

Technical Steering Groups

Balancing autonomy, technical alignment and speed
through strategic collaboration

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Spotify

678 million users / 268 million subscribers in > 180 markets

100 million songs / 7 million podcast titles / 350.000 audiobooks





Mission -> Studio -> Product Area -> Squad

2700+ engineers

Stockholm & NY
and London!



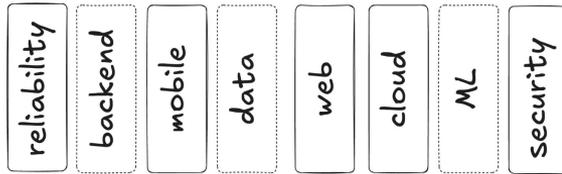
Aligned Autonomy -> Focused Alignment





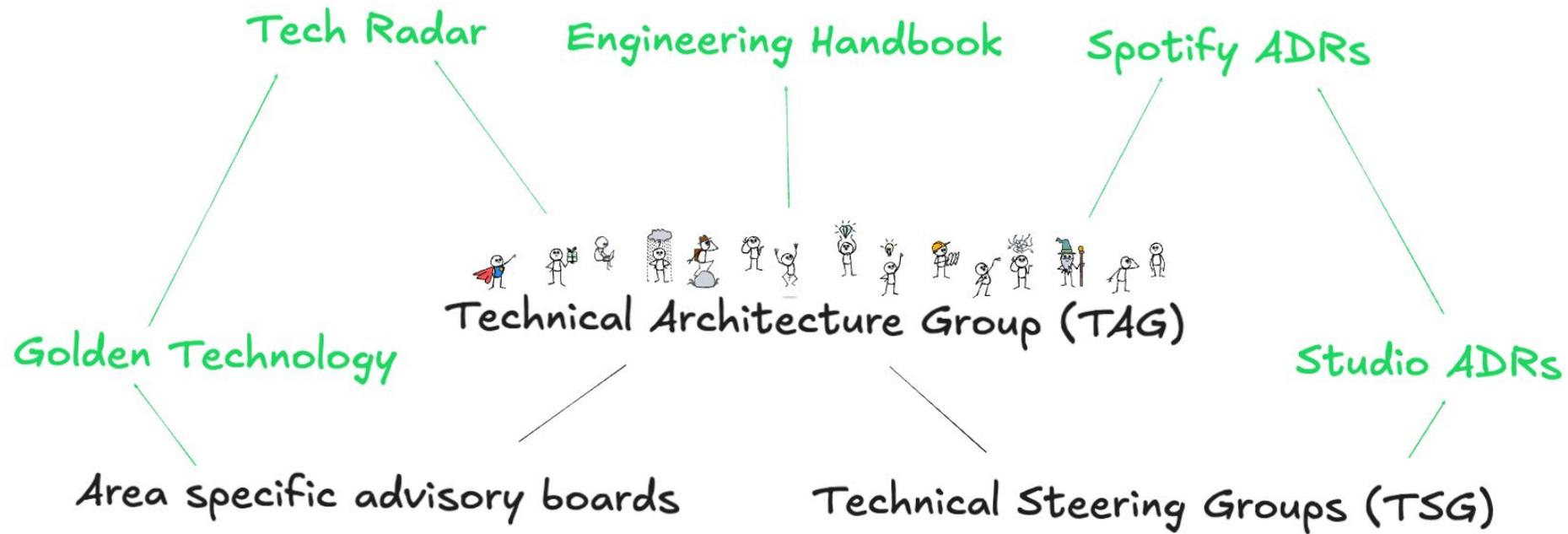
Technical Architecture Group (TAG)

