pitfalls of building developer platforms





TRICE
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89 %

of respondents are using internal developer platforms

Accelerate state of DevOps report 2024




10X
Developers

what could possibly go wrong?





Jessica Andersson

Trice, CNCF Ambassador

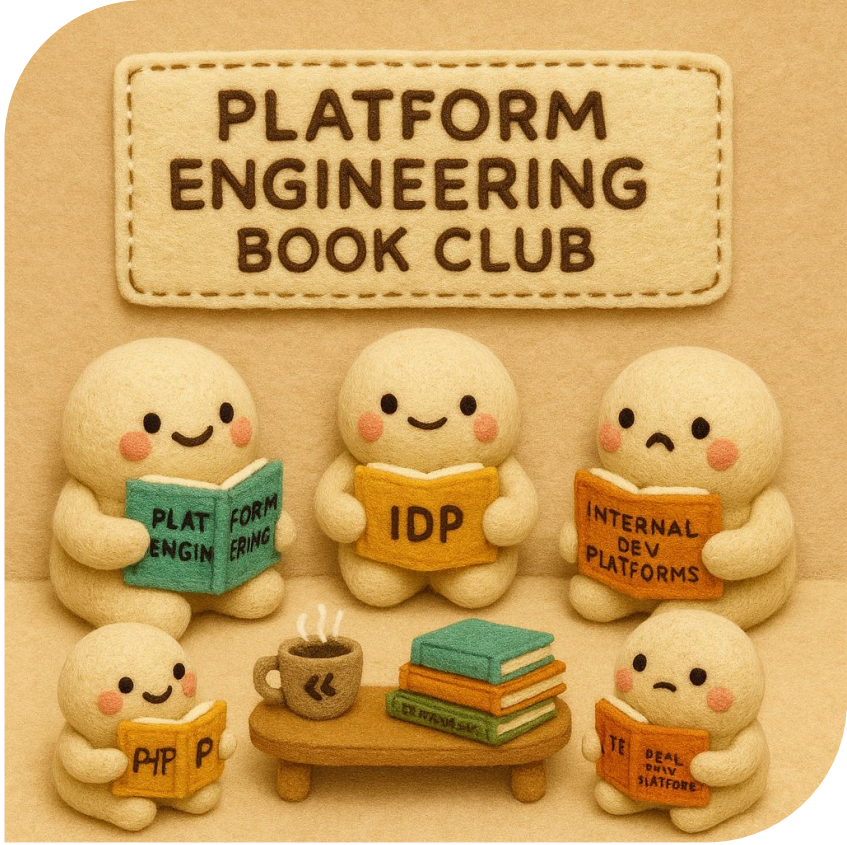
@solidtubez.com

internal
developer
platform



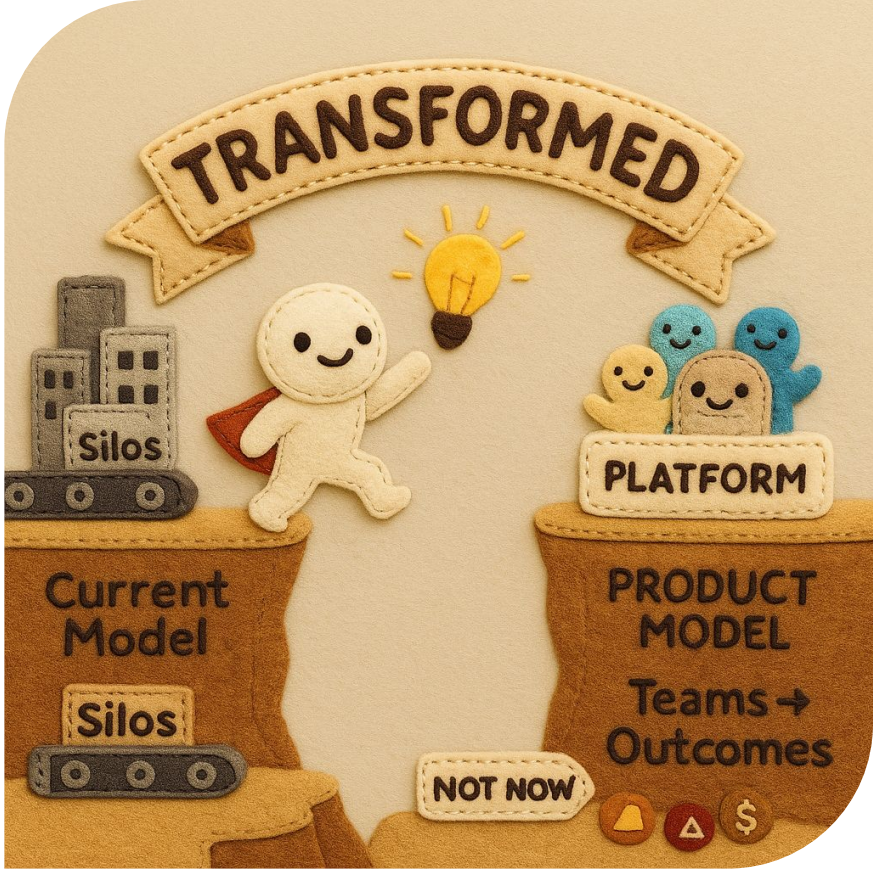
where can I learn more?

