



CENTRALIZED COMPLIANCE

Automated Governance Inside of Backstage Developer Portals
By Daniel Hagen & Amber Beasley





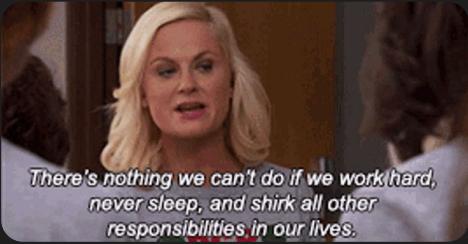
MEET THE TEAM.



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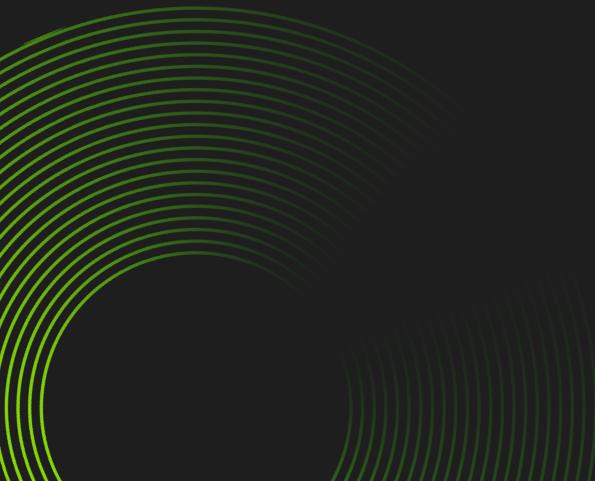
WHY COMPLIANCE IS A **NIGHTMARE** .

- Manual compliance checks = stressful, error-prone, and inconsistent.
- Keeping up with policies feels like playing "whack-a-mole."
- It's a losing battle to keep the information up to date

Wouldn't it better if we automate this?



AUTOMATED GOVERNANCE TO THE RESCUE.



What if your CI/CD pipeline did the heavy lifting for you?



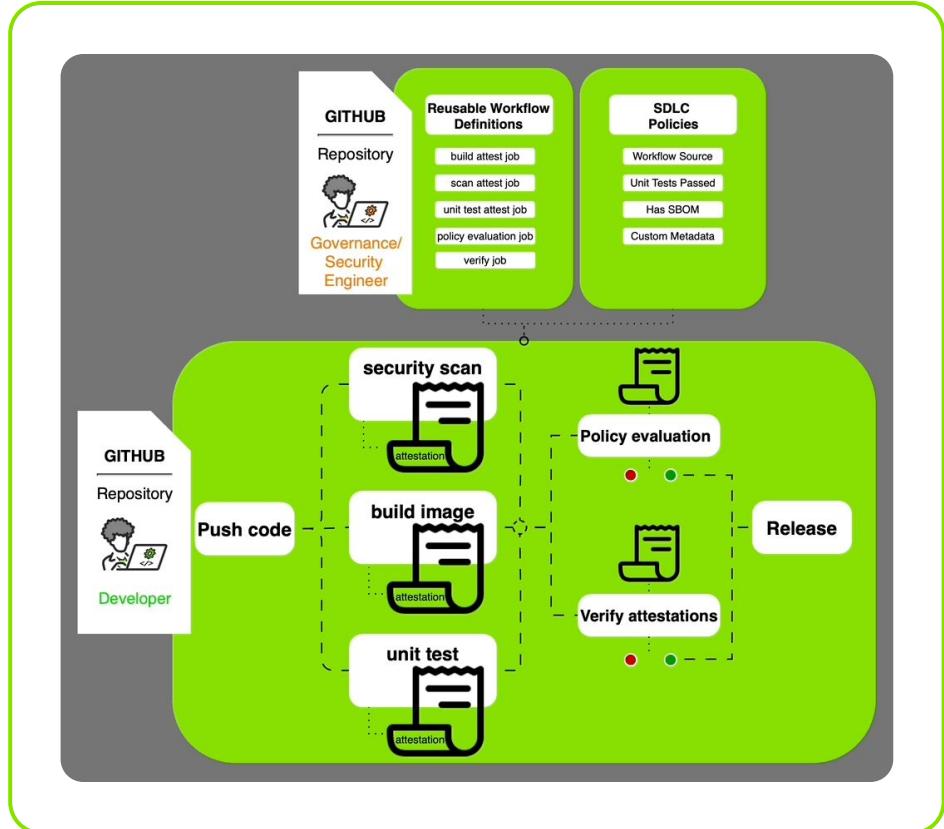
Automated checks, real-time policy enforcement, consistent location & format of results.



