

Darklang

A language built for deployless backends



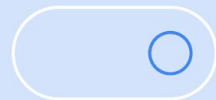
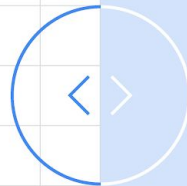
Julien Landuré

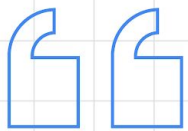
CTO Zenika

GDG Organizer - GDE Cloud



GDG Nantes
GDG Cloud Nantes
@jlandure
jlandure.dev





“Speed of developer iteration is the single most important factor in how quickly a technology company can move.”

Paul Biggar, 2019

How Dark deploys code in 50ms

The first and most important decision
was to make Dark “deployless”

Dark Access - 12/23

Boîte de réception x



Ellen Chisa <ellen@darklang.com>

ven. 20 déc. 2019 23:07



À beta, cci : moi ▾

Hello!

Thanks for your quick reply!

You'll be getting account credentials with your requested username to start building a Slackbot on Monday, 12/23.

Ellen

Ellen Chisa

Co-founder/CEO Dark || <https://darklang.com>

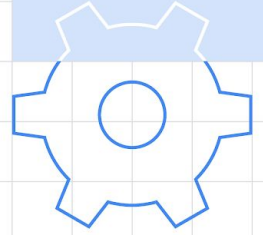
248-202-7698 || @ellenchisa



Beta Access

What's an app in these days?

What do we need as a developer?



DX

Editor
REPLs

Callable

API Endpoints & Webhooks
CORS

Store data

CRUD app using datastore

Static Files

Custom domain

Async Jobs

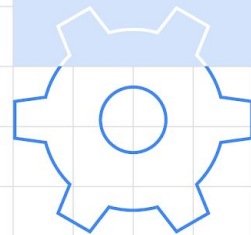
Workers

Scheduled Jobs

Planned workloads

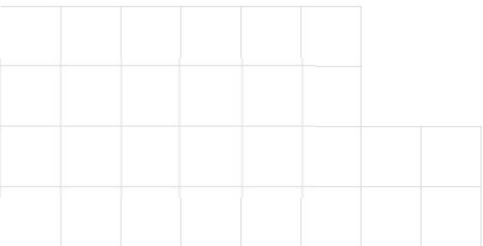
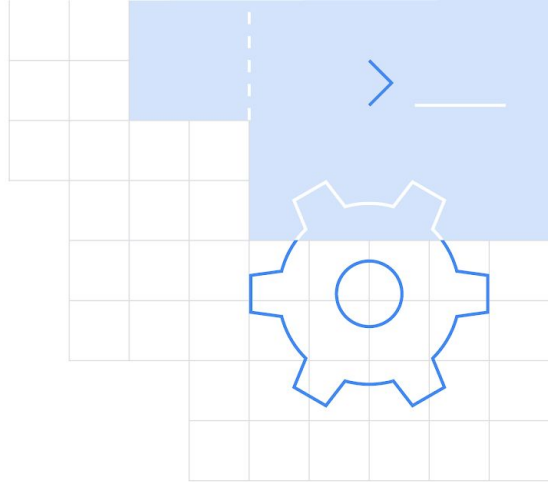


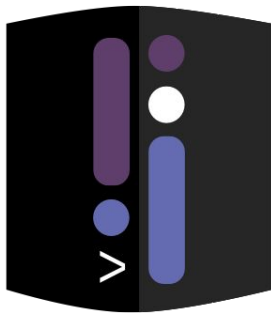
Demo Time



What happened?

Some explanations please!





OCaml based

ServerSide

A language built for deployless backends

New!

Live-reload

Concepts

Principle

Remove all accidental complexity
from coding

👉 Infrastructure complexity

👉 Deployment complexity

👉 API complexity

👉 Code-as-text complexity

Trace Driven Development

Make a request to the
non-existent handler

Functional Programming Language

Implicit Return

Deployless

Instant Infrastructure

Integrated Tooling

Live Values & Play Buttons

Usecase

Bots

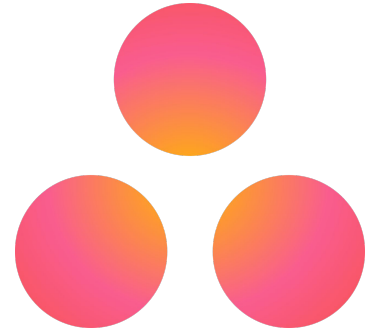
Receive webhooks live,

Call out to 3rd party APIs,

Store data,

And schedule jobs

...while building no infrastructure.



My opinion

Still in beta

Young

New paradigm “Deployless”

Remove complexity

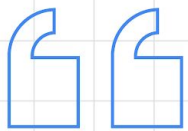
Fun to discover



imgflip.com

JANE-CLARK.TUMBLR

From OCaml to F#



“TL;DR: We’re taking a longer term approach to building Dark. As part of this, we’ve made the difficult decision to shrink Dark’s team, and to change how we build both the product and the company.”

Paul Biggar, 2020



Thank you!

darklang.com
github.com/darklang/dark



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