- Transformed
- Team Topologies
- Accelerate
- Platform Engineering



Transformed
- Moving to the Product Operating Model
Marty Cagan et al

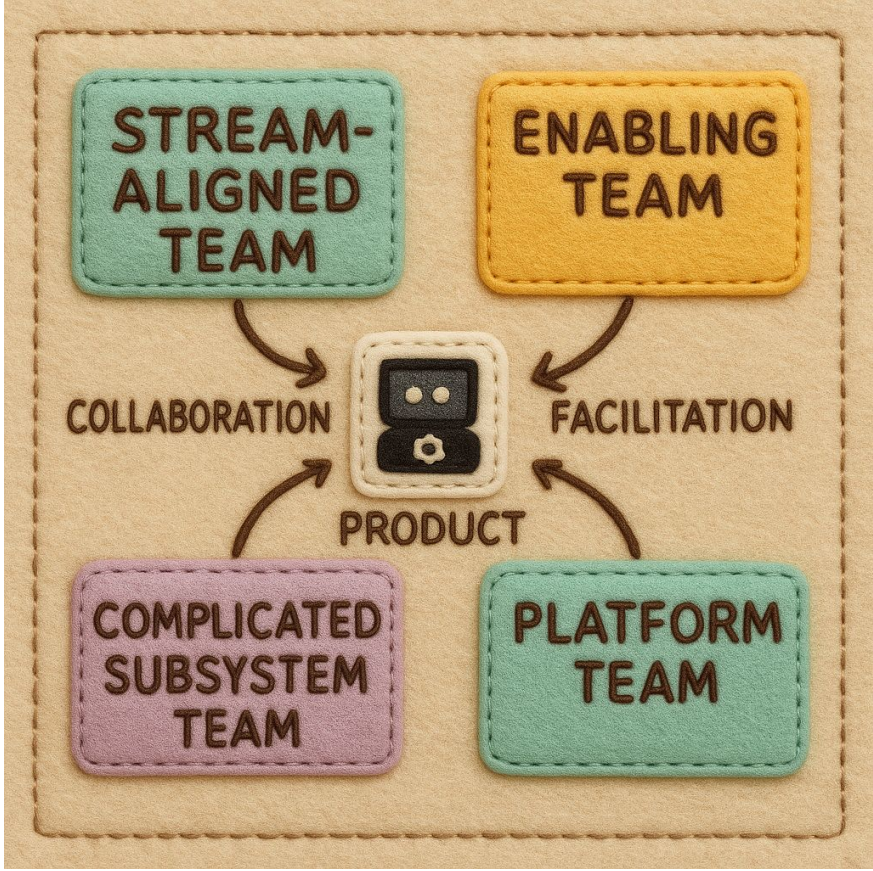
from silos to empowered product teams



Team Topologies

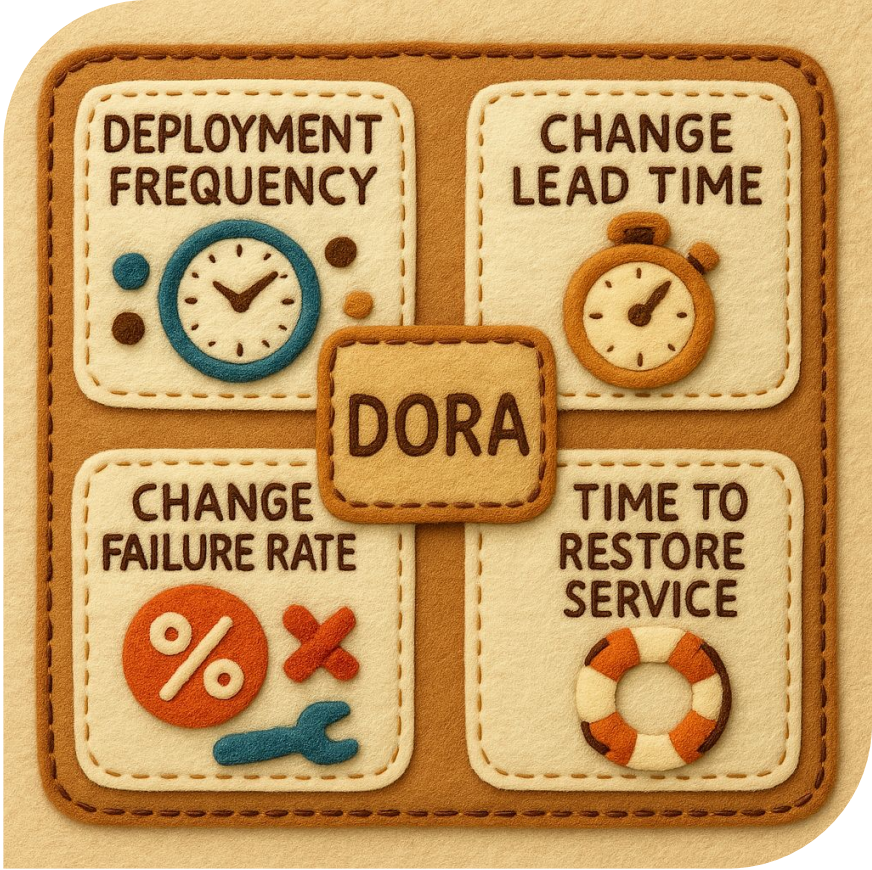
Matthew Skelton & Manuel Pais

team structures and ways to organize



