pitfalls of building developer platforms



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@solidtubez.com

89 %

of respondents are using internal developer platforms

Accelerate state of DevOps report 2024



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DORA AI Capabilities Model



Quality internal platforms

"A platform provides the automated, secure pathways that allow AI's benefits to scale across the organization."

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10x developers

what could possibly go wrong?



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Jessica Andersson

Jesande, CNCF Ambassador

@solidtubez.com

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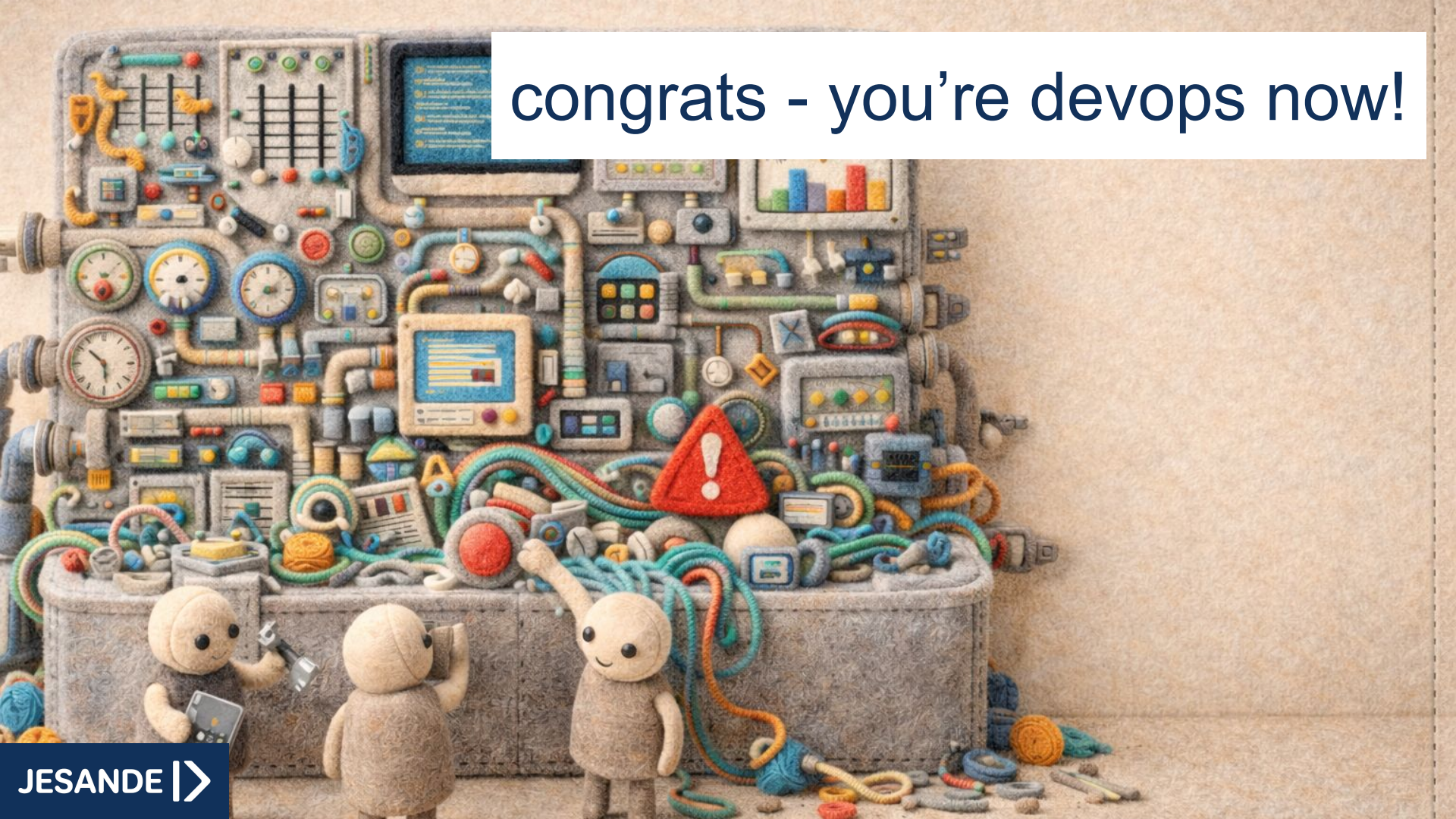
congrats - you’re devops now!



