

YAML-less, Config-less, Boilerplate-less, Serverless Enterprise Java #slideless

Or What Exactly Is To Be Done



airhacks.industries

**"It's not work if you like it"
...so I never worked. #java**



#185 A Cloud Migration Story: From J2EE to Serverless Java

[episode link] Listen on Apple Podcasts

LISTEN ON Spotify

Listen on Google Podcasts

[RSS]

An [airhacks.fm](#)

[ZX Spectru](#)

CPC 64, De

in 1993, usi

[Lambda, Cl](#)

clouds their

services, no

quarkus in

the cloud h

#219 Java, CraC and Reducing Cold Start Duration with AWS Lambda SnapStart

[episode link] Listen on Apple Podcasts

LISTEN ON Spotify

Listen on Google Podcasts

[RSS]

#232 Kubernetes Was Never Supposed To Leak

[episode link] Listen on

Apple Podcasts

LISTEN ON Spotify

Listen on Google Podcasts

[RSS]

An [airhacks.fm](#) conversation with Kelsey Hightower ([@kelseyhightower](#)) about:

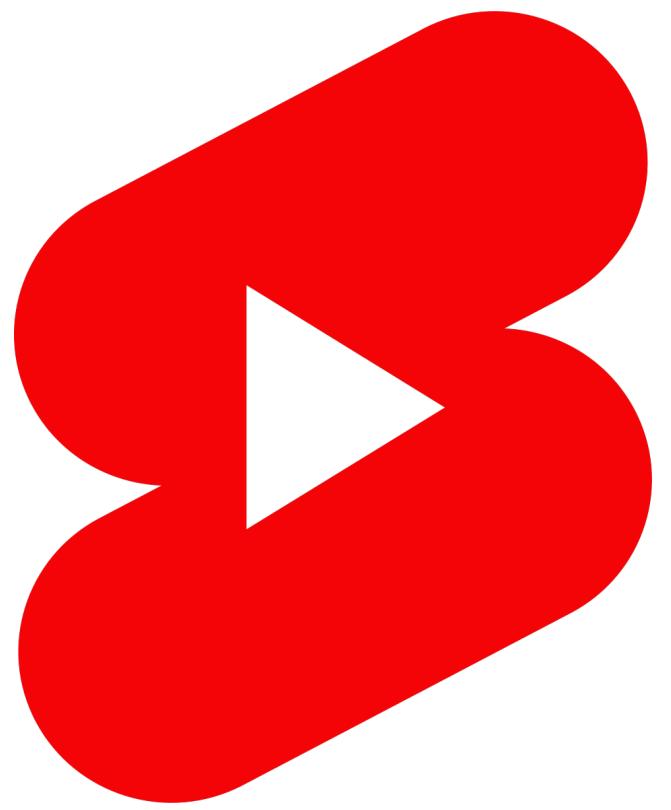
[airhacks.live](#)

HP laptop and playing [Age of Empires](#), programming calculators with [TI-BASIC](#), playing [Metroid](#) on NES, working at Google datacenter as contractor, bash is a pro

airhacks.TV

with the time machine, “100 episodes ago segment”

...any questions left?



