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Observability Is a Platform Problem Now: Closing the AIOps Loop with Argo CD & GitOps

Hilliary Lipsig and Luke Philips

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EXPERT INSIGHT

Observability in the AI-Native Era

Leveraging AIOps to build, observe, and operate resilient systems



Foreword by:
Max Körbächer,
CEO of Liquid Reply,
CNCF Governing Board Member



Hilliary Lipsig | Andreas Grabner
Robert Rati

<packt>

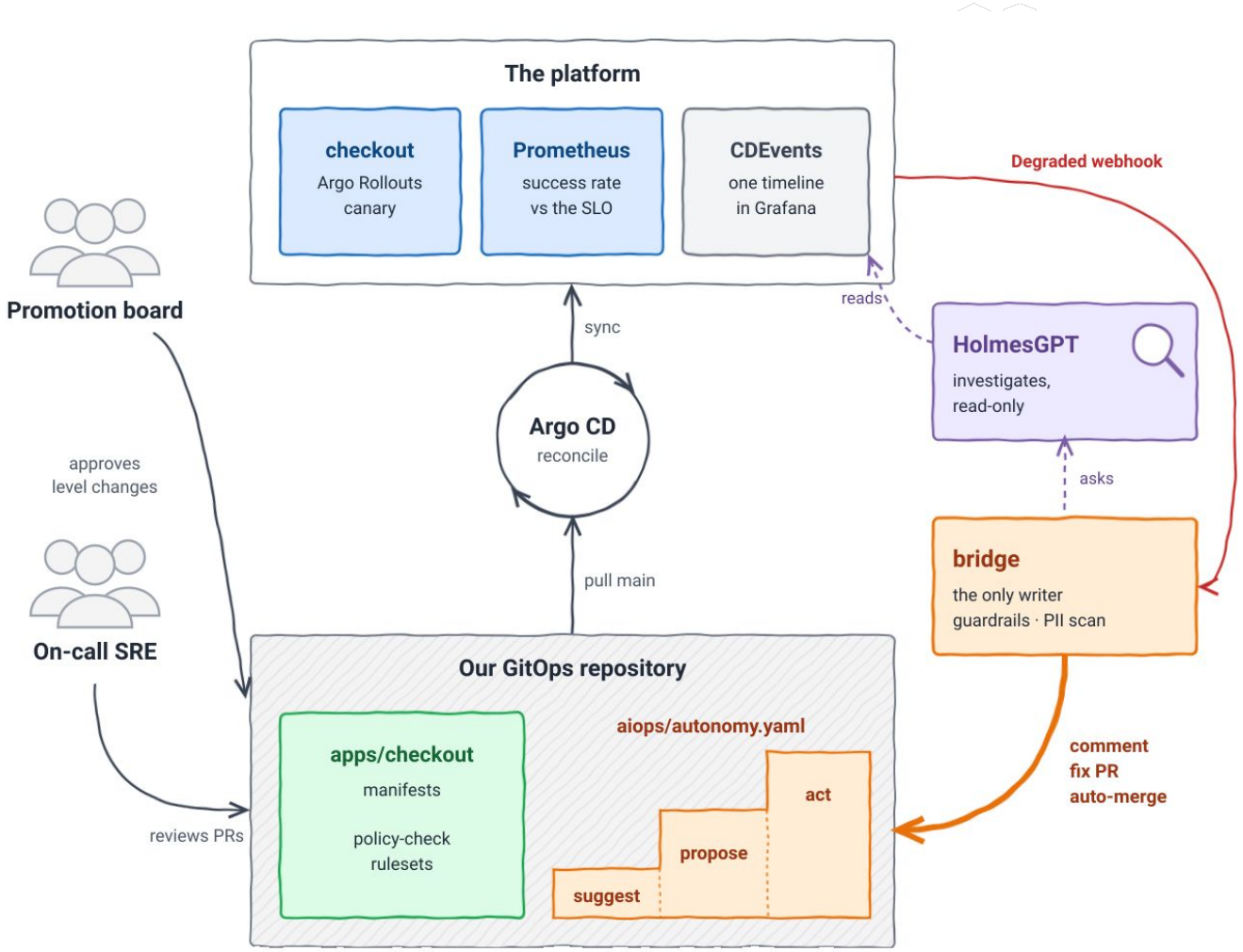


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Demonstratie!

SUMMARY

- **Argo Rollouts analysis** -- the canary's success rate is checked against the SLO, so a bad change stops at the canary
- **Argo CD Notifications + CDEvents** -- delivery events on the same timeline as the error rate; Degraded becomes a webhook
- **HolmesGPT, read-only** -- investigates with kubectl, Argo CD, Prometheus and the timeline; it cannot change anything
- **The bridge** -- the only writer; every agent action is a comment or a pull request, never a cluster write
- **aiops/autonomy.yaml** -- the trust ladder (suggest → propose → act) is a file in Git, raised and lowered by a reviewed PR
- **policy-check + GitHub rulesets** -- auto-merge only inside guardrails that GitHub enforces, not the agent
- **Trust metrics** -- dry-run accuracy and human touch-points decide when the agent earns the next rung



github.com/argo-multiverse-labs/argoconna26/

Learn More





Luke's Talks



Contact:
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Hilliary's Talks

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Join **#argo-cd** in CNCF slack *@luke @hlipsig*

Thank You!

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Feedback:



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