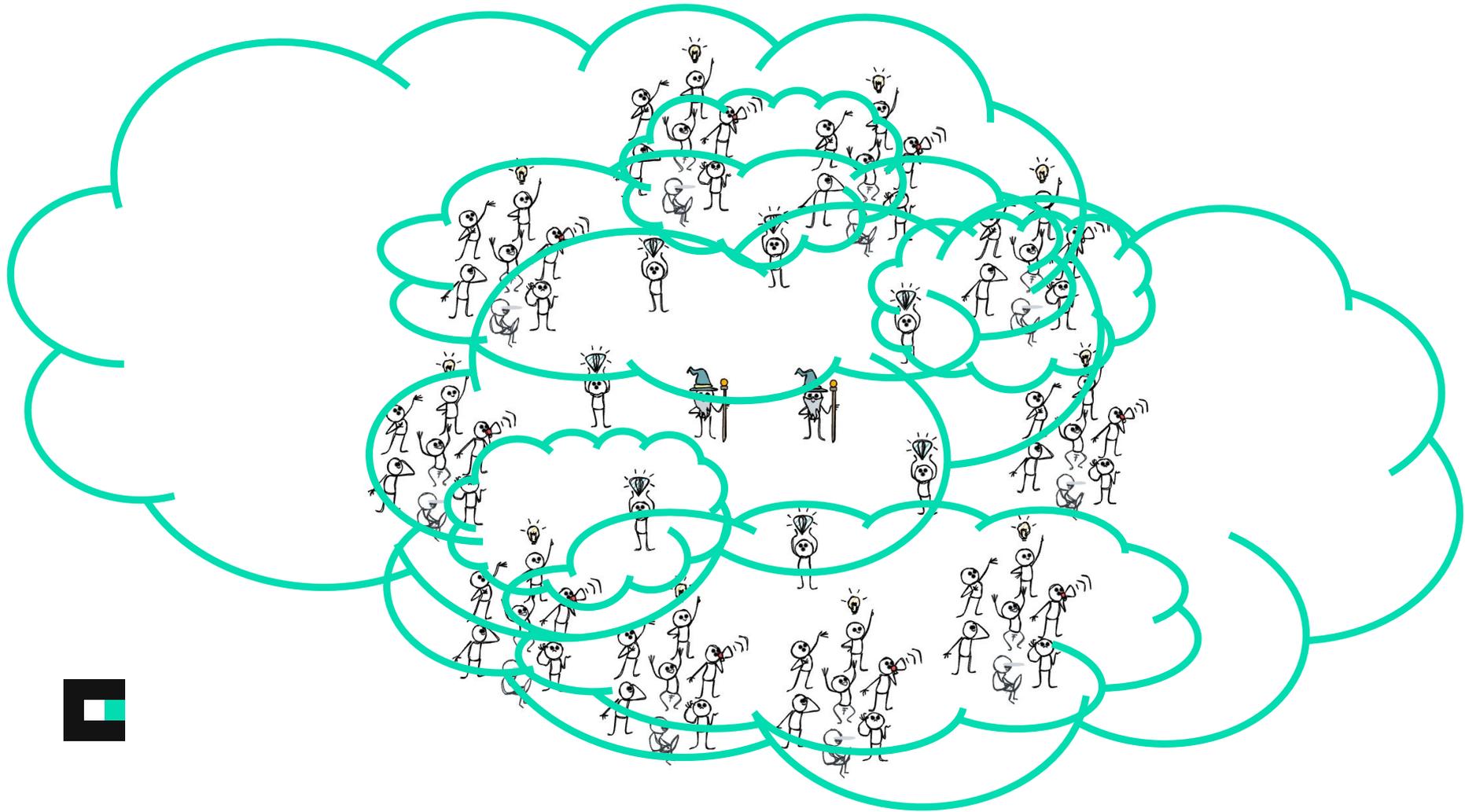
Area specific advisory boards



Technical Steering Groups (TSG)