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what if it was this simple?



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internal developer platform

cloud platform | design system | data platform



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ACCELERATE
INSPIRED
HOW TO CREATE TECH PRODUCTS CUSTOMERS LOVE
Platform Engineering
TEAM TOPOLOGIES
BOOK CLUB
Learn
Share
Grow
Build better platforms together

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Transformed
Marty Cagan et al

from silos to empowered product teams



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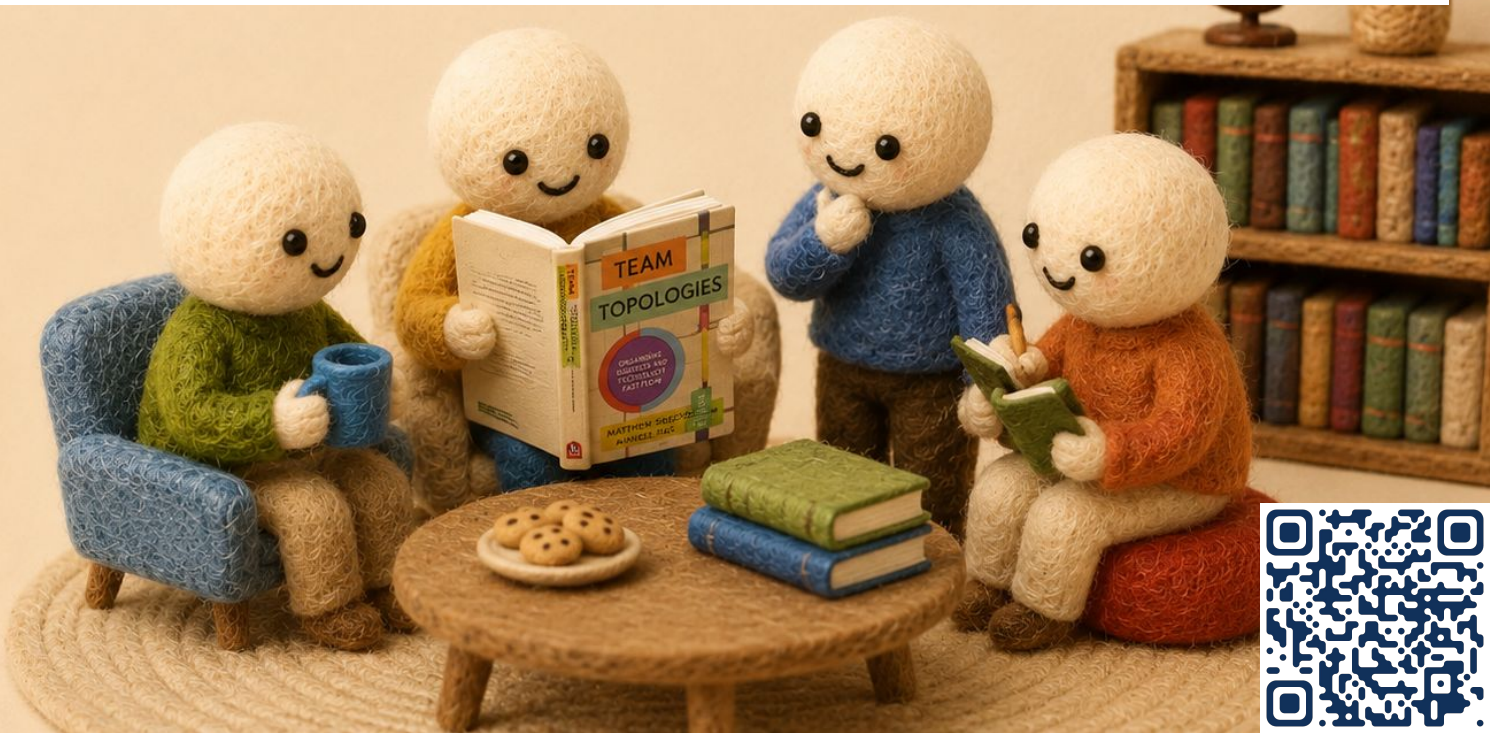
Team Topologies
Matthew Skelton &
Manuel Pais