Compliance that just happens.

HOW IT WORKS.

- Code pushed → Pipeline kicks off
- Attestations (receipts) for build & CI events created and collected
- Governance checks (policy verifications) happen automatically against the receipts
- Your pipeline passes  or fails  depending on the governance checks



WHAT ARE WE CHECKING FOR?

"Scanning, testing, build environment and more!"

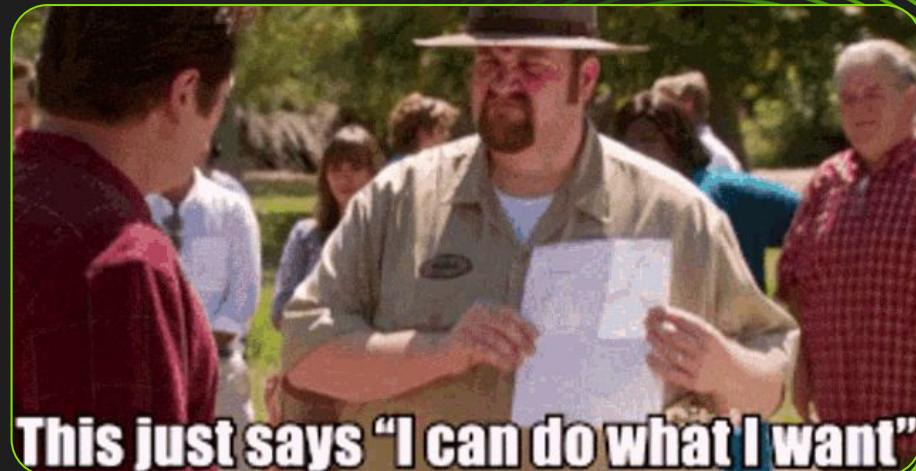
- Security scans (e.g., vulnerability checks in Docker images)
- Code quality checks (linting, static analysis)
- License compliance (so you don't accidentally ship GPL'd code when you shouldn't)
- Automated policies = fewer manual mistakes



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Demo 1

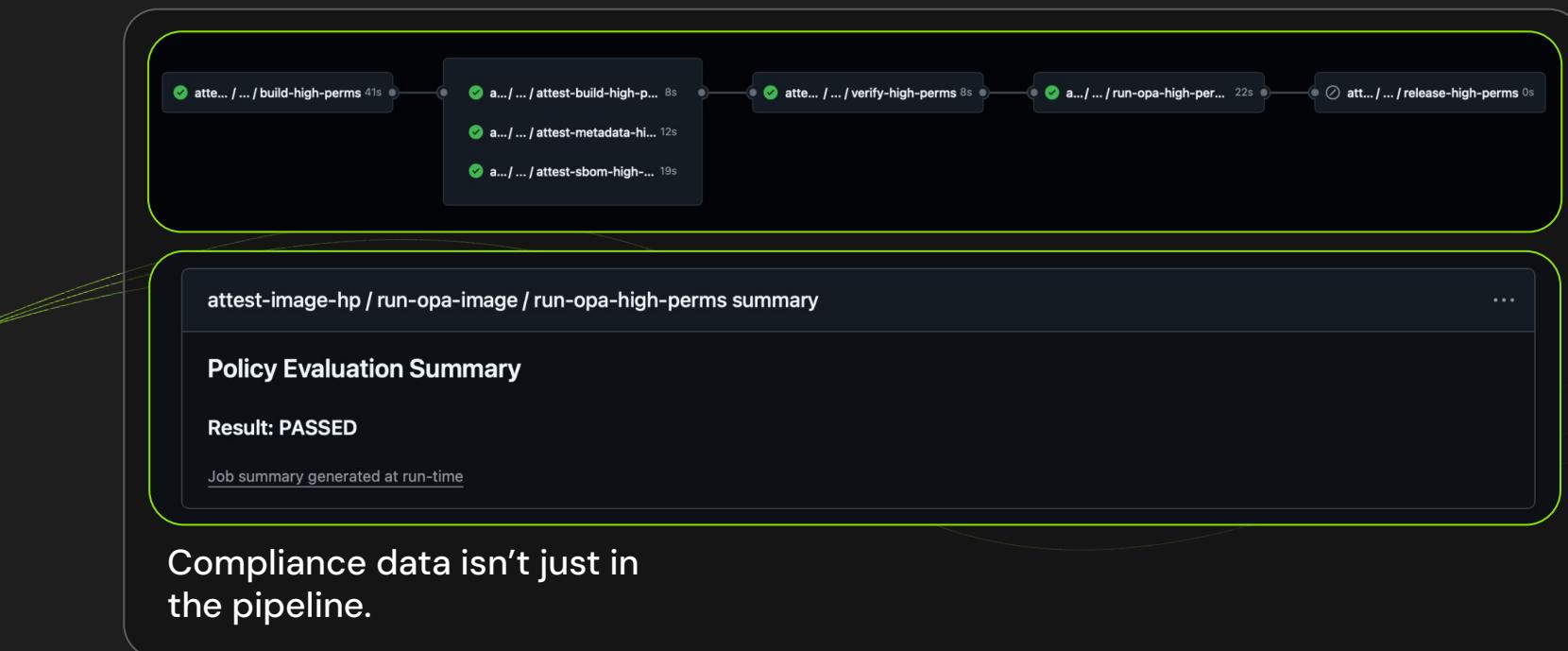
AUTOMATED GOVERNANCE IN ACTION .