Accelerate
Nicole Forsgren, Jez Humble & Gene Kim

measure success



Platform Engineering
- A guide for technical, product and people leaders
Camille Fournier and Ian Nowland



platform is software that replaces glue code

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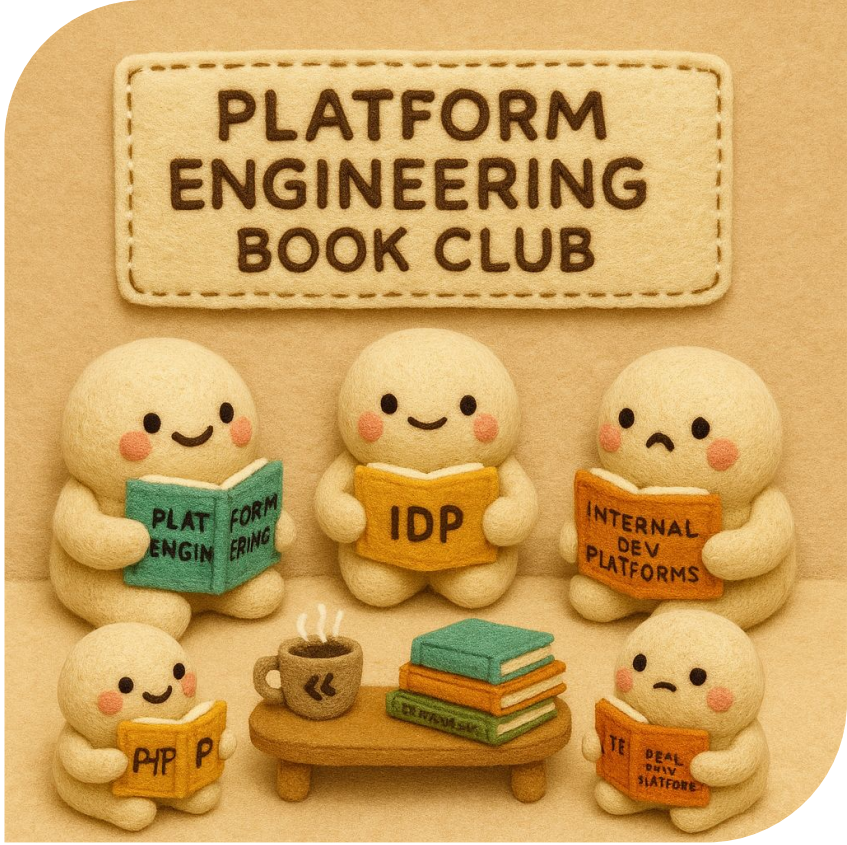