team structures and ways to organize



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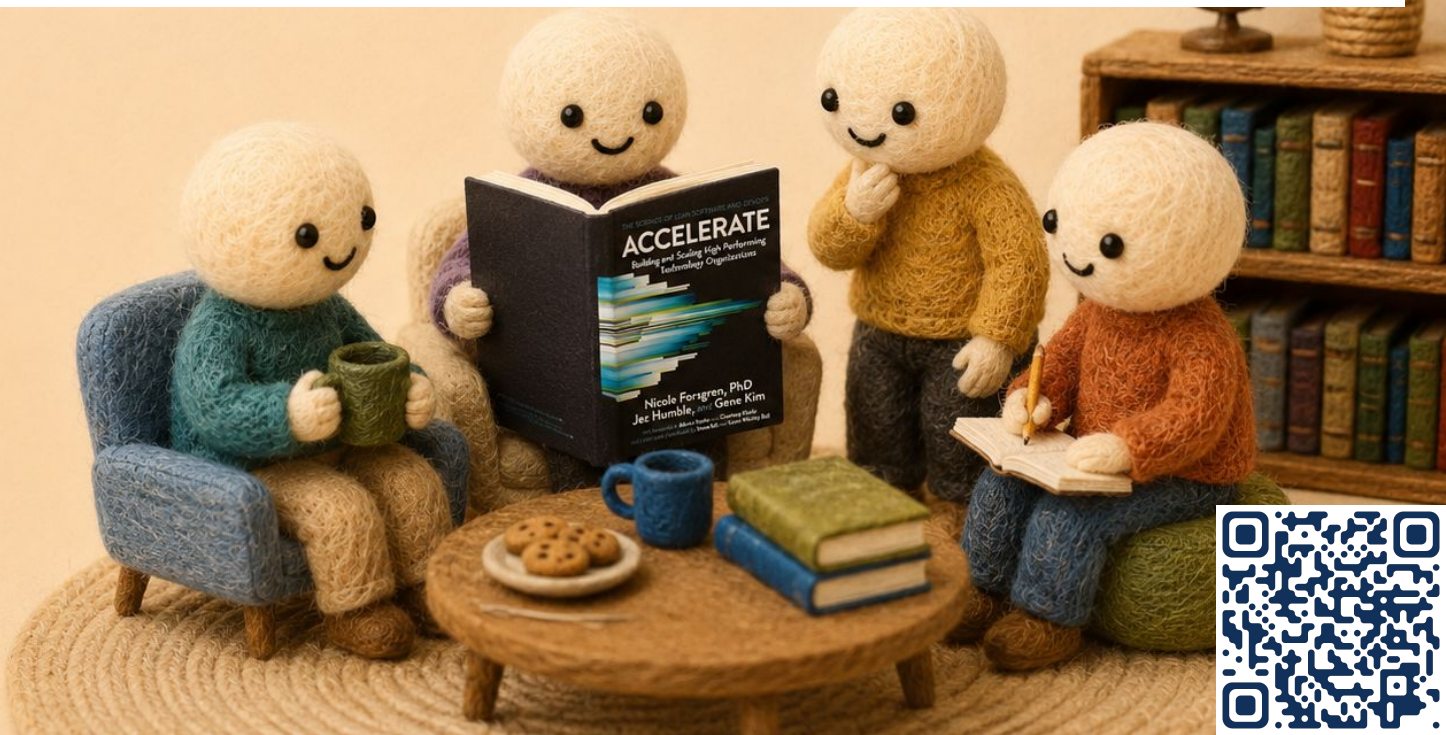
Accelerate
Nicole Forsgren, Jez Humble & Gene Kim

measure success



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Platform Engineering
Camille Fournier & Ian Nowland

platform is software that replaces glue code



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- Transformed
- Team Topologies
- Accelerate
- Platform Engineering



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what could possibly go wrong?



