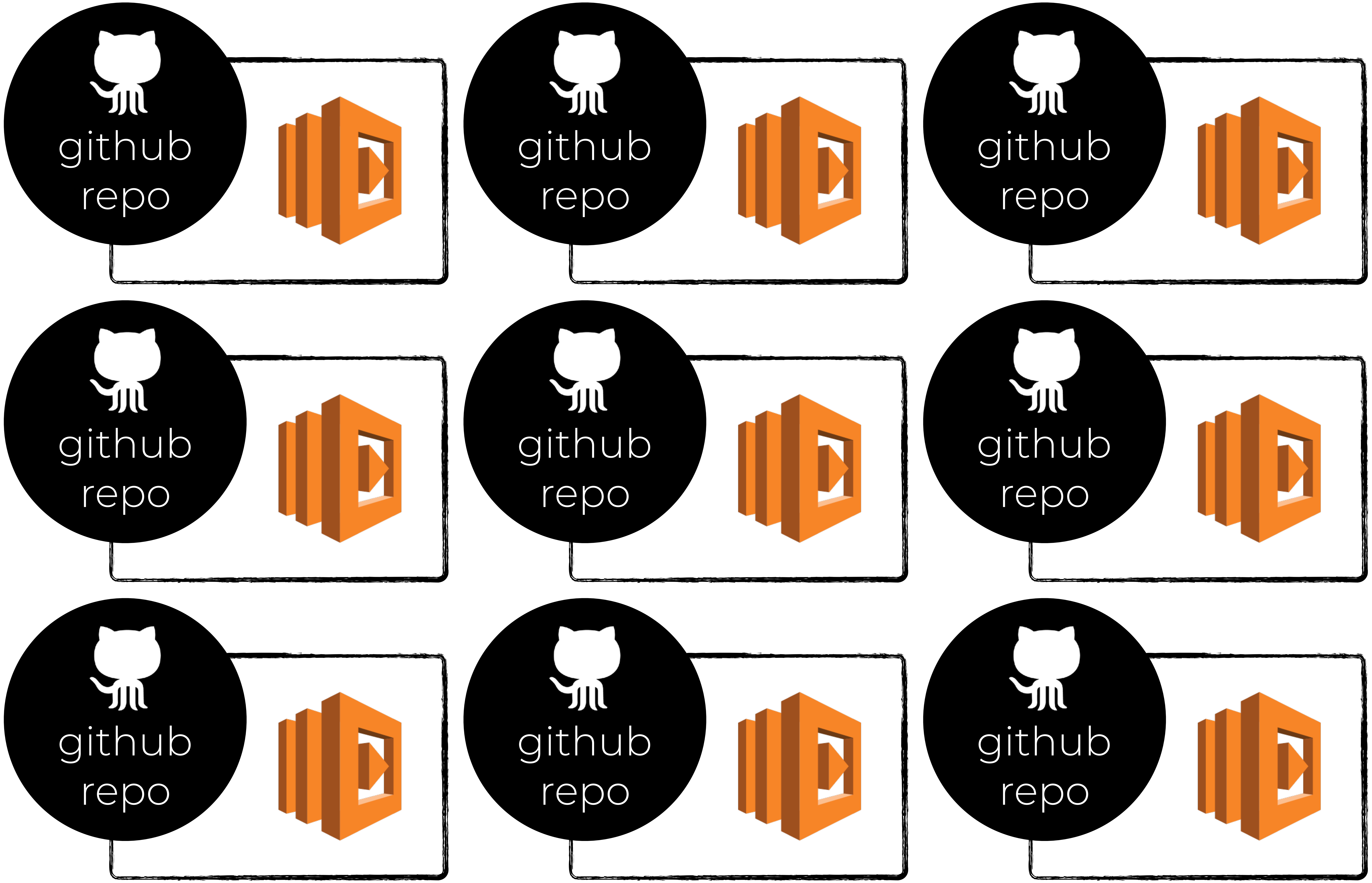

github
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