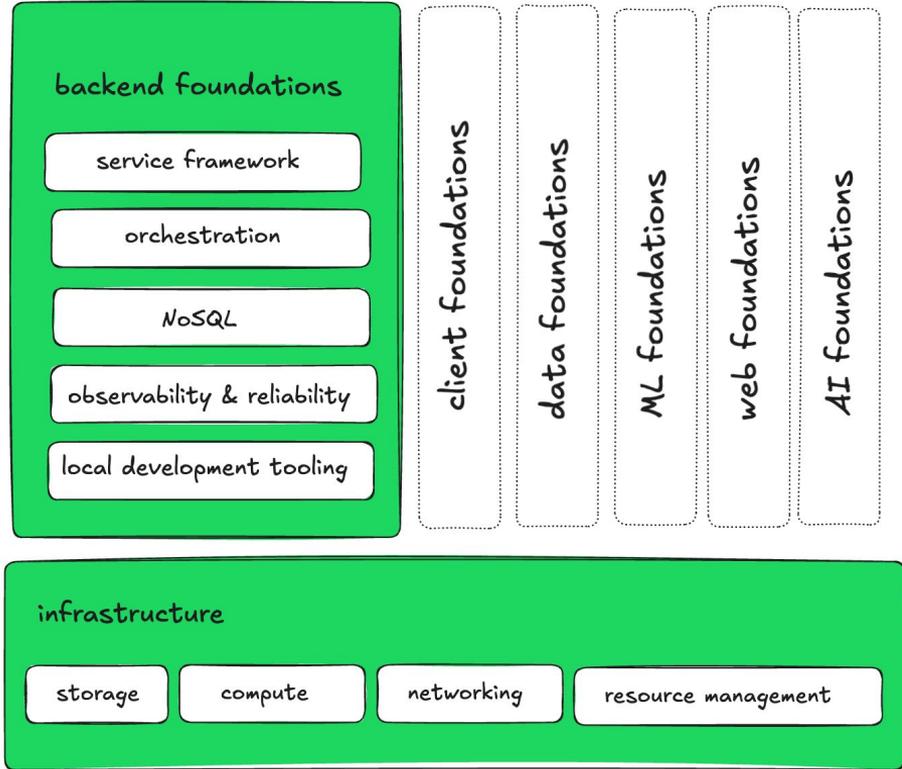






core infrastructure

- >1.6 trillion events/day
- >3600 microservices in production
- >4100 production deployments/day
- >1.5 million kubernetes pods
- >10M requests/second daily peak traffic



Developer Experience

Contracts

Reliability



MAY 9, 2025

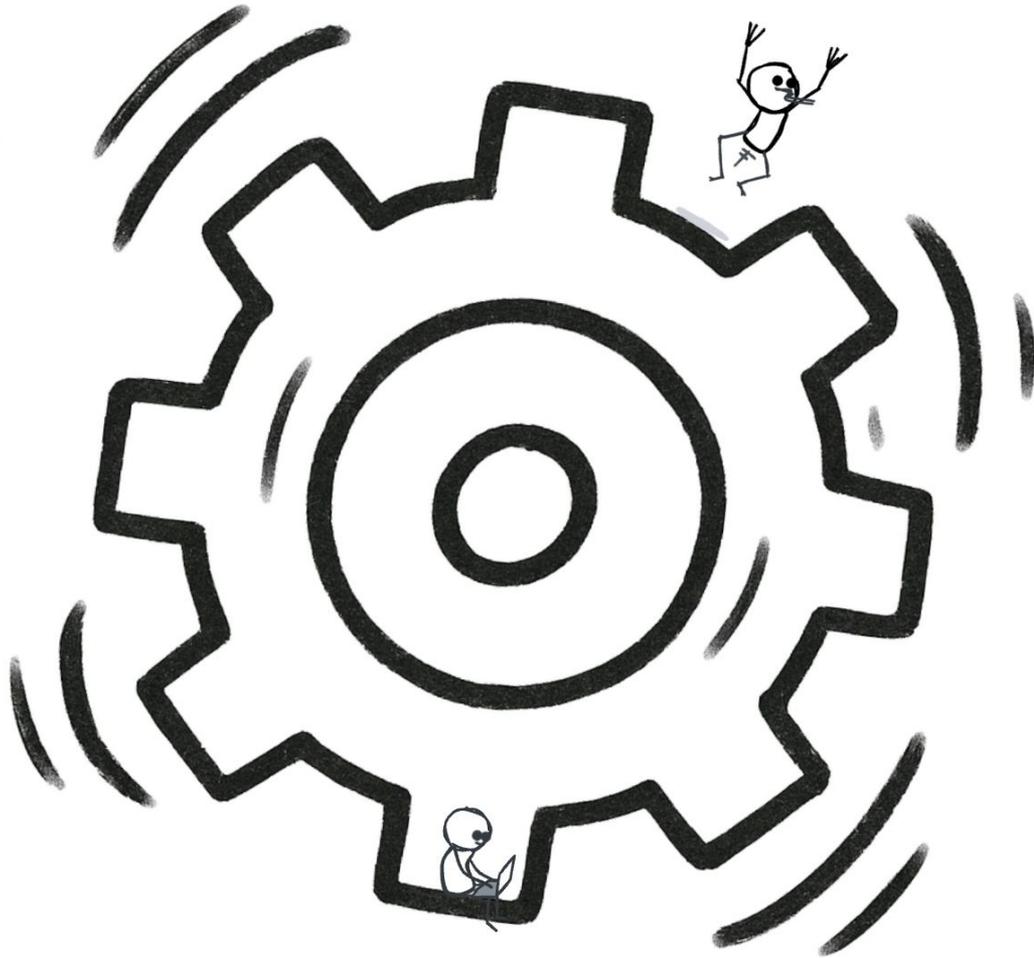
Incident Report: Spotify Outage on April 16, 2025