what could possibly go wrong?





your first platform









don't be the ops team

- abstraction
- onboarding
- self-serve
- empower



what could possibly go wrong?





platform problem









don't be the slasktratt

- vision
- anchor
- communicate
- iterate



what could possibly go wrong?





every problem


We have 99 problems


We now have 101 problems
We now have 101 problems
We now have 101 problems
We now have 101 problems
101





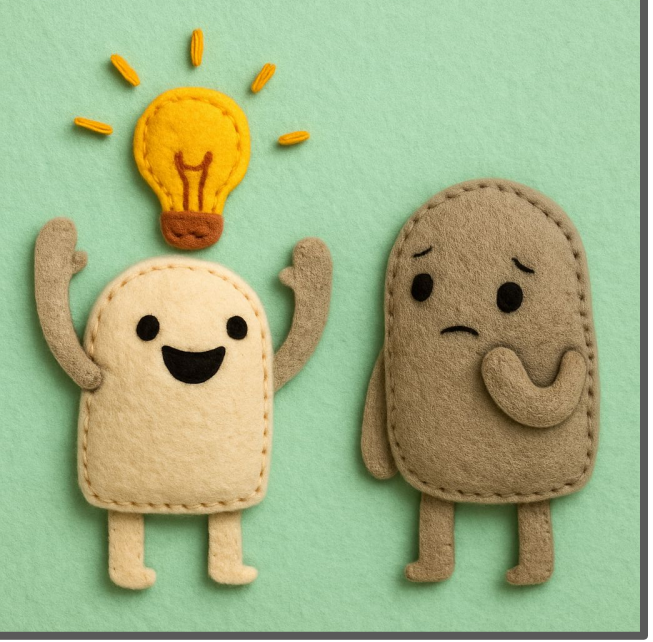
don't solve all problems with one solution

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



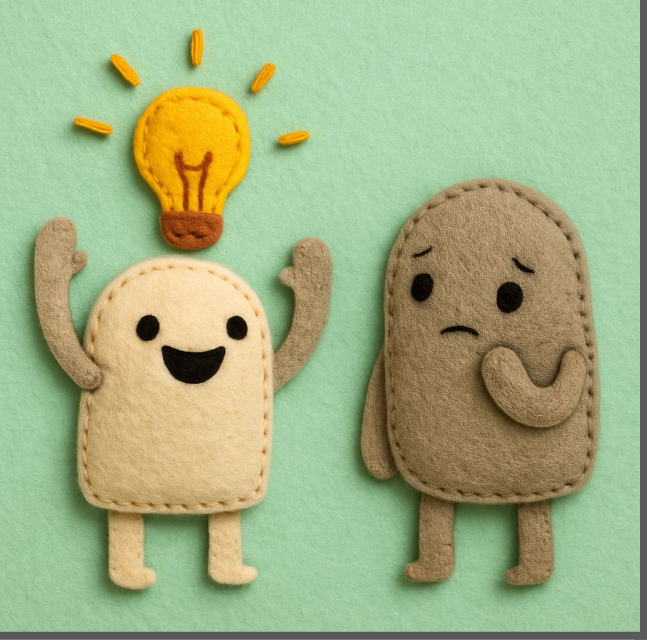
what could possibly go wrong?