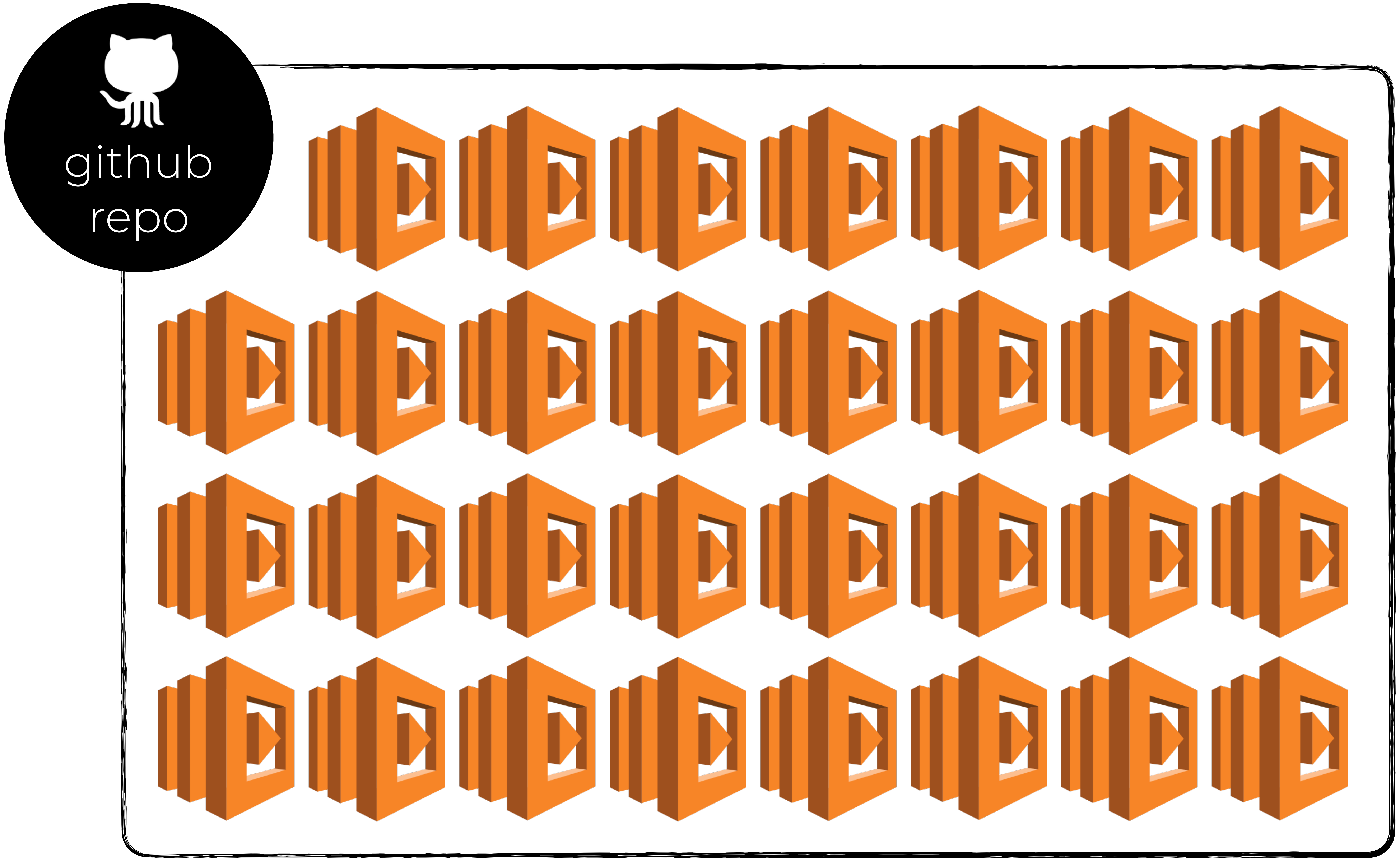
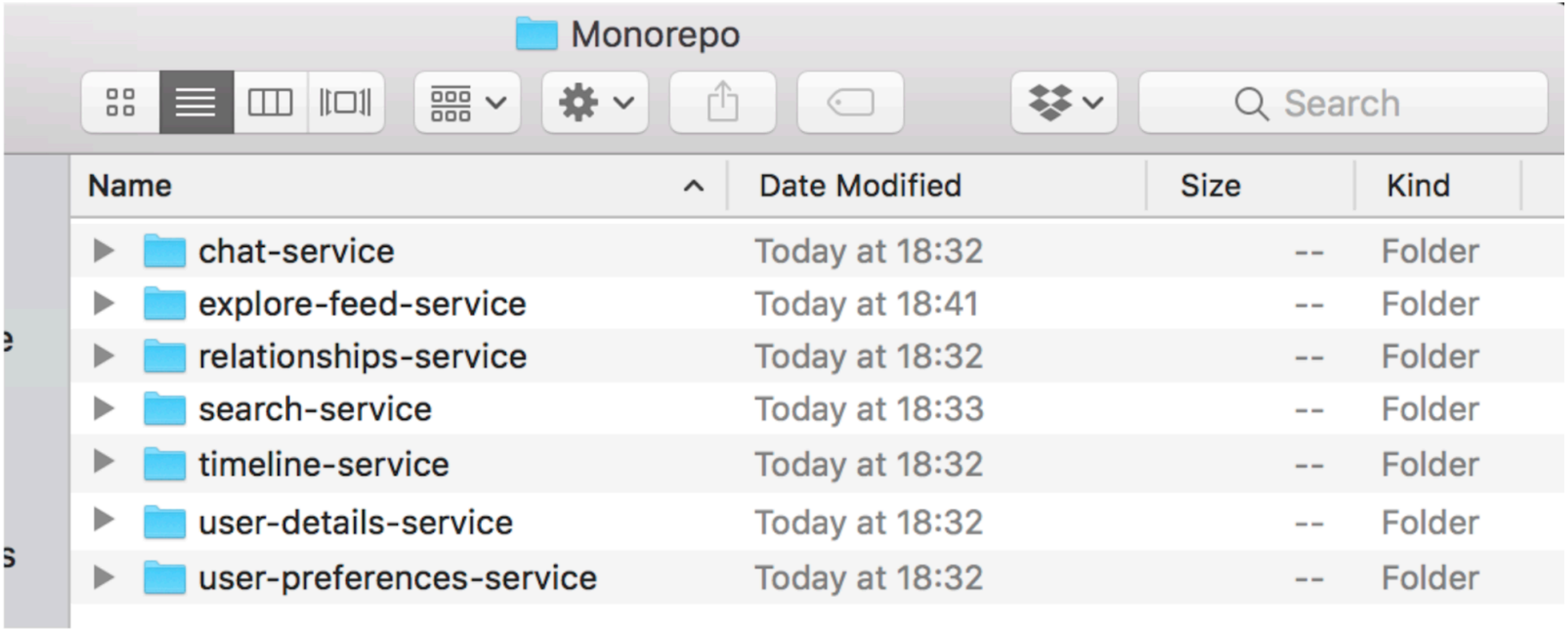
monorepo

