

If devs and ops had a baby it would
be called winglang



Elad Ben-Israel



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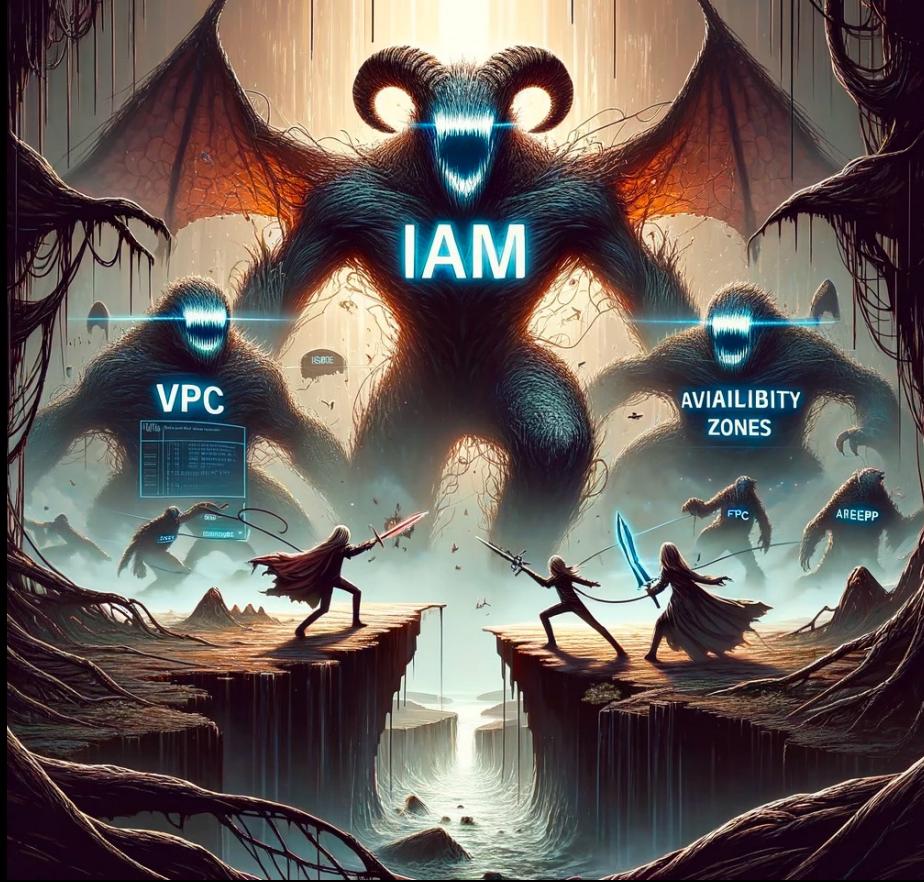
CEO, Wing Cloud

