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- SRE Resilience
- YouTube:
 - **@otherpeoplescomputer**
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SRE O11y Security Reliability Infra Tooling





Problem Management

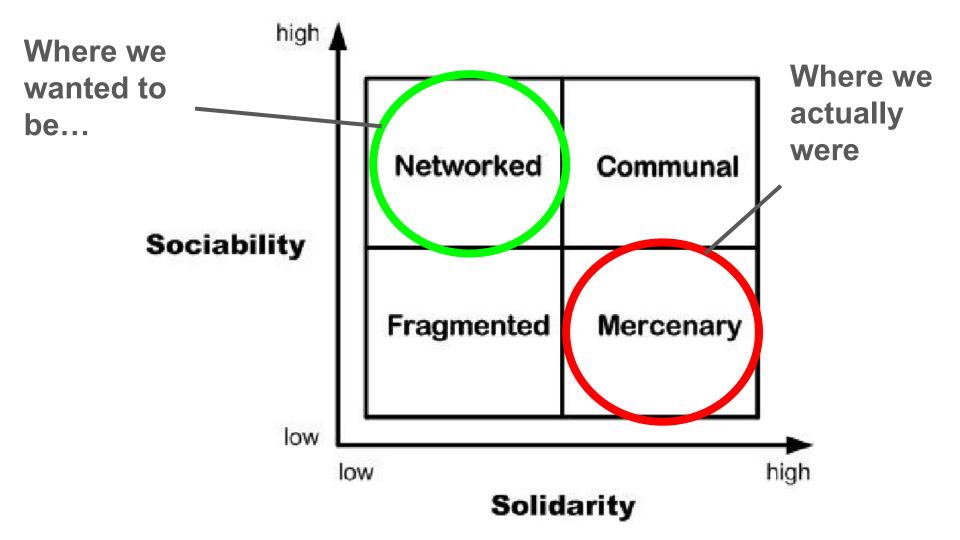
Incident Management

Aerung

Postmortems/RCAs









Dealing with the leftovers...

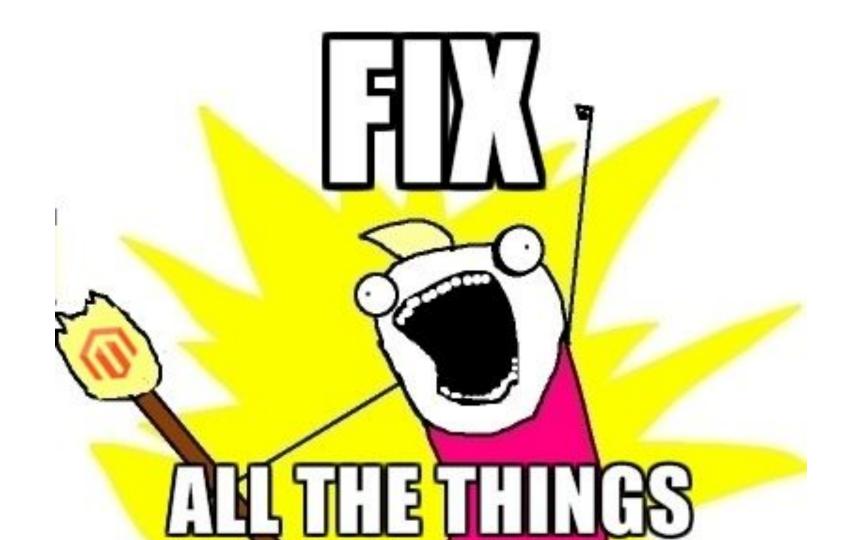


How many incldents did we have this week?

have this week? How can we read the RCA's?

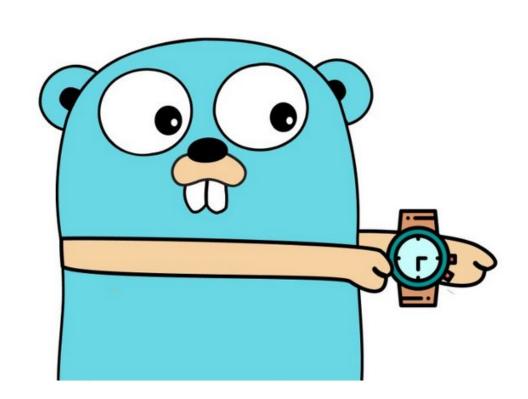
WTF Is going on?

