



Coder 2.0 Keeps Developers in Flow

WEBINAR | SEPT. 27



Coder

Keep Developers In Flow

FROM THE DEVELOPERS OF CODE-SERVER





I'M CLOUD NATIVE



DEV TOO, RIGHT?



imgflip.com



DEV TOO, RIGHT?



OLFConference 2023
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Coder info

Enterprise software provider in the developer tools segment

Austin, Texas USA

Tier 1 investors like Redpoint, GGV, Uncork, IQT, Founders Fund

Advisor: HashiCorp co-founder Mitchell Hashimoto

\$48m raised to date

Creators of code-server (60k+ GitHub stars)

Founded in 2017, generally available software since Q2 2020

What is Coder?

Coder is self-hosted software that moves development environments to your Kubernetes or VM infrastructure and centralizes their management and security.

Coder Differentiators

1. Runs on-premises, air-gapped & public cloud
2. Links with > 1 IDE, Git, Compute provider
3. Workspaces as VM, Kubernetes, Docker

How does Coder work?

Open any browser

Choose a workspace image

Open a local or web IDE

Start coding

Coder aims to solve...

Time lost to setup/maintenance

Audits, patch levels, tooling

Costly local compute

Code and data on unsecured devices

“It works on my machine”

Who trusts Coder?

**Goldman
Sachs**



NETFLIX

Morgan Stanley



credit karma®



GAP

globalpayments

Vanguard®



CENTENE®
Corporation



PROGRESSIVE®



**NORTHROP
GRUMMAN**



Canva

CGI



Coder benefits

Day 1 onboarding

Reduce device management overhead

Secure data storage

Supported Platform Engineering solution

Governance and auditing

Developer access to powerful instances

Coder release pattern

Current version 2.1.5

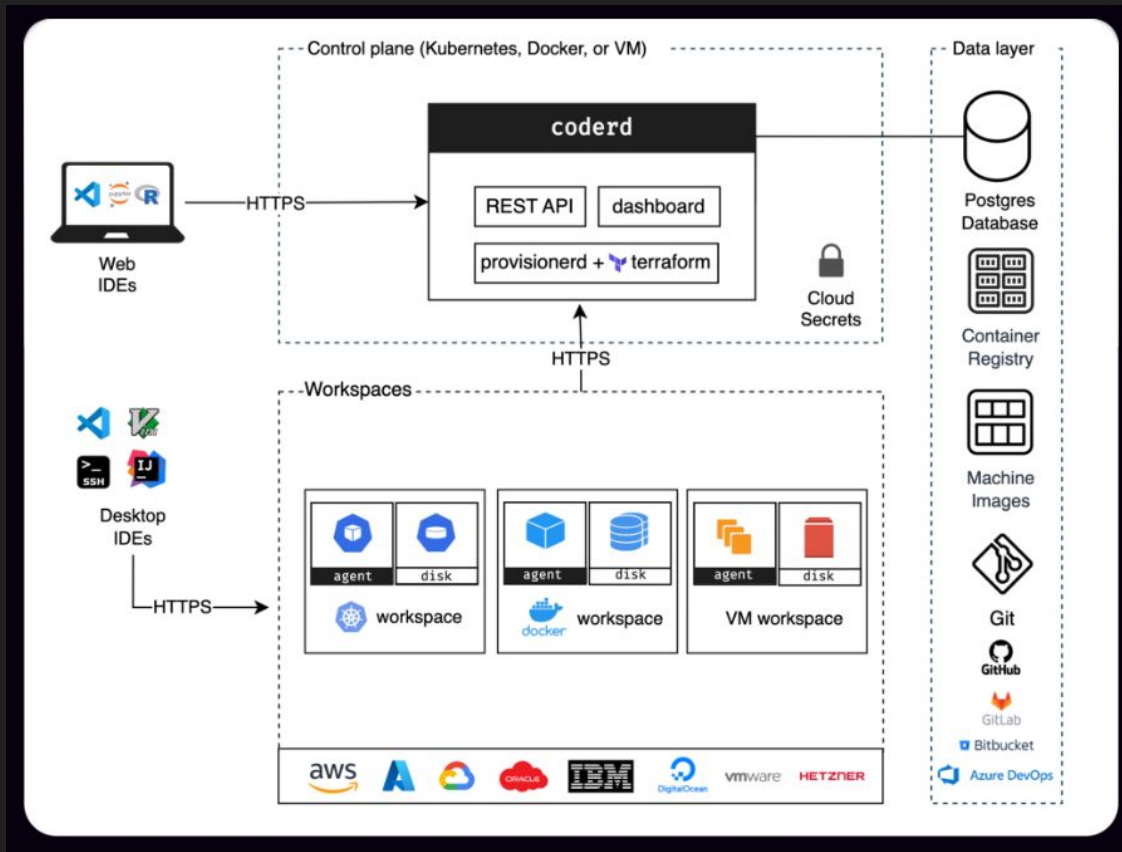
Major version just released, official launch promotion this month

Y stream features monthly

Z stream features weekly

Z stream patches as needed, backports case-by-case

Coder architecture



Coder transport security

Wireguard

- Local clients (VSCode Desktop, Coder CLI)

- STUN and coordinator establish p2p connection

- Reduces latency and reduces load on control plane

DERP with Websockets fall back

- In-browser clients (IDEs, VNC, web terminal)

- Fallback for local clients as well

- All communication through control plane

- TLS on webUI & Coder CLI

Coder quick start

```
curl -fsSL https://coder.com/install.sh | sh
```

Demos

webUI/CLI

Starter templates

Custom templates

Networking

Coder enterprise features

Category	Feature	Open Source	Enterprise
User Management	Groups	✗	✓
User Management	Group & role sync	✗	✓
User Management	SCIM	✗	✓
Governance	Audit Logging	✗	✓
Governance	Browser Only Connections	✗	✓
Governance	Template Access Control	✗	✓
Cost Control	Quotas	✗	✓
Cost Control	Max Workspace Autostop	✗	✓
Deployment	High Availability	✗	✓
Deployment	Multiple Git Providers	✗	✓
Deployment	Appearance	✗	✓
Deployment	Isolated Terraform Runners	✗	✓
Deployment	Workspace Proxies	✗	✓

Q&A

github.com/timquinlan/olf2023

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