

Using Go at Lunar

LUNAR[®]



AGENDA AGENDA AGENDA AGENDA AGENDA

Who am I?

Who is Lunar?

Go what?

Use cases

LUNAR[®]

CHAPTER CHAPTER CHAPTER CHAPTER CHAPTER
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CHAPTER CHAPTER CHAPTER CHAPTER CHAPTER

01

WHO AM I?

Bjørn Hald Sørensen

Engineering Manager

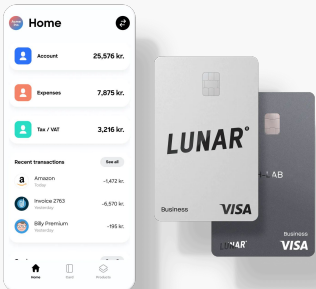
Everything developer experience and platform engineering

Developer gone manager

Joined Lunar in 2017

Contributor to multiple CNCF





15,000

Total number of Business Customers



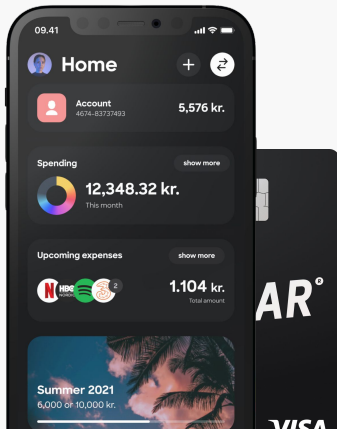
Company founded in 2015

650

Employees



European Banking License issued in Denmark



500,000

Customers in total

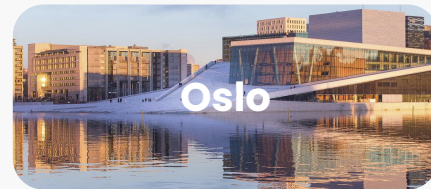
€345m

Total amount raised

Series D ✓

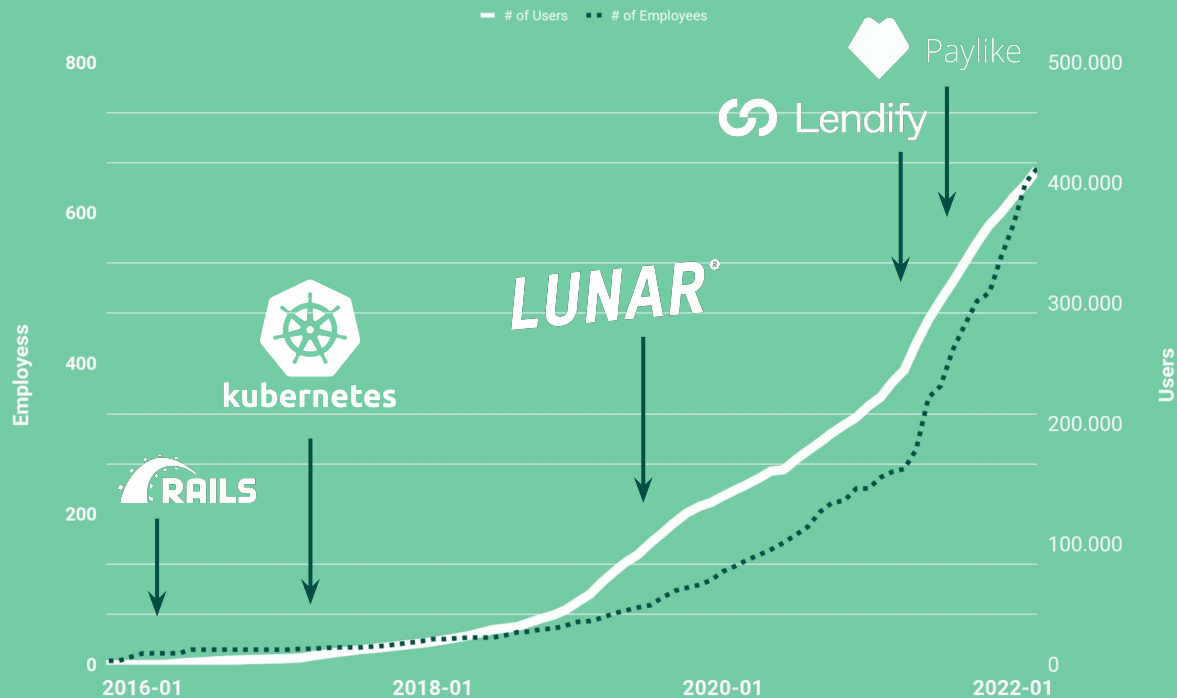
Recently closed our Series D of €210m

We have offices in these locations



HYPER

SCALE & GROWTH HISTORY



lunar