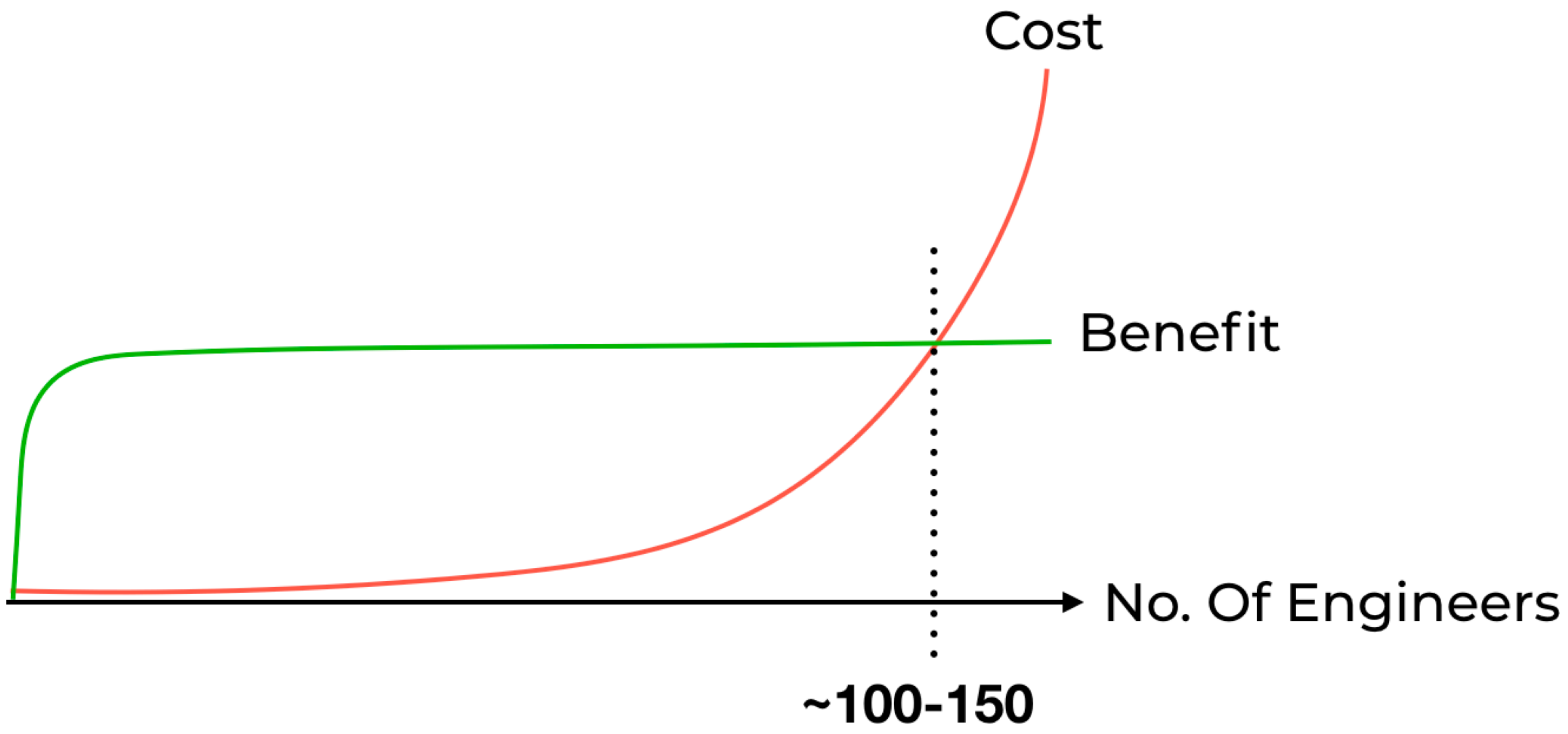

github
repo



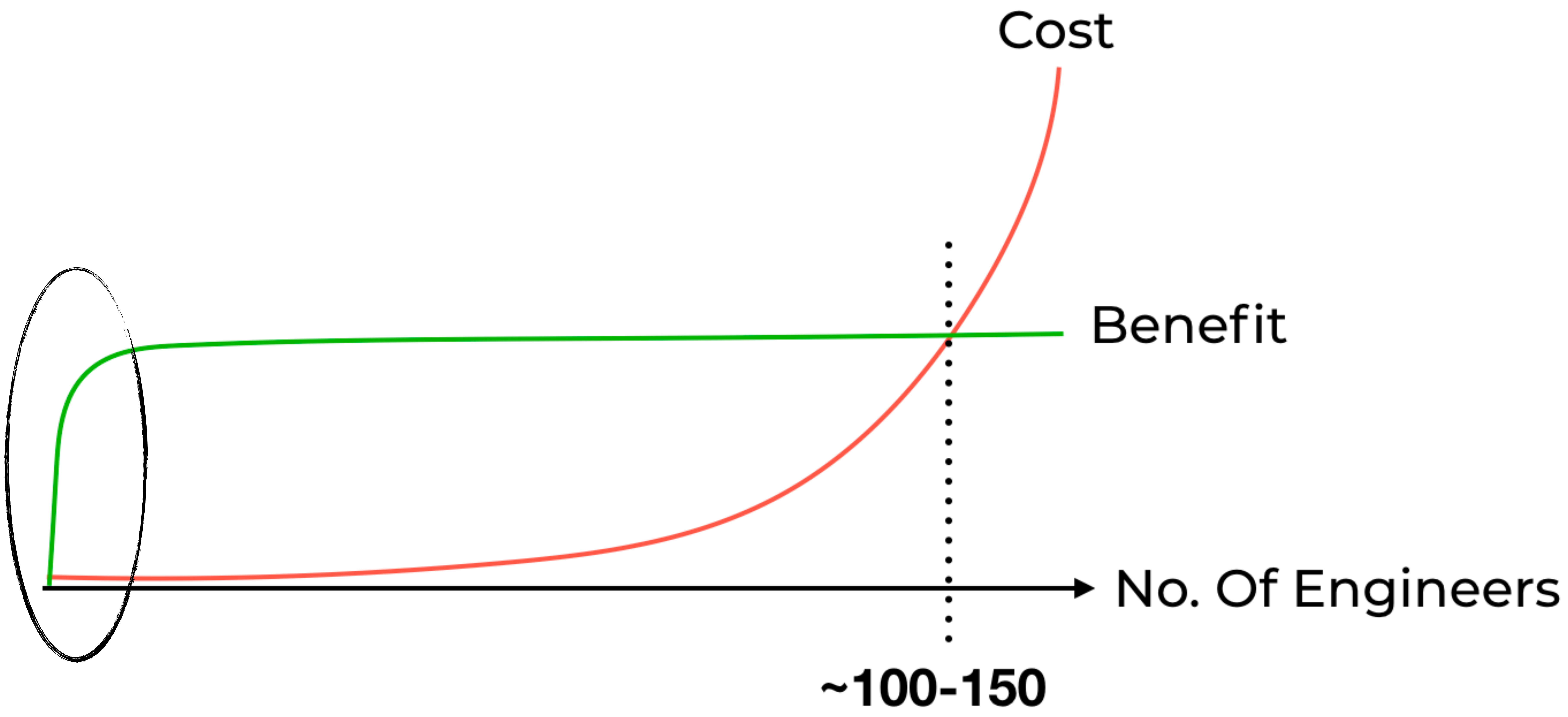
Name	Date Modified	Size	Kind
chat-service	Today at 18:32	--	Folder
explore-feed-service	Today at 18:41	--	Folder
relationships-service	Today at 18:32	--	Folder
search-service	Today at 18:33	--	Folder
timeline-service	Today at 18:32	--	Folder
user-details-service	Today at 18:32	--	Folder
user-preferences-service	Today at 18:32	--	Folder