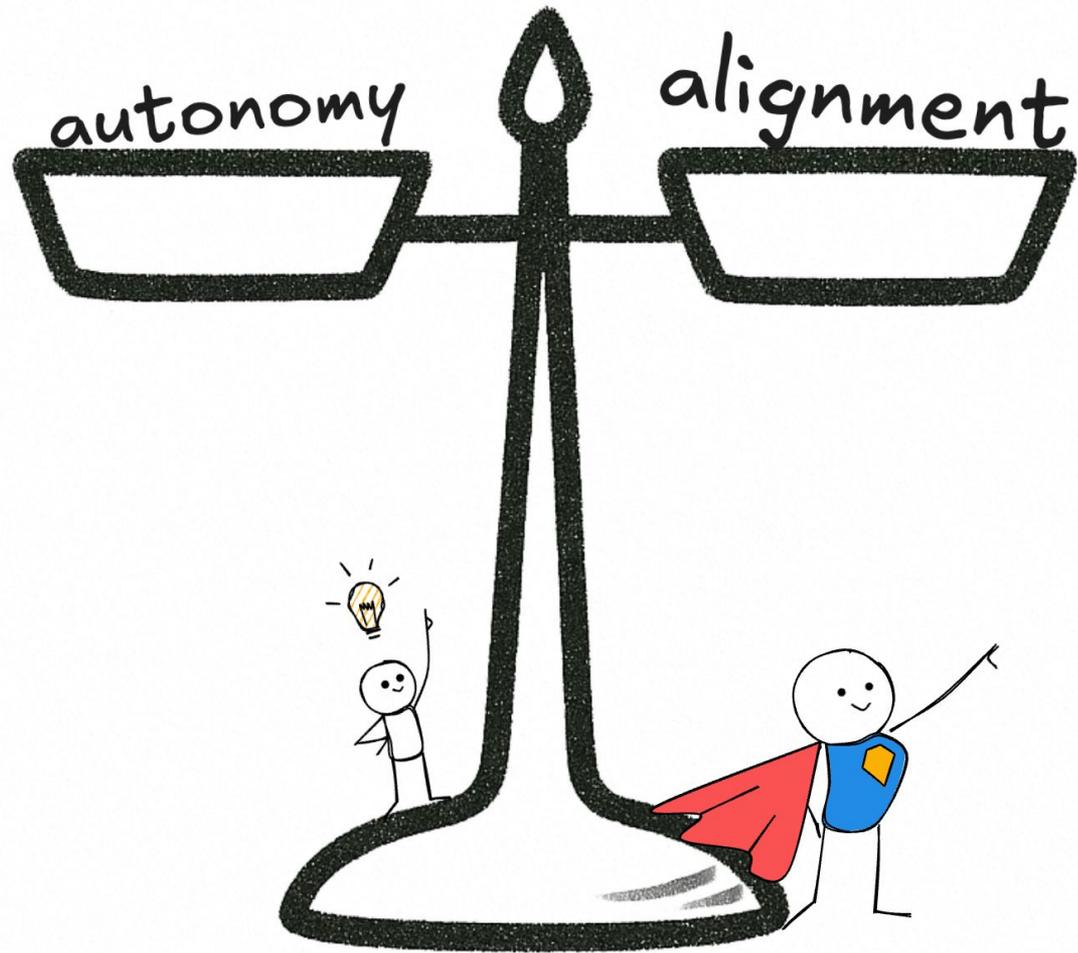
On April 16, Spotify experienced an outage that affected users worldwide. Here is what happened and what we...