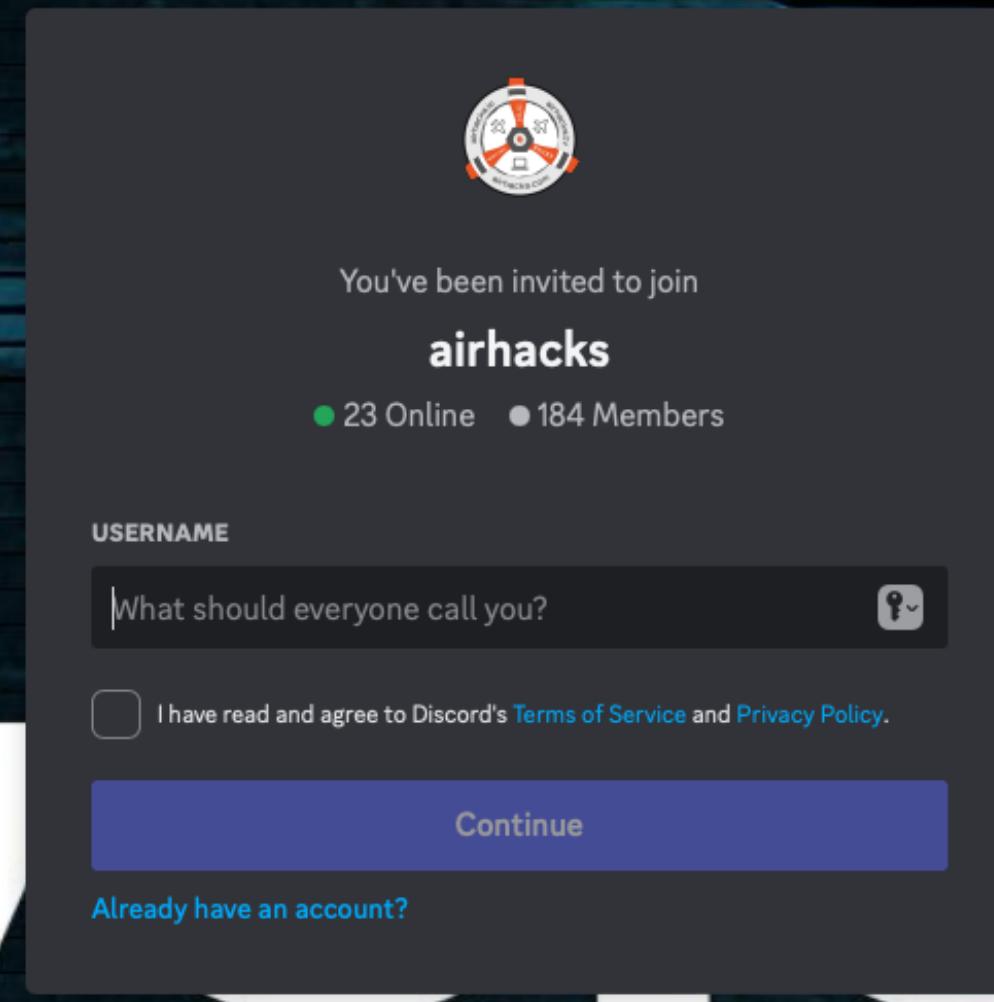
[youtube.com/
@bienadam/shorts](https://youtube.com/@bienadam/shorts)



youtube.com/bienadam/shorts

welcome to airhacks

airhacks.live



NEW <https://discord.gg/airhacks>

airhacks.live

NEW online, live virtual workshops

Continuous coding, explaining, interacting and sharing with Adam Bien

Live, Virtual Online Workshops, Summer 2024:

Persistence Patterns for Serverless Java on AWS, July, 11th, 2024

Serverless Generative AI with Java on AWS, July, 25th, 2024

Tickets are also available from: airhacks.eventbrite.com and meetup.com/airhacks

by Adam Bien

You don't like live, interactive virtual workshops? Checkout video courses: airhacks.io

airhacks.live

...I started with DevOps in 1995

then continued with serverless computing in 2001 ...

clouds?