way®

LUNAR TECH AT A GLANCE

On average more than

25

Deployments to production per day

150 eng.
+80 hires within 12m

24

Squads across 4 hubs

More than

450

µServices

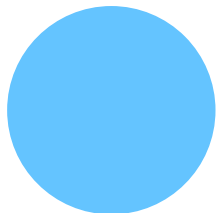
Multi-cloud

#3

AWS, Azure, GCP

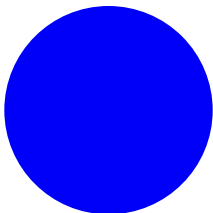
100+

Releases per day



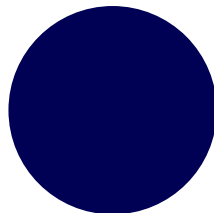
Simple syntax

Only 25 keywords



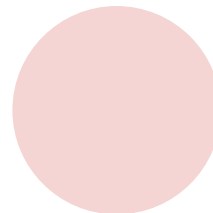
No magic

The code tells the truth



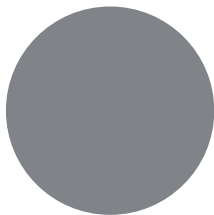
Compatibility

What works now will also
work in 5 years



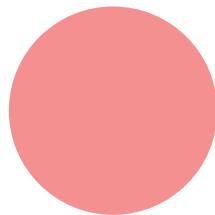
Standard library

Everything you need to get
going



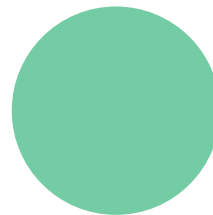
Static binaries

Cross architecture
compilation



Rich ecosystem

Used extensively
especially in cloud
companies



Resource footprint

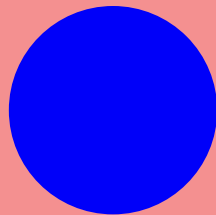
No excessive runtime

THE PERFECT LANGUAGE ?