Let's dive into a GitHub workflow with automated governance checks

-  Watch for the receipts (attestations) created for the events in the workflow
-  Watch for the policy evaluation check those receipts



BUT WAIT, THERE'S MORE.



BUT WAIT, THERE'S MORE.

With a centralized developer portal (Backstage), you can see the status of compliance checks for service.



GitHub Releases

Release version	AutoGov Status	Failed Policies
v0.10.1 ↳ v0.10.1	PASSED	none
v0.10.0 ↳ v0.10.0	PASSED	none
v0.9.8 ↳ v0.9.8	PASSED	none
v0.9.7 ↳ v0.9.7	PASSED	none
v0.9.6 ↳ v0.9.6	PASSED	none

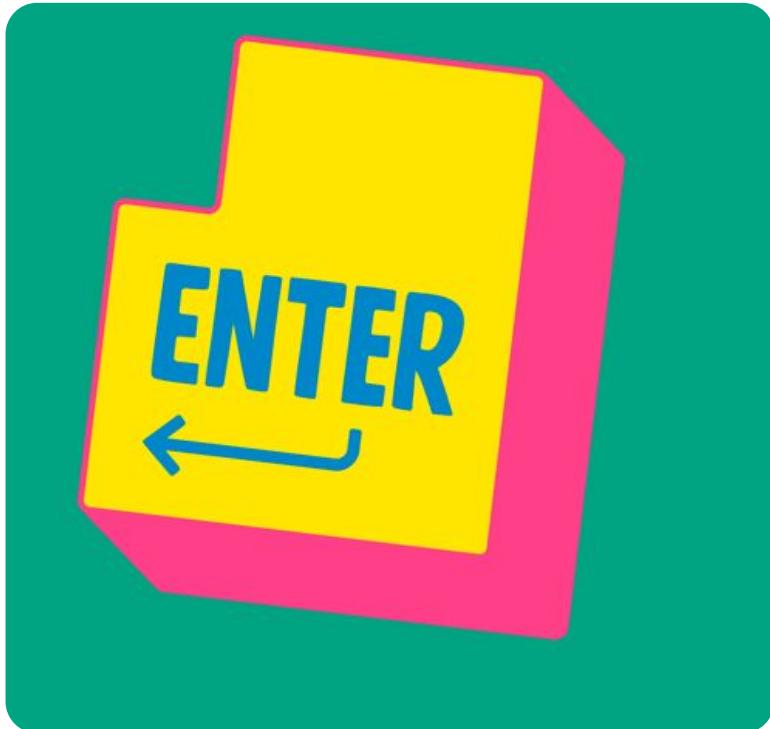
[Releases →](#)

Demo 2

AUTOMATED GOVERNANCE, BUT MAKE IT VISIBLE.

Let's add the plugin to Backstage:

-  Watch for release versions listed in the releases card have the results from the pipeline
-  Watch for the quick PASSED/FAILED value of status
-  Watch for failed policy list and info button



WHY CENTRALIZED COMPLIANCE IS AWESOME !