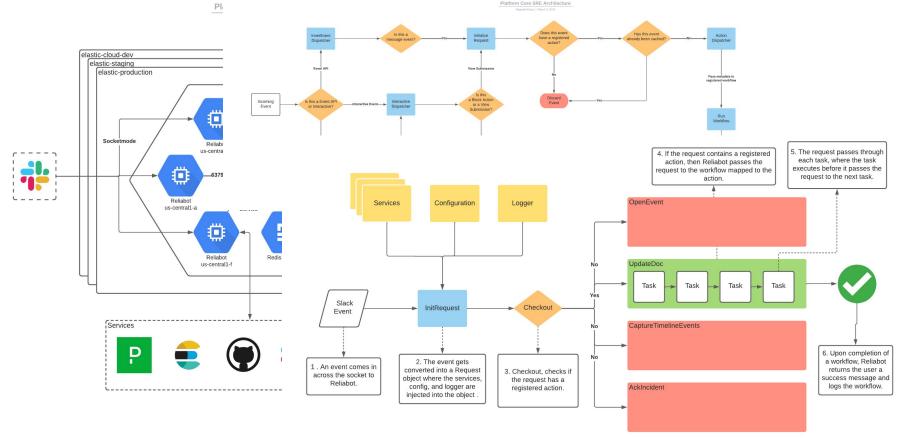




How the "Building" Went Wrong

It's Go Time

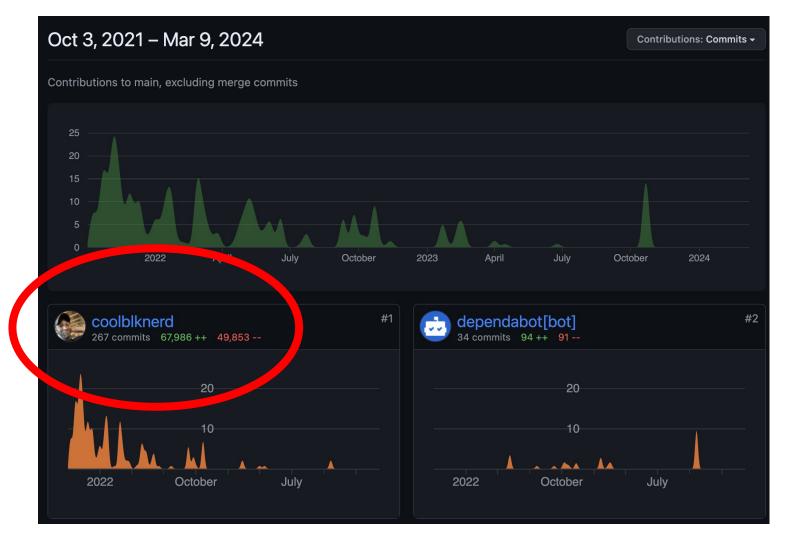












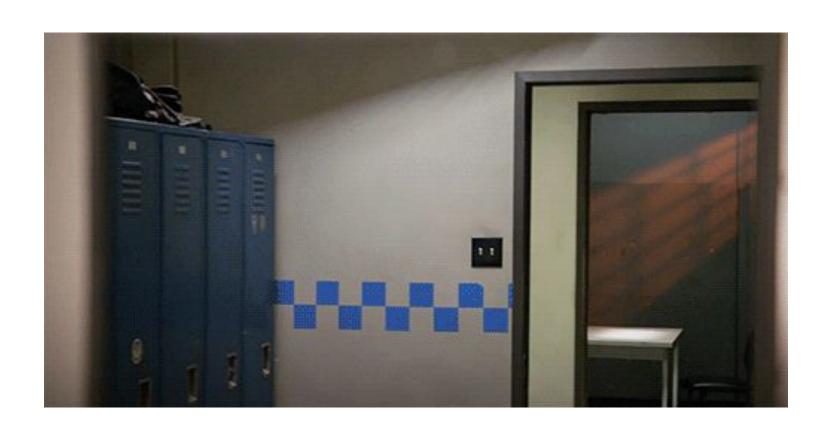




	New Problem	Old Problem	
New Tool	Slow	Moderate	
Old Tool	Moderate	Fast	



The Pivot





Google

Q.