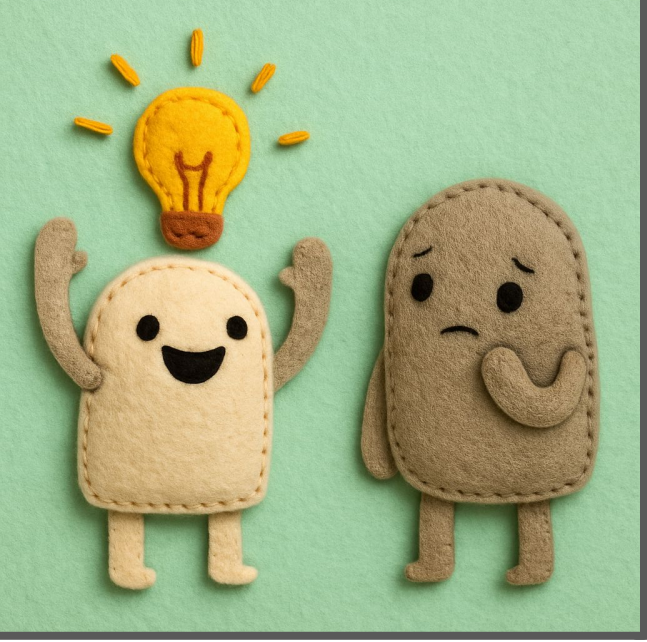
platform users









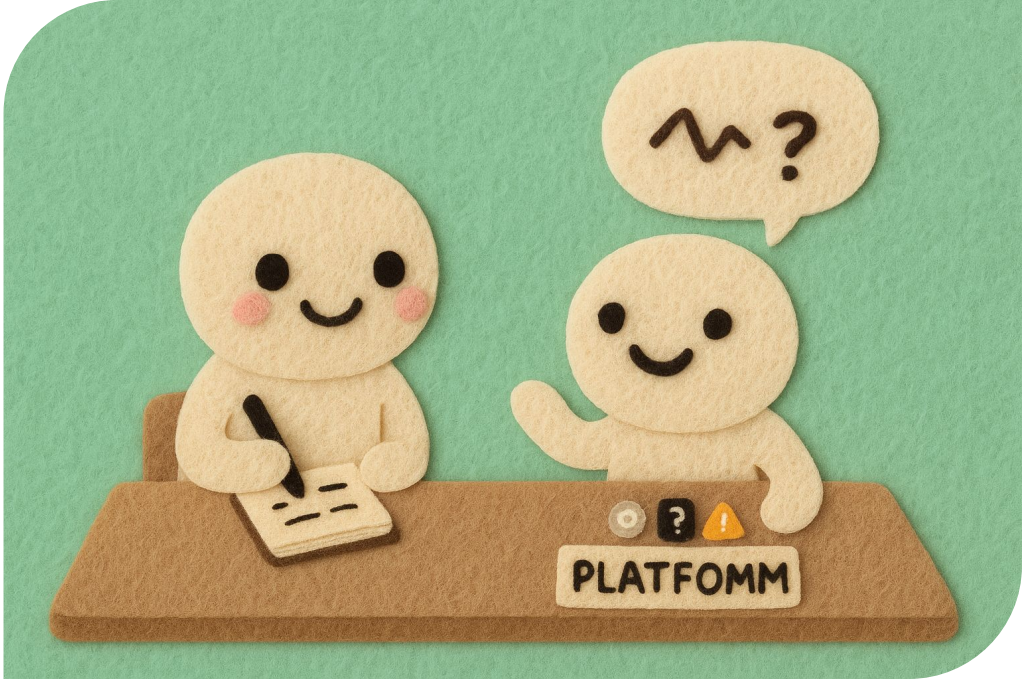






don't build what you think they want

- user centric
- platform as a product
- product manager



what could possibly go wrong?



platform migrations















don't die the death of a thousand migrations

- minimal impact
- automate
- heavy lift



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



1. empower developers
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everyone becomes a happy potato!





book club links