share code through symlinks + webpack

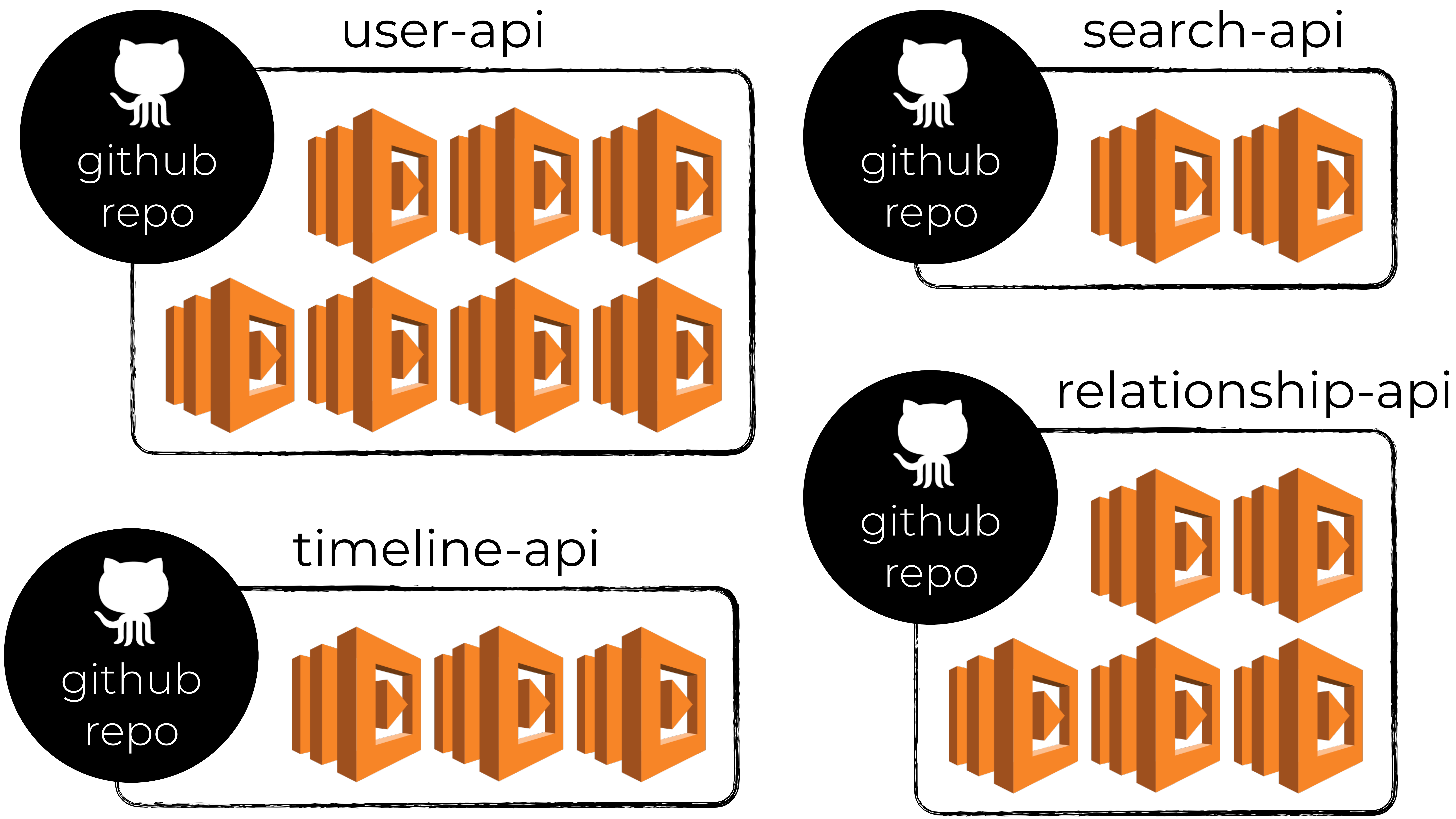
one CI/CD that deploys them all (in parallel)