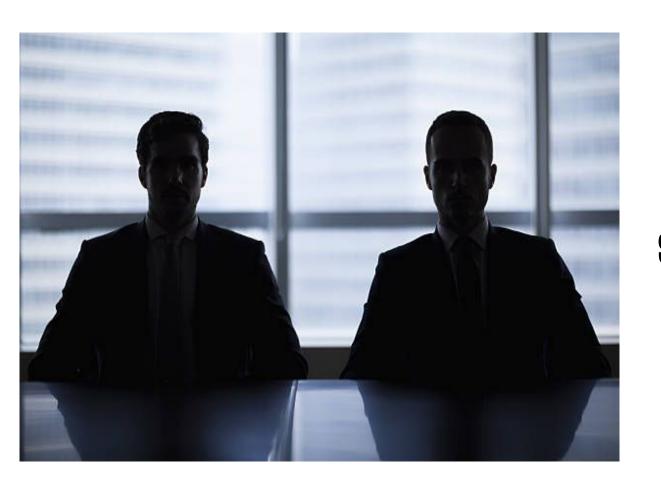
Google Search

I'm Feeling Lucky

No one will be here in 5 years_







Deliver value to our stakeholders within a quarter



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В	С	D		E	F
	Priority	As A(n)		I want	So that
	Critical *	User	•	An Incident to be created from a slack command	I can trigger an incident easily within Slack
	Critical 🔻	User	-	An Incident to be tracked with easily accessible/viewable data in real-time.	I can view the progress of the incident up to this point
1	Critical 💌	User	•	A Slack channel to be created with a custom naming convention related to the incident	We have a central point for discussing an incident
	Critical •	User	*	To be able to create a team/preset group of users to invite to an incident	I don't have to manually invite users individually
	Critical 💌	User	-	A slack channel to be archived when the incident/retro is completed	Manual toil of closing incident channels is eliminated
all" integration	Low -	User	•	To be able to check who is on call for a service in pagerduty	I don't need to open pagerduty to check this
С	Critical -	User	-	The tool to be able to sync/use the PagerDuty list of Services and Escalations	PagerDuty can be our source of truth for Services
Tracking	Medium ▼	Stakeholde	er 🔻	To be able to track the current incident roles (IE: Commander, Responders)	I know who to talk to about current incident status
e Entry	Critical •	User	*	To be able to save a slack message as a timeline entry, as well as update the timeline from Slack	I can manage my incident from within Slack
	Critical *	Stakeholde	er 🕶	To be able to view a list of all open incidents and their current status	I don't need to ping people to find out what incidents are ongoing
	High ▼	Stakeholde	er 🔻	To be able to view a concise, up to date incident summary	I don't need to ping people to find out what state an incident is in
lasticsearch	Low	Stakeholde	er 🔻	To be able to see our incident data visualized in Kibana alongside other potential datasources	I can see historic information about incidents
from IM Tool/Slack	Low	User	•	To be able to page users during the start of an incident	We can make sure the SRE on-call is aware when an incident is declared
ent	Critical -	User	•	To be able to declare the severity of an incident (e.g. Major/Critical)	Invested stakeholders are aware of the degree of impact and incident responders know what
	Medium ▼	User	•	To be able to see a checklist every X minutes after an incident starts	I know what my responsibilities are during an incident
d time	High ▼	User	•	To be able to set the start and end times of the actual incident if they differ from when the incident is created/close	We can have accurate reporting data of how long our incidents are taking
erated as a result of an incident	Low 🔻	User	*	To be able to record action items that can ideally be generated as GH or Jira tickets during the incident	We can make sure to assign follow up items
Incident	Medium ▼	Stakeholde	er 🔻	To be able to get a suggested severity of an incident based on the service and impact	There is consistency in how we calculate severity
ed timeline entries	Medium ▼	Stakeholde	er 🕶	To be able to hide timeline entries that are automated or irrelevant	I can have a more concise timeline that is easy to view, understand and share
k Teams to Incidents	Critical *	User		To be able to automatically add Slack Teams to incidents	I don't have to manually invite users individually
vices	Medium ▼	User			We don't have to manually invite a team based on the service
imilar	Medium ▼	User		56	We can Return to Service faster without needing to review external documentation
	Critical 🔻	User		To automatically be prompted for post-mortems and have them set up	Postmortems are handled as part of the Incident Tooling
	Medium ▼	User			We don't have to duplicate work by manually sending out updates to multiple channels.
	High ▼	User			We can manage StatusPage within the Tooling
	High 🔻	User		STATE OF THE PROPERTY OF THE P	We can link GitHub for both causes (code changes) and resolutions (Action Items)
	High 💌	User			We can link Jira tickets for action items
	Medium ▼	User	•	To be able to add custom fields	We can capture Elastic-specific data that is important to us.
ields c	on Incident Opening/Clos		Medium ▼ User	Medium ▼ User ▼	Medium ▼ User ▼ To be able to add custom fields

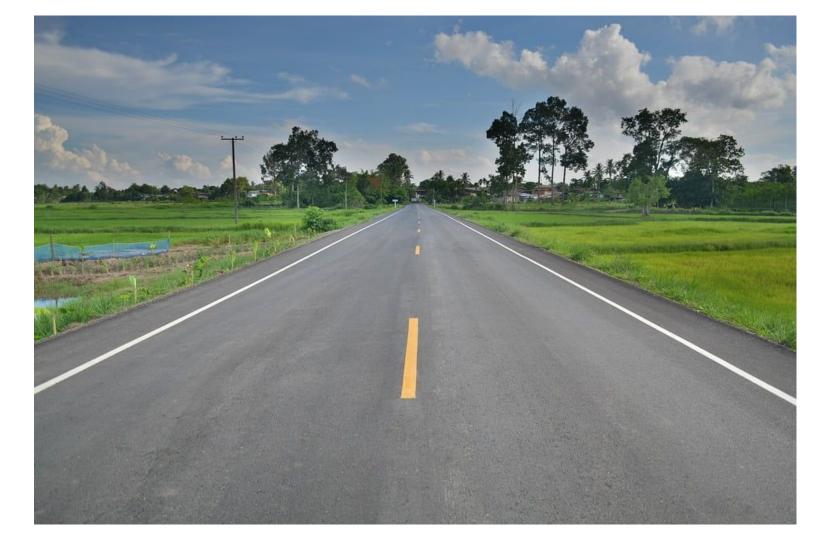


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Don't reward the code, reward the solution

Understand what kind of road you're paving.





Accept your reality before trying to build a new one



Thank you for your time!