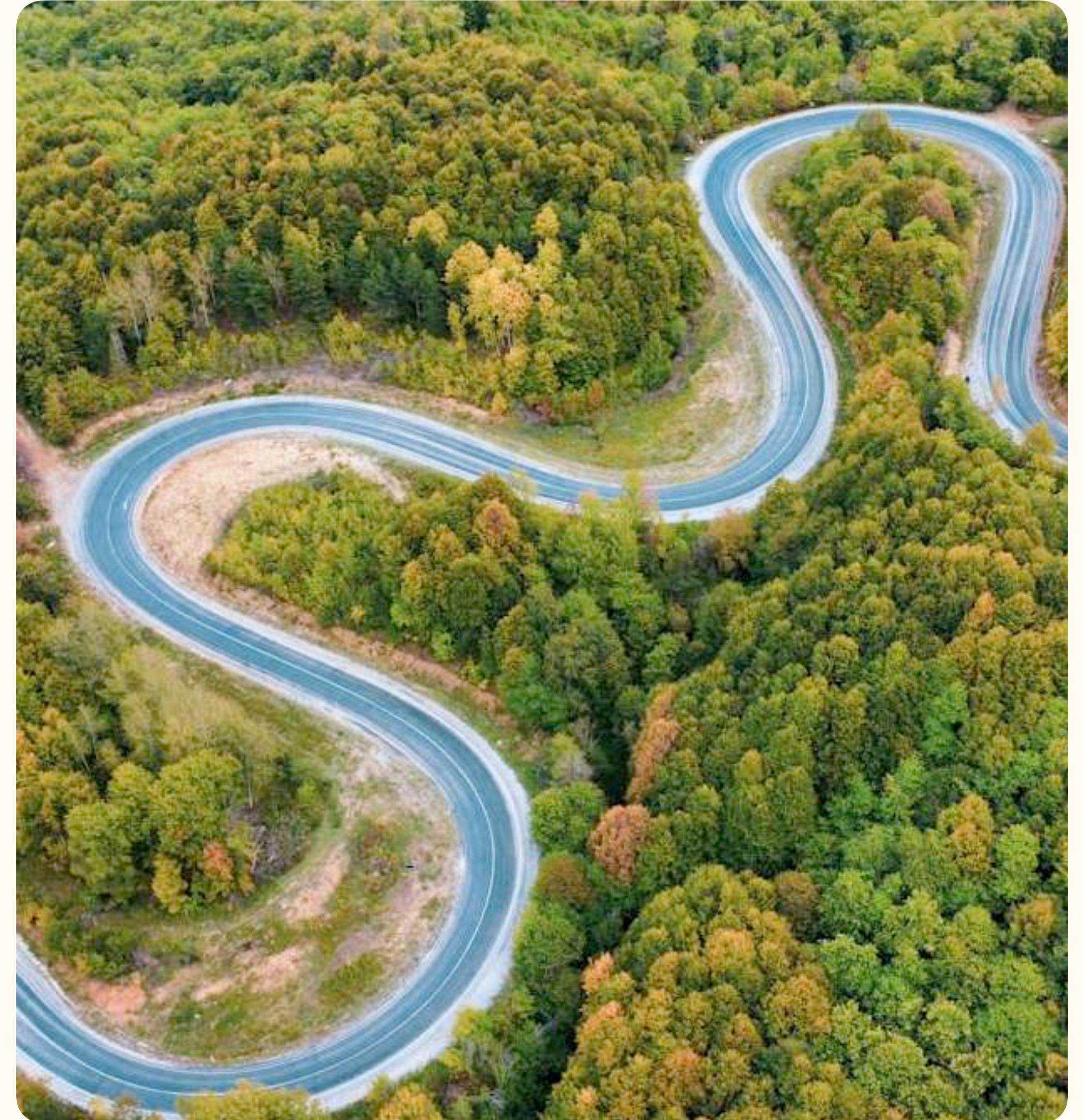
Name	Date Modified	Size	Kind
> base	Today at 20:54	--	Folder
build.sh	30 Nov 1979 at 00:00	640 bytes	Terminal scrip
> chart	Today at 20:54	--	Folder
> environments	Today at 20:54	--	Folder
README.md	30 Nov 1979 at 00:00	3 KB	All Files

Live-Demo of Lucity

What could possibly go wrong...