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- abstraction
- onboarding
- self-serve
- empower



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what could possibly go wrong?



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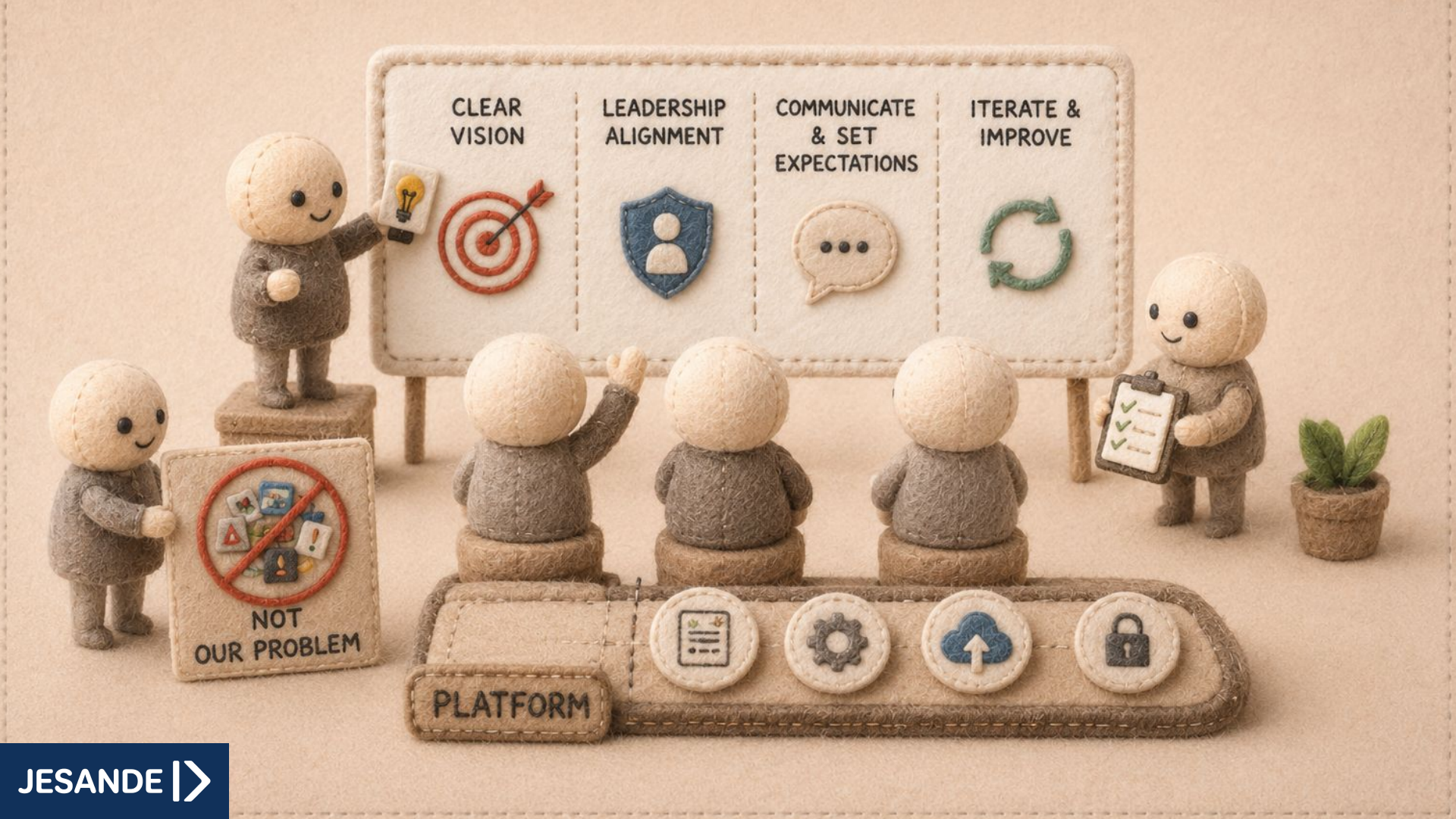
CLEAR VISION
LEADERSHIP ALIGNMENT
COMMUNICATE & SET EXPECTATIONS
ITERATE & IMPROVE
NOT OUR PROBLEM
PLATFORM