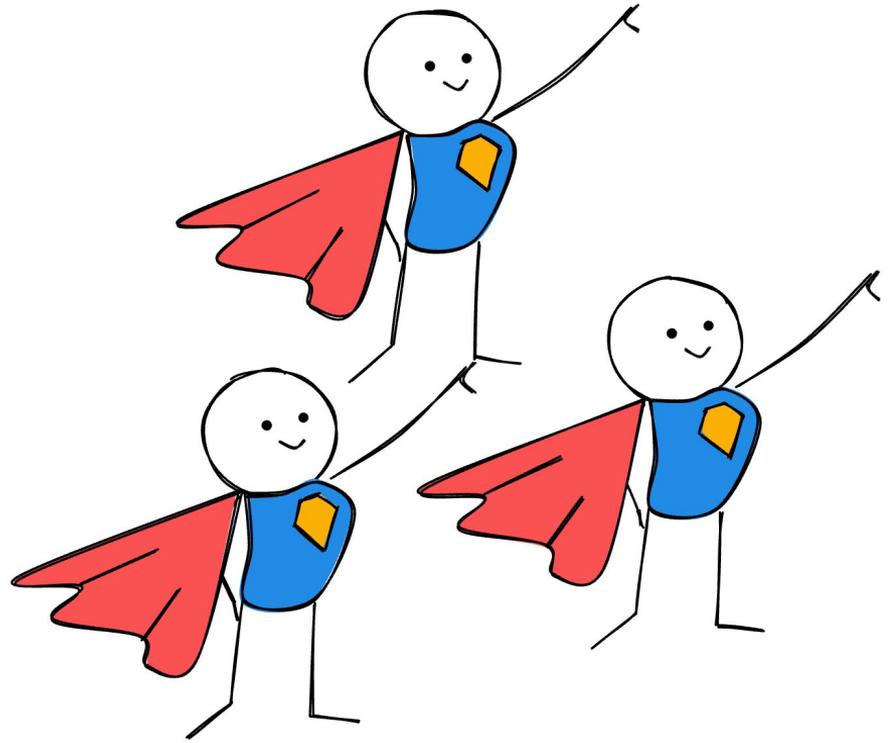


INFRASTRUCTURE







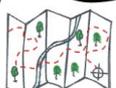


The Tech Steering Group Runbook

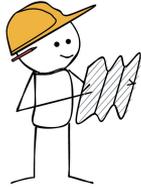


Mission 

Group composition 

Ways of working 





Plan&Align

1x Standup
1x Deep dive



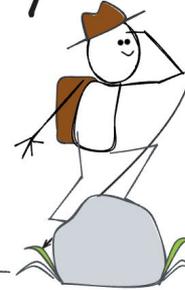
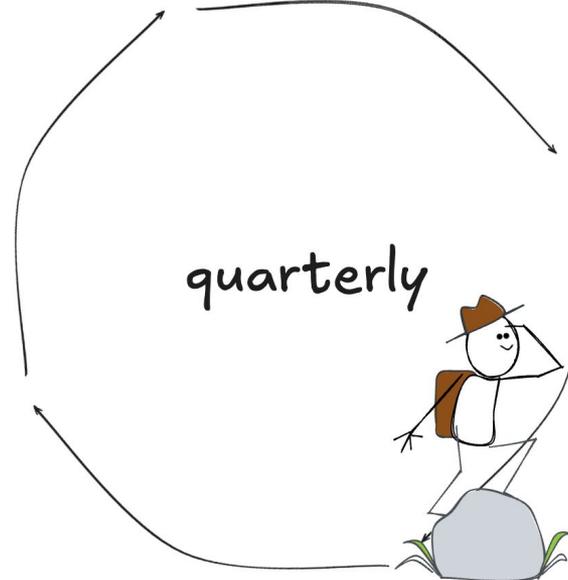
Be transparent & celebrate

Weekly slack-outs
Open calls



Open Dialogue

Open Tech Forum
Architecture Reviews
Workstream proposals



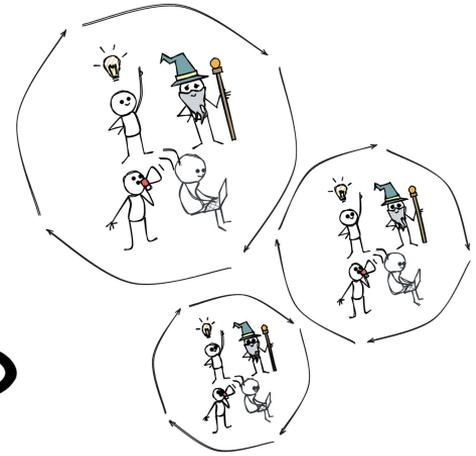
Explore

now + 6/12 months ahead
risks, opportunities, unknowns
decision points, collaboration angles



Workstreams

short
clear outcome
with the studio



Build it



Ship it



Tweak it!





Infra 4 Infra

TSG Workstreams

Type: ADR, guidelines

Defining reliability tier for infrastructure that T1 systems rely on

Systems like the perimeter, workload clusters, service discovery and DNS.

Impact: supporting squads to plan in engineering and reliability efforts



Architectural alignment for backend monorepo

TSG Workstreams

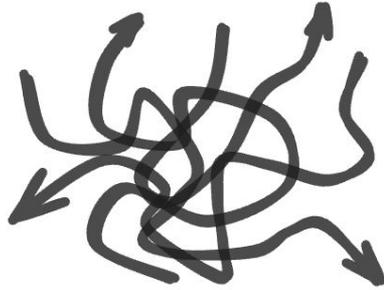
Type: exploratory, ADR

WS1: Evaluating the impact and size of backend monorepo on our studio

WS2: Architectural alignment around decoupling CD from CI

WS3: Architectural alignment around managing side effects of the build





Thank you!