Cost
Benefit
No. Of Engineers
~100-150

good for small teams/startups


Cost
Benefit
No. Of Engineers
~100-150

one repo per service



user-api

github repo

search-api

github repo

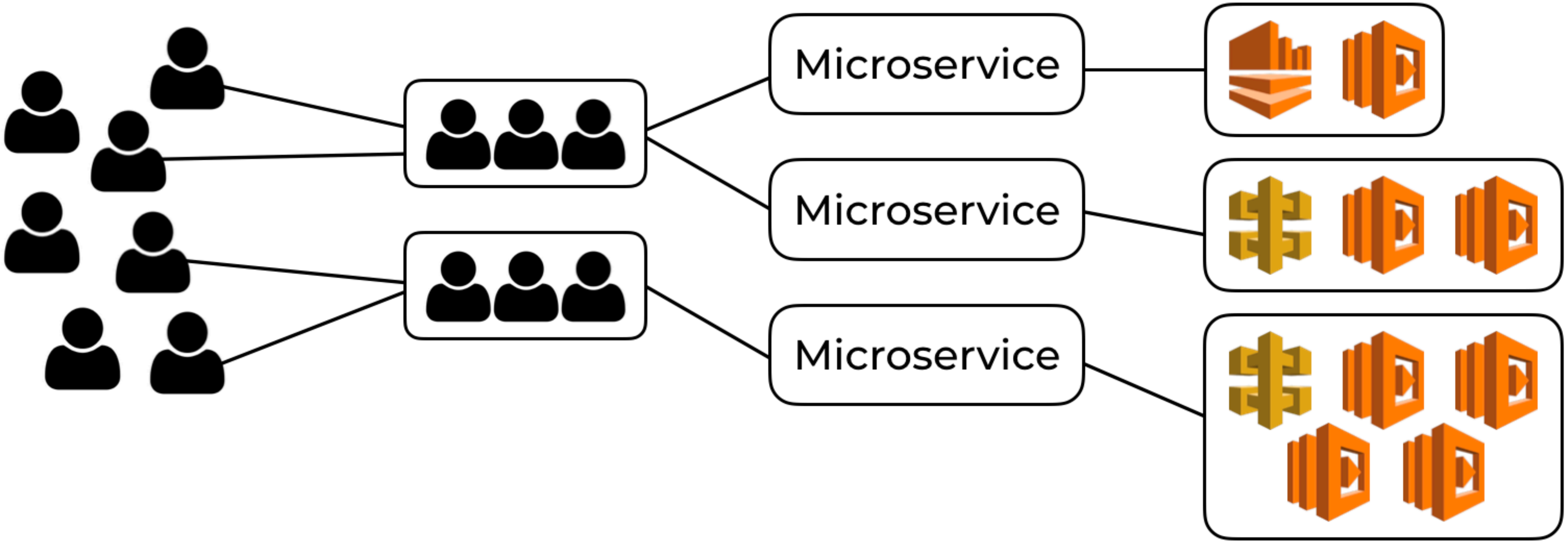
timeline-api

github repo

relationship-api

github repo

Engineers → work in → **Teams** → own → **Services** → consist of → **Functions**



Microservice

Microservice

Microservice

one CI/CD pipeline per service

shared infrastructure (VPCs, etc.) in separate repo ref shared infra via CFN output, SSM param, etc.

share code through shared libs (NPM, maven, etc.)

shared code vs shared service

	shared library	service
visibility	explicit	often none
deployment	consumer	service owner
versioning	multiple active	singular/multiple active
backward compat	semantic versioning	don’t break it
isolation	internals accessible	no access to internals
failure	loud & clear	it’s complicated

https://theburningmonk.com/2018/02/aws-lambda-how-best-to-manage-shared-code-and-shared-infrastructure/