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what could possibly go wrong?



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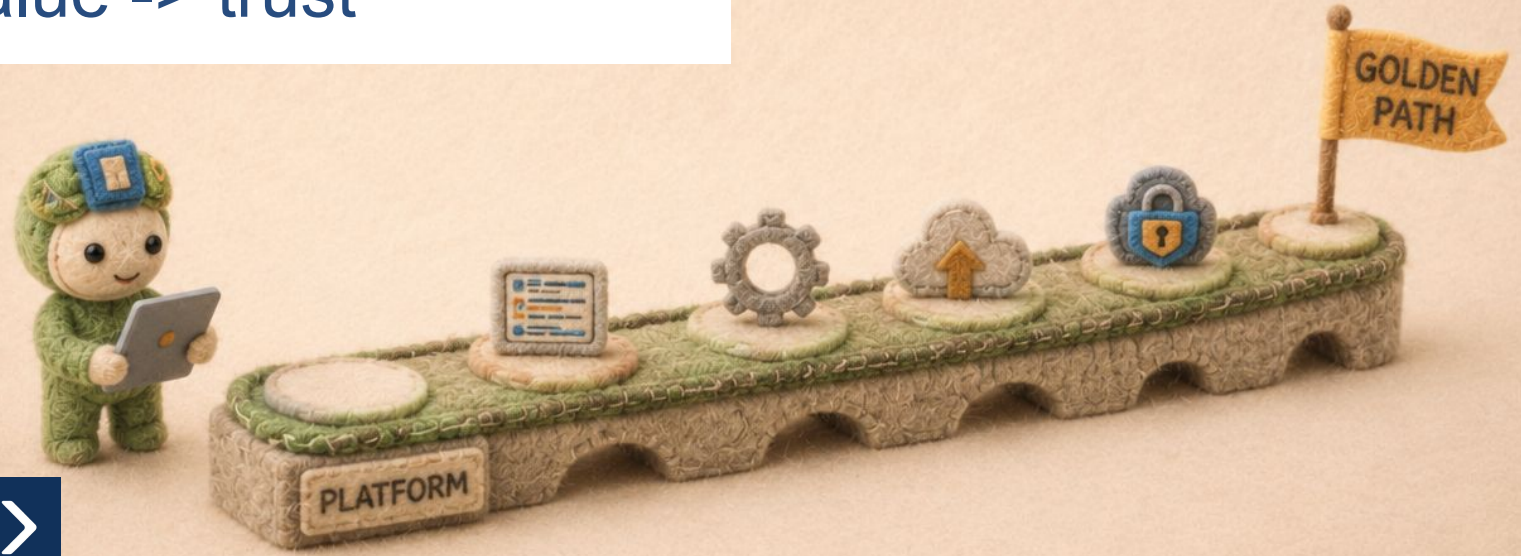
don't solve every use case

- thinnest viable platform
- 80 / 20
- value -> trust



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what could possibly go wrong?



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don't build what you think they want



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- user centric
- platform as a product
- product manager



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what could possibly go wrong?



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- minimal impact
- automate
- heavy lift



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do

1. empower developers
2. have a clear vision
3. a thinnest viable platform
4. treat it as a product
5. smooth and fast migrations



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