@emeshbi





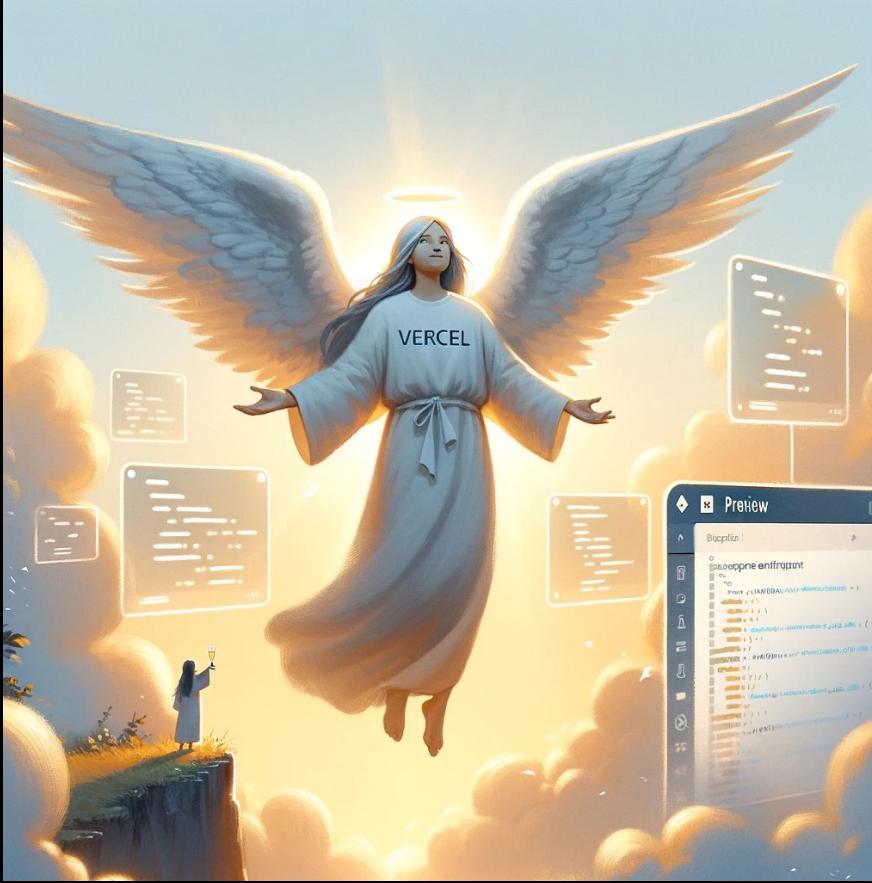
The cloud is a jungle



AWS Heros



Containerized Developers



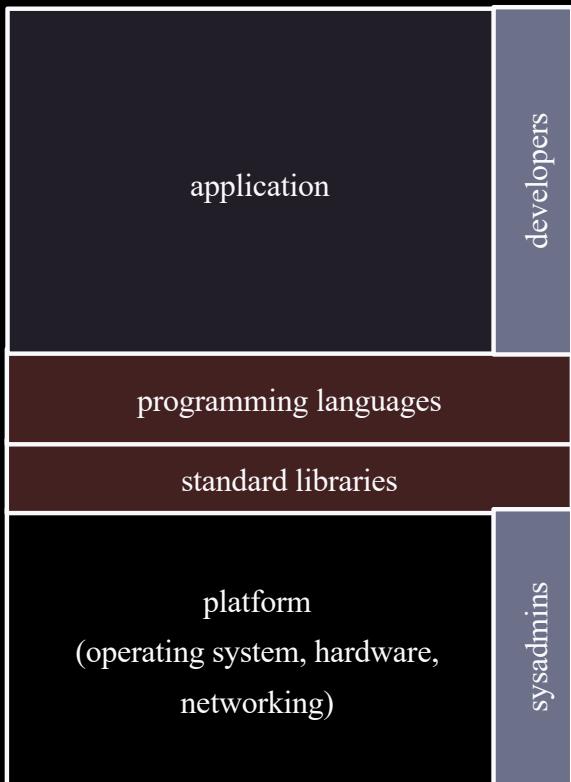
The Vercel Cliffs





Can we turn the jungle to a park?



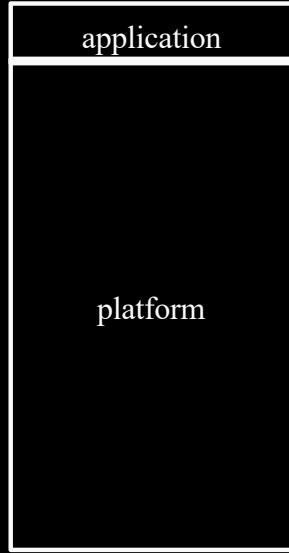


The pc jungle became a park through... Abstractions!

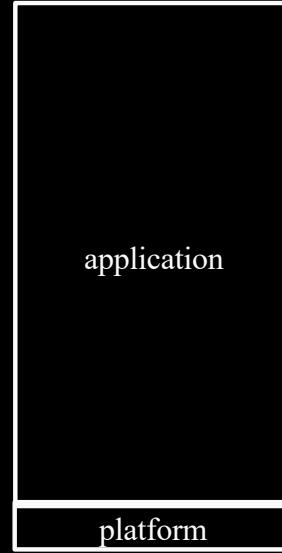


All non-trivial abstractions, to some degree, are leaky.

Joel Spolsky

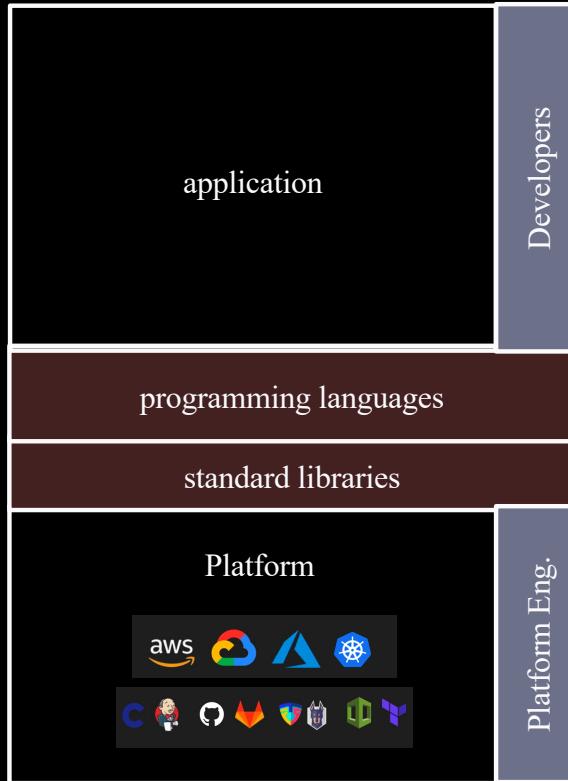


k8s



serverless

winglang →



- First release Dec 2022
- v0.57.0
- Built with ❤️
- Strongly-typed
- Object-oriented
- Garbage collected
- Familiar syntax
- "Batteries-included" toolchain
- JavaScript/npm interop
- MIT license (Language + SDK)
- Wing Console is commercial