Simple syntax

Only 25 keywords



Error handling

All errors **must** be handled



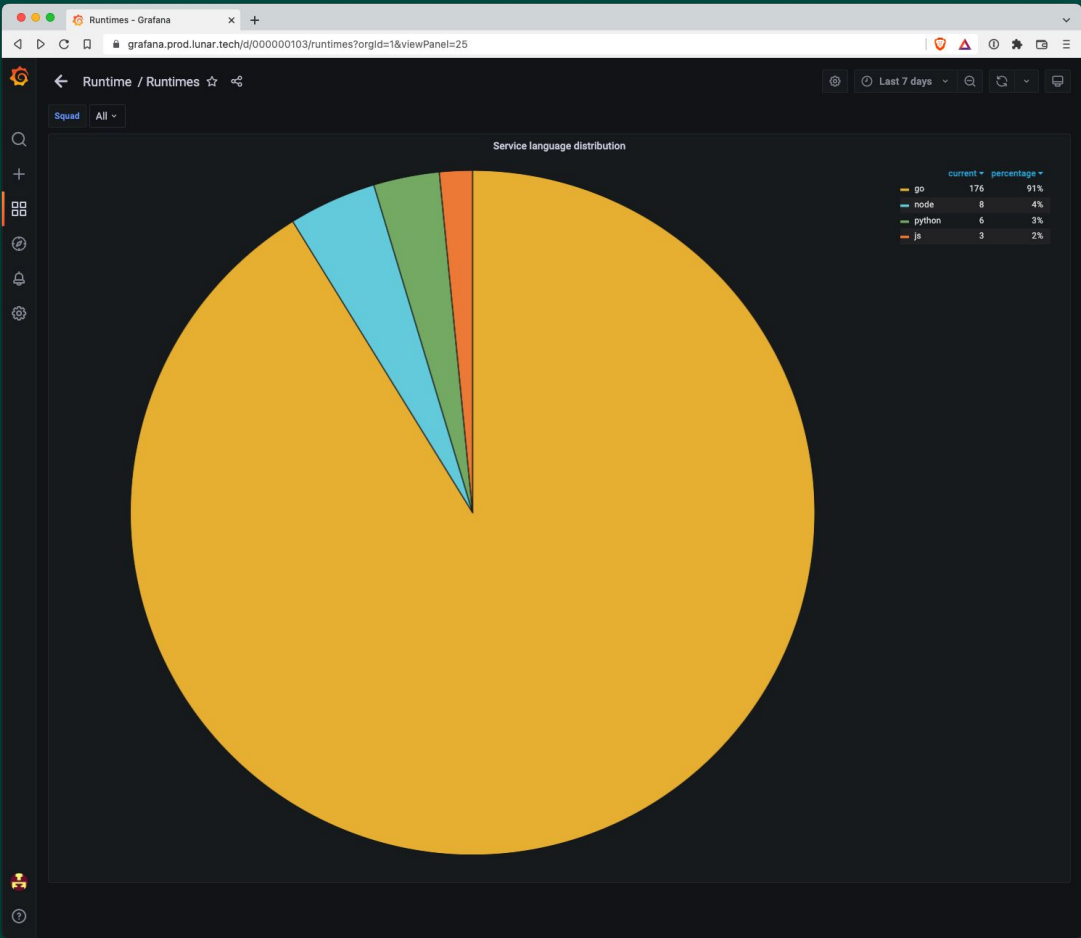
Generic code

Introduced March 2022

DISTRIBUTED SYSTEMS



Photo by Pixabay: <https://www.pexels.com/photo/gray-and-black-galaxy-wallpaper-2150/>



lunarway/lunar-way-product-service

github.com/lunarway/

Search or jump to... Pull requests Issues Marketplace Explore

Unwatch 4 Fork 0 Star 0

Code Pull requests 2 Actions Security Insights Settings

master 8 branches 3 tags Go to file Add file Code

dependabot[bot] Bump go.lunarway.com/amqp from 1.0.3 to 1.0.4 (#134) ✓ c2799c8 12 days ago 569 commits

.github	Patch/use semver lib versions (#107)	2 months ago
.img	Get products journey (#133)	13 days ago
.sealed-secrets	Remove/staging (#117)	last month
api	Added consumer loans (#129)	14 days ago
cmd	Migrate to GitHub modules (#76)	12 months ago
generated	Added consumer loans (#129)	14 days ago
internal	Added feature toggle related test case for consumer loans (#132)	13 days ago
scripts	Update documentation of assets and fix upload script	3 years ago
templates	Use correct sub domain and add whitelist source range (#85)	7 months ago
.gitignore	Migrate to shuttle build and deployment	4 years ago
CODEOWNERS	Fix codeowners to be aura (#127)	22 days ago
Jenkinsfile	use the standard shuttle pipeline again	3 years ago
README.md	Get products journey (#133)	13 days ago
go.mod	Bump go.lunarway.com/amqp from 1.0.3 to 1.0.4 (#134)	12 days ago
go.sum	Bump go.lunarway.com/amqp from 1.0.3 to 1.0.4 (#134)	12 days ago
shuttle.yaml	Set owner to be Aura (#125)	22 days ago

README.md

Product service

Responsible for exposing user specific products and the current state of them to the App. The products view in the App is a dynamic list and details view that is ignorant of the visible products and the data presented for them.

The backend is designed with two main entities, ie. `Product` and `User` (state). They are described below.

All values presented for the user, including action links, are managed through Lokalise. A product is stored in the database with the translation keys and the values are localized at request time for the user. This allows for changing actions etc. based on states as well.

About

Responsible for user specific product overviews

golang services squad-nasa

Readme 0 stars 4 watching 0 forks

Releases

3 tags

Create a new release

Packages

No packages published

Publish your first package

Contributors

14

+ 3 contributors

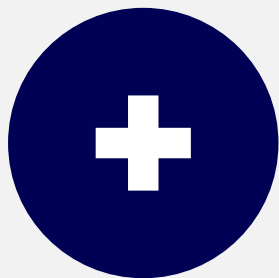
Languages

Go 99.8% Shell 0.2%

Command Line Interfaces



Photo by Markus Spiske: <https://www.pexels.com/photo/green-and-white-line-illustration-225769/>



