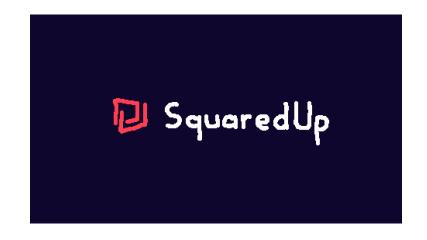
Beyond Observability

Aligning Technology Performance to Business
Outcomes

Who am I?







(slightreliability.com)



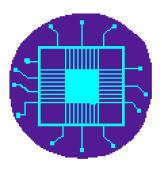




Agenda



How did we get here?



Monitoring other technology



Monitoring **teams**



Monitoring **customers**



Monitoring **business objectives**

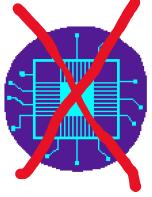


Does any of this fit into **observability**?

updated Agenda



How did we get here?



Monitoring other technology



Monitoring **teams**



Monitoring **customers**



Monitoring business objectives



Does any of this fit into **observability**?

How did we get here?





Saturation Traffic









Availability



Saturation Traffic









Availability Incidents Deploys







Saturation Traffic







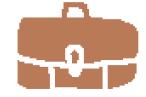


Availability Incidents Deploys Business +



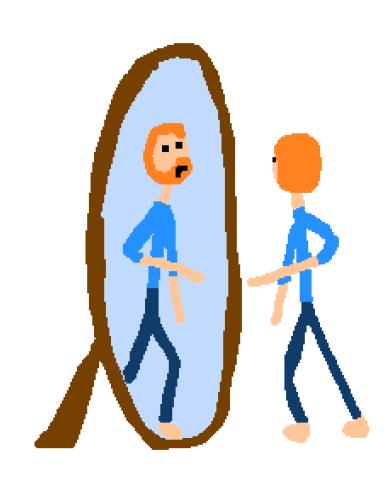






Pandora's box





Operational effectiveness



DORA metrics



DORA metrics



Daily

Recent deployments

36720 20230511.81 36707



Lead Time

4.62 hours

Copy of Lead Time

4.62 hours



Change failure rate





Change failure rate



Mean time to Recovery

8.35 Days







34 hours

Share

🖍 Edit









6

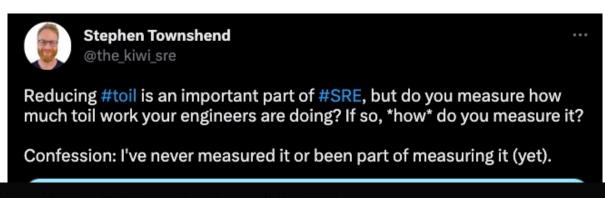
Shea Stewart (He/Him) • 1st

3w ***

Technologist working in SRE|DevOps|Platform|QA|Customer ...

One way that I've seen teams help get a sense of this is the use of labels on their issue tracking systems. Something like "unplanned work" or simply "toil" gives some sense over each sprint. Some planning tools will try to provide this automatically, but I prefer the human confirmation by using labels.

Like 🚯 1 Reply





Dom Finn @atomic_dom · Apr 20

Quantifying toil is another source of toil given the shape toil can take within an org. Ultimately trust and enablement as a beat practice to encourage SREs to fix things that bore them





(DORA)





detractors passives promoters

The Westrum Organisational Model

Pathological	Bureaucratic	Generative
Power oriented	Rule oriented	Performance oriented
Low cooperation	Modest cooperation	High cooperation
Messengers "shot"	Messengers neglected	Messengers trained
Responsibilities shirked	Narrow responsibilities	Risks are shared
Bridging discouraged	Bridging tolerated	Bridging encouraged
Failure leads to scapegoating	Failure leads to justice	Failure leads to inquiry
Novelty crushed	Novelty leads to problems	Novelty implemented

The Westrum Organisational Model

Reliability is about people

Pathologi

Power ori

Low coop

Messenge

Responsib

Bridging d

Reflecting back on over a decade of SRE practice and theory, the Enterprise Roadmap to SRE underlines the importance of culture, suggesting that Site Reliability Engineering is in fact emergent from culture. Tools and frameworks are important; language is essential. But only a trustful, psychologically safe culture can support the environment of continuous learning which enables SRE to manage today's complex, dynamic technology environments. DORA's research in 2022 demonstrates the interplay between culture and reliability: we found that "generative" culture, as defined by the Westrum model, is predictive of higher reliability outcomes. And reliability has benefits not only for a system's users, but for its makers as well: teams whose services are highly reliable are 1.6 times less likely to suffer from burnout.

e oriented

ation

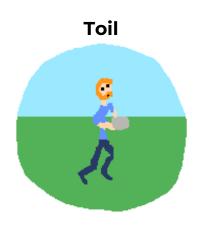
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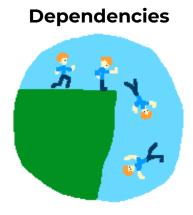
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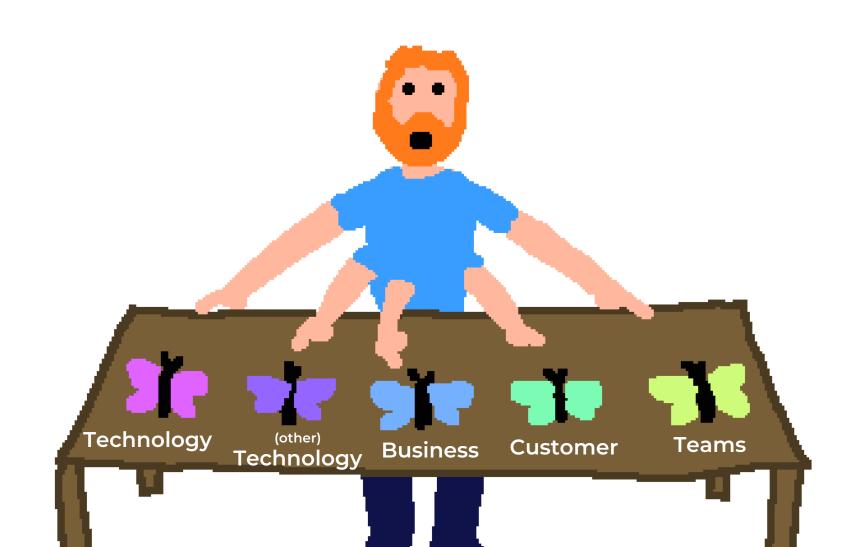




What does this have to do with SRE?



Summary



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slightreliability.com