Transparency:

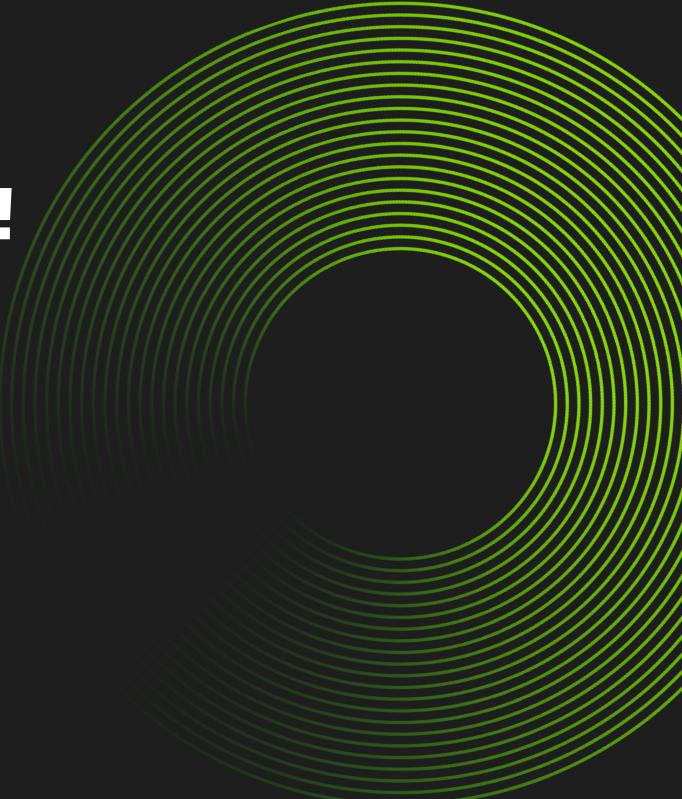
Everyone can see the status of each service.

Reusability:

Why reinvent the wheel? Use already-compliant services!

Peace of mind:

Know that compliance is being automatically enforced.

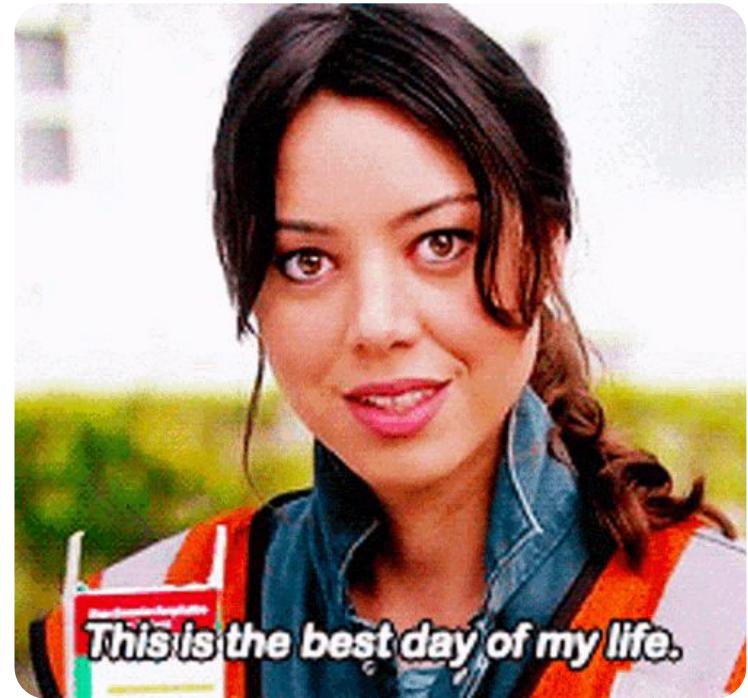


WHAT DID WE LEARN **TODAY ?**

Automated governance makes compliance easy and error-proof.

Backstage developer portals bring everything together.

You can see governance status, find compliant services, and be confident in what you're building.



READY TO AUTOMATE COMPLIANCE



- Start integrating governance into your pipeline today.
- Set up Backstage for centralized compliance visibility.
- Automation is your friend—make it work for you.



THANK YOU!

Q&A coming up next!





**ANY
QUESTIONS
?**





CONNECT WITH US!



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