Roadmap

- Object Storage (S3)
- Workload Vulnerability Scanning
- Key-Value Store (Redis)
- Encrypted Secret Support
- Arbitrary Dockerfile Support
- More Git Providers

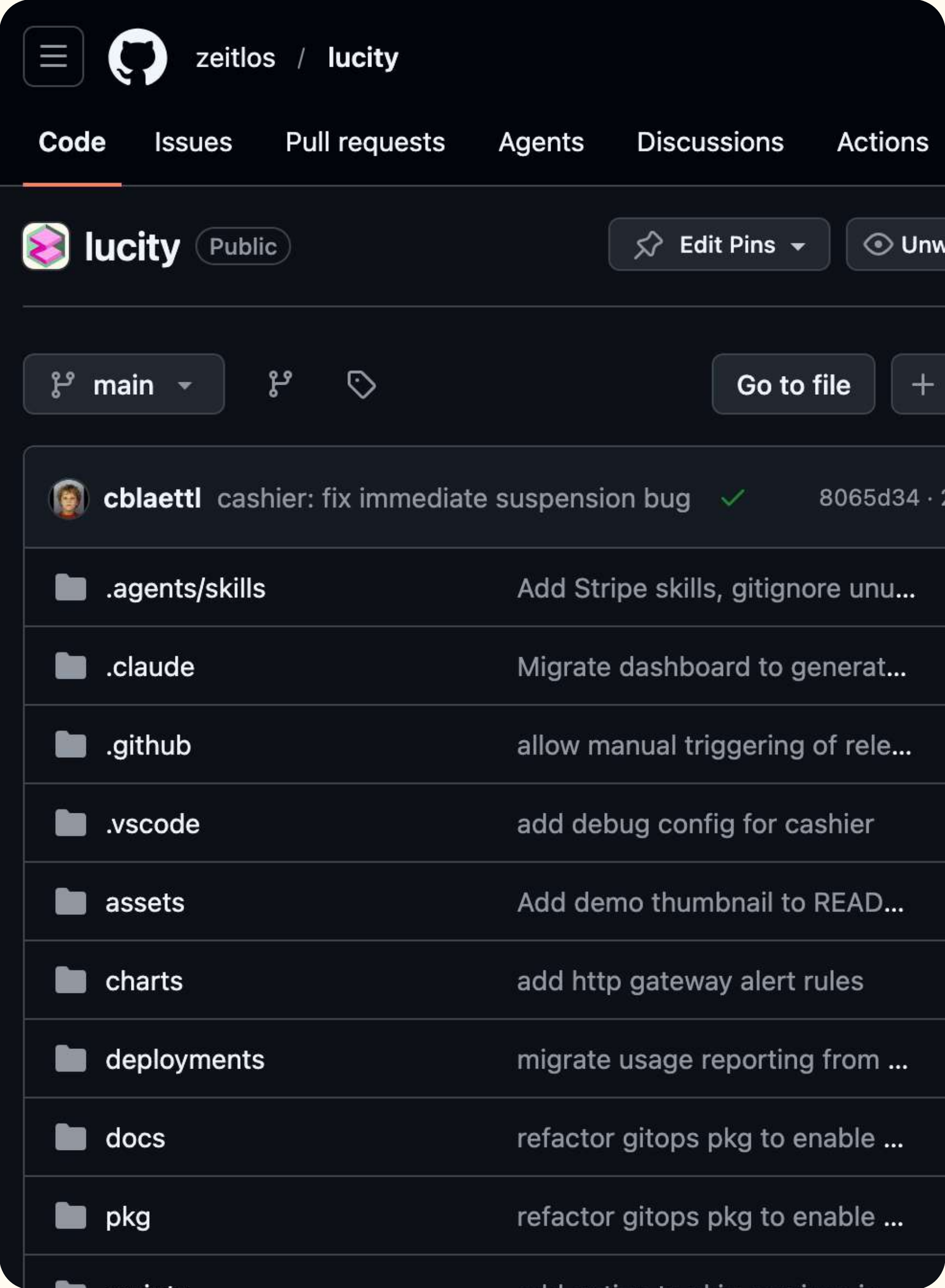




Thank you!

Find it on GitHub
github.com/zeitlos/lucity

Christian Blättler, 19.05.26



Extra Slides

flex.plane

Virtualization platform for containers & VMs (hybrid & on-prem)

The screenshot shows the flex.plane web interface. At the top left is the flex.plane logo and a user profile 'JL'. A sidebar on the left contains navigation items: Dashboard, Clusters, Nodes, Virtual Machines (highlighted), Networks, Load Balancers, Kubernetes, and Settings. The main content area is titled 'Virtual Machines' and features a 'Create VM' button. Below this is a table with the following data:

Machine	Resources	Networks	Uptime	Status	Actions
flexkube-test-001-system-0 fixp-sandbox-pve-01	2 CPUs 4 GiB	netf2bf7 10.0.0.10	an hour	● running	[Stop] [Refresh]
flexkube-test-001-system-1 fixp-sandbox-pve-01	2 CPUs 4 GiB	netf2bf7 10.0.0.11	an hour	● running	[Stop] [Refresh]
ubuntu10 fixp-sandbox-pve-02	1 CPUs 1 GiB	staging 10.10.10.10	an hour	● running	[Stop] [Refresh]

Below the table, it says 'Displaying 3 out of 3 results'. To the right of the table is a 'About VMs' box with the text: 'Virtual Machines are flexible, virtualized servers that can be created within seconds and run application workloads. Snapshots allow you to restore the VM to a desired state in the past while backups ensure that you don't lose any critical data.'