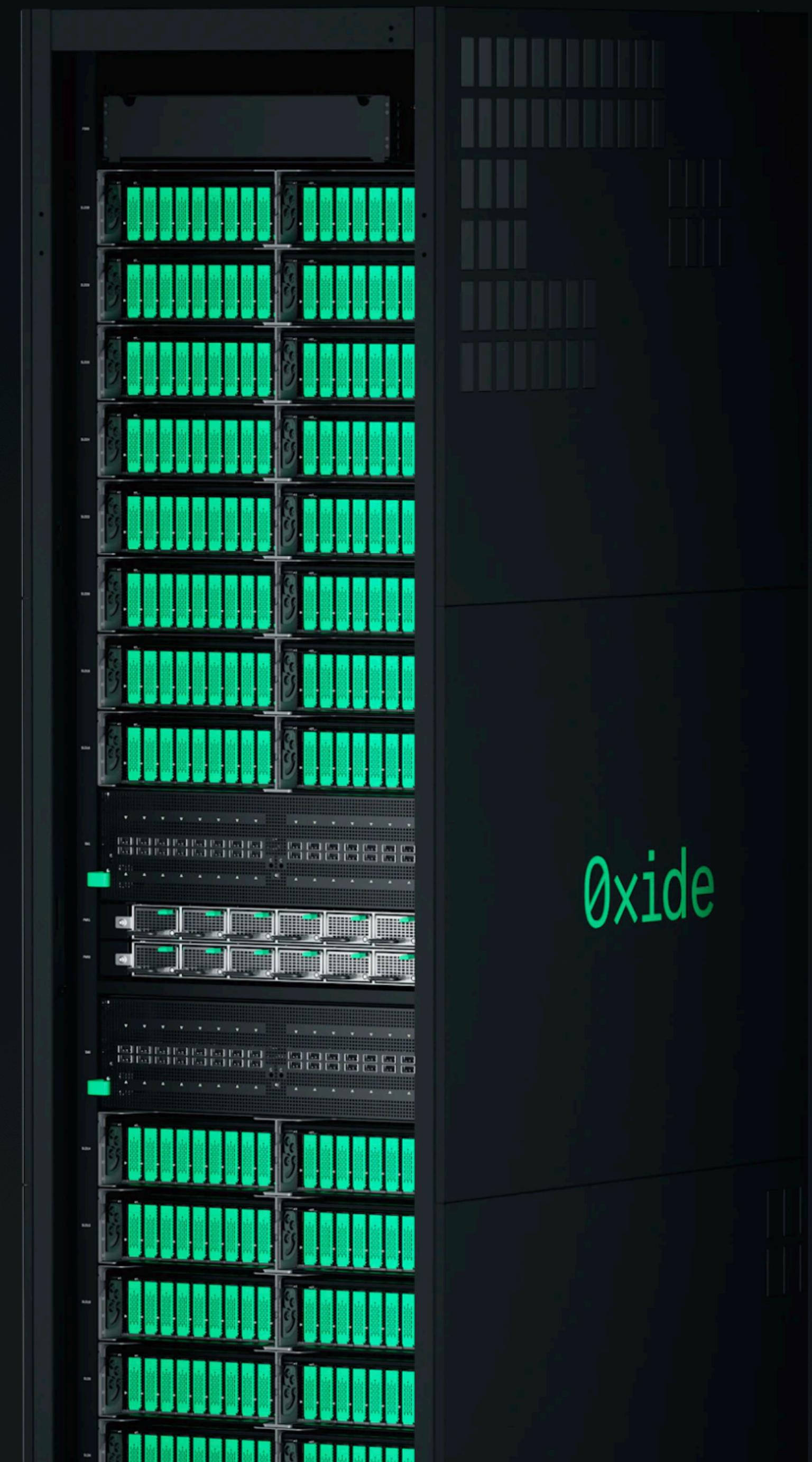
Sun Starfire 10000

Oxide Cloud Computer

No Cables. No Assembly.
Just Cloud.

CONTACT SALES

GET OUR NEWSLETTER



Oxide

Java && Clouds?

	Total		
	Energy	Time	Mb
(c) C	1.00	(c) C	1.00
(c) Rust	1.03	(c) Rust	1.04
(c) C++	1.34	(c) C++	1.56
(c) Ada	1.70	(c) Ada	1.85
(v) Java	1.98	(v) Java	1.89
(c) Pascal	2.14	(c) Chapel	2.14
(c) Chapel	2.18	(c) Go	2.83
(v) Lisp	2.27	(c) Pascal	3.02
(c) Ocaml	2.40	(c) Ocaml	3.09
(c) Fortran	2.52	(v) C#	3.14
(c) Swift	2.79	(v) Lisp	3.40
(c) Haskell	3.10	(c) Haskell	3.55
(v) C#	3.14	(c) Swift	4.20
(c) Go	3.23	(c) Fortran	4.20
(i) Dart	3.83	(v) F#	6.30
(v) F#	4.13	(i) JavaScript	6.52
(i) JavaScript	4.45	(i) Dart	6.67
(v) Racket	7.91	(v) Racket	11.27
(i) TypeScript	21.50	(i) Hack	26.99
(i) Hack	24.02	(i) PHP	27.64
(i) PHP	29.30	(v) Erlang	36.71
(v) Erlang	42.23	(i) Jruby	43.44
(i) Lua	45.98	(i) TypeScript	46.20
(i) Jruby	46.54	(i) Ruby	59.34
(i) Ruby	69.91	(i) Perl	65.79
(i) Python	75.88	(i) Python	71.90
(i) Perl	79.58	(i) Lua	82.91

GraalVM™
reduces RAM footprint

<https://sites.google.com/view/energy-efficiency-languages/results?authuser=0>

motivation / facts

Configure AWS Lambda [Info](#)



Architecture

Arm



Number of requests

2

Unit

per second



Duration of each request (in ms)

Duration is calculated from the time your code begins executing until it returns or otherwise terminates.

100

Amount of memory allocated

Enter the amount between 128 MB and 10 GB

Value

2

Unit

GB



Amount of ephemeral storage allocated

Enter the amount between 512 MB and 10,240 MB. The first 512 MB are at no additional charge, you only pay for any additional storage that you configure for the function.

Value

512

Unit

MB



► Show calculations

Provisioned Concurrency [Info](#)

Total Upfront cost: 0.00 USD

Total Monthly cost: 15.07 USD

Show Details ▾

Save and view summary

Save and add service

..show me the code

airhacks.live

NEW online, live virtual workshops

Continuous coding, explaining, interacting and sharing with Adam Bien

Live, Virtual Online Workshops, Summer 2024:

Persistence Patterns for Serverless Java on AWS, July, 11th, 2024

Serverless Generative AI with Java on AWS, July, 25th, 2024

Tickets are also available from: airhacks.eventbrite.com and meetup.com/airhacks

by Adam Bien

You don't like live, interactive virtual workshops? Checkout video courses: airhacks.io

airhacks.live



Thank YOU!



airhacks.industries