Easy to create



Easy to distribute



Easy to use

lunarway/shuttle: CLI for handling shared build and deploy tools between projects no matter what technologies the projects are using

github.com/lunarway/shuttle

Search or jump to... Pull requests Issues Marketplace Explore

lunarway / shuttle Public Unpin Unwatch 7 Fork 8 Starred 71


<> Code Issues 6 Pull requests Discussions Actions Security Insights Settings

master 3 branches 36 tags Go to file Add file Code

dependabot[bot] Bump actions/setup-go from 2 to 3 (#111) 838681d 11 days ago 163 commits

.github	Bump actions/setup-go from 2 to 3 (#111)	11 days ago
cmd	Run all tests in test-go (#108)	13 days ago
docs	Update readme	4 years ago
examples	Support shuttle commands from sub directories (#72)	8 months ago
pkg	Fix shell output race condition (#107)	21 days ago
.gitignore	added .idea to .gitignore	4 years ago
.goreleaser.yml	Migrate to Github Actions (#86)	2 months ago
CODEOWNERS	Change ownership to Aura (#109)	21 days ago
LICENSE	Add Apache 2.0 LICENSE	3 years ago
README.md	Remove travis badge (#87)	2 months ago
go.mod	Bump github.com/go-cmd/cmd from 1.4.0 to 1.4.1 (#106)	22 days ago
go.sum	Bump github.com/go-cmd/cmd from 1.4.0 to 1.4.1 (#106)	22 days ago
main.go	Inject output streams and avoid copying ui.UI (#91)	2 months ago
run	Add support for plan branches and overloading plan (#35)	3 years ago
shuttle.yaml	Run all tests in test-go (#108)	13 days ago

README.md



shuttle

About

CLI for handling shared build and deploy tools between projects no matter what technologies the projects are using

cli golang

Readme Apache-2.0 License 71 stars 7 watching 8 forks

Releases 35

v0.15.0 (Latest) on 8 Mar

+ 34 releases

Contributors 7

Languages

Go 100.0%

Anything else?

- Websites
- Proxies
- ...



Lunar Open Banking connect

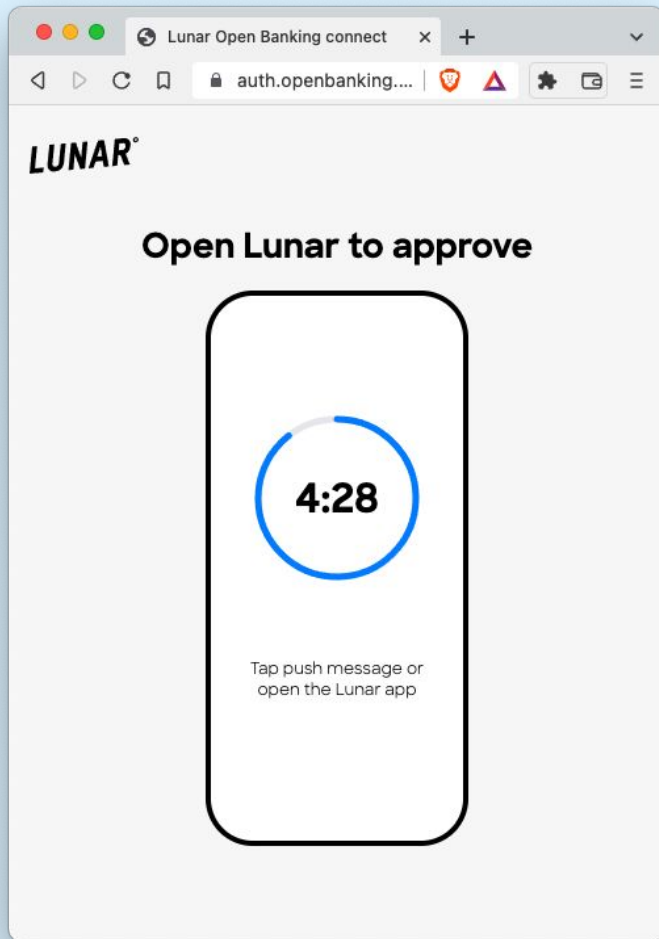
auth.openbanking...

LUNAR DK

Type in your SSN

SSN


Next




**NOW
TO
REAL CODE**

Thank you.

Questions?

 @Bjorn_Sorensen

 bso@lunar.app

Join us!
jobs.lunar.app

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