Do we really need a new
programming language? No!



- object oriented



- async/await



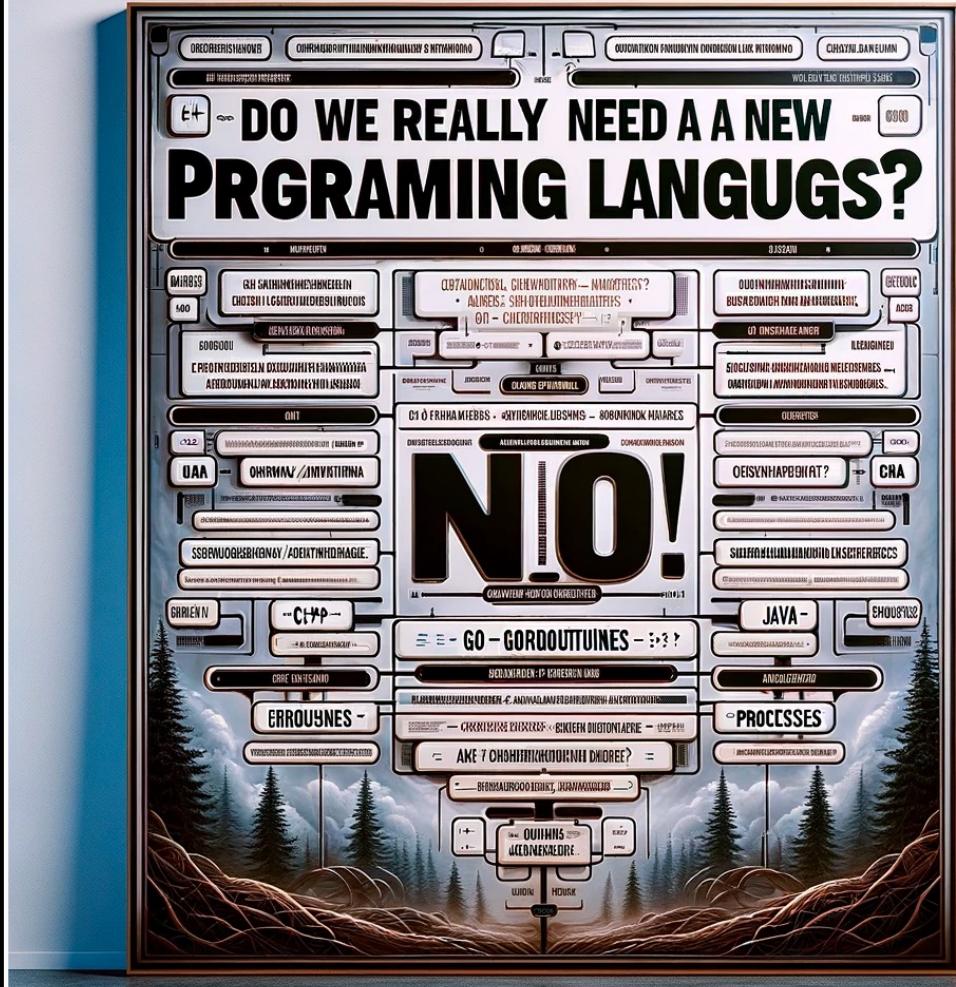
- goroutines



- threading



- processes



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- goroutines



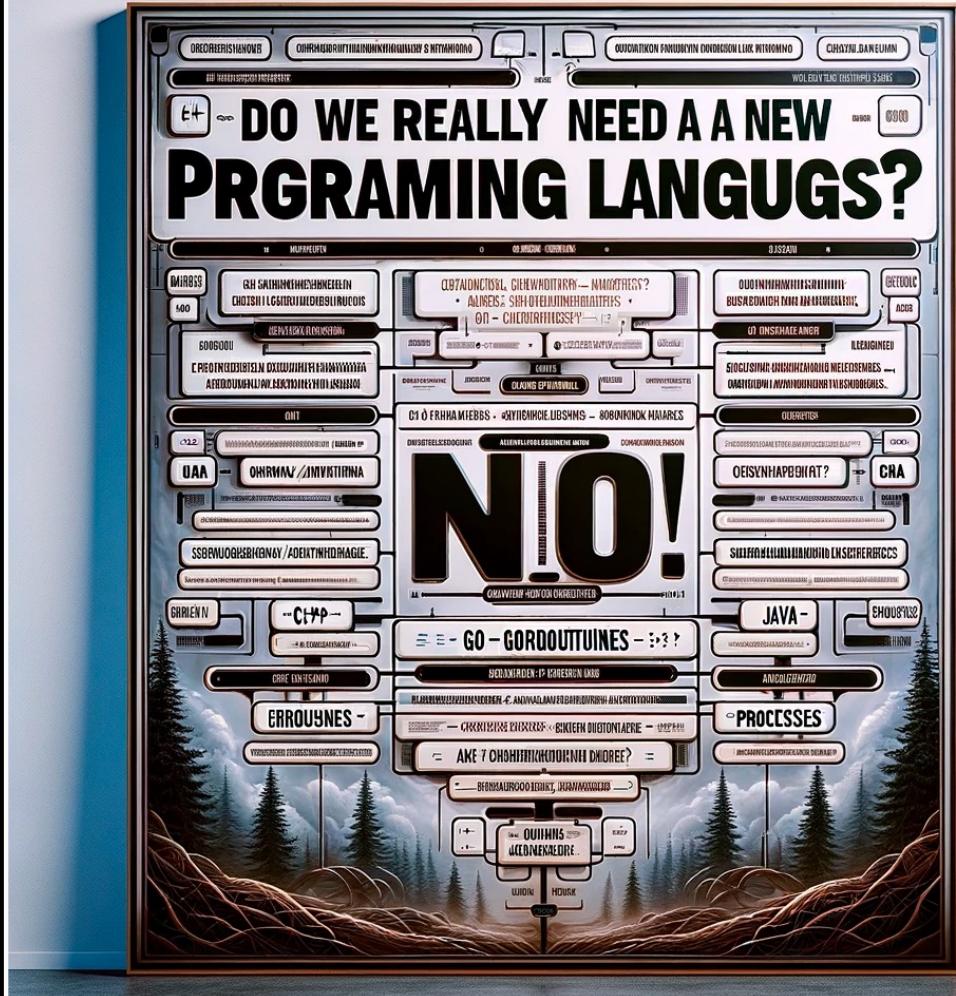
- threading



- processes



- preflight/inflight



code

time



preflight + inflight
infra+code

space + time

bring cloud;

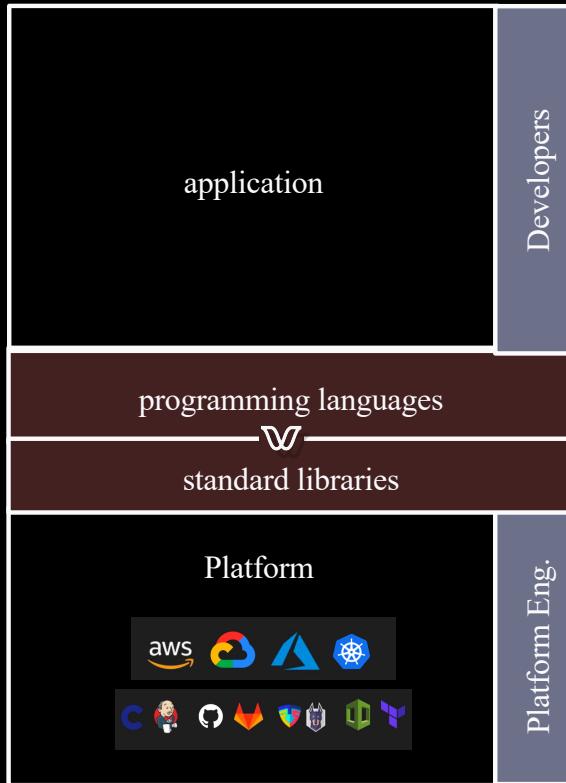
Sharp Edges

- Maturity → Get to 1.0
- Platform extensions too low level → Infra CSS?
- Accidental complexity → Cost model
- Resource ID volatility → Compile-time snapshots
- Help with adoption → TypeScript bindings



What did we talk about?

- Jungle → park: with abstractions
- Preflight: desired state configuration language
- Inflight: runtime (javascript interop)
- Lifting: values and preflight objects (with permissions)
- User-defined classes: preflight + inflight api
- Platform extensions: devops kingdom
- Sharp edges



Thank you!



winglang.io



winglang/wing



Join our community



Elad Ben-Israel

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