

# Navigating the Nuances of GitOps in an Enterprise Environment

The art of simplicity

# \$ whoami

Bernard Halas

Present:

- Berops founder
- DevOps engineer
- [github.com/berops/clauidie](https://github.com/berops/clauidie)

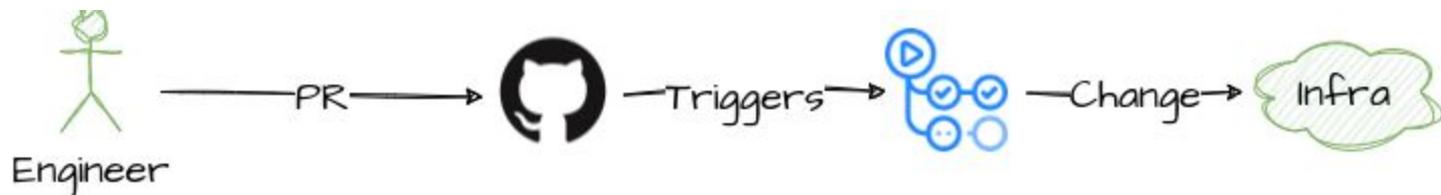
[dot.cards/bernardhalas](https://dot.cards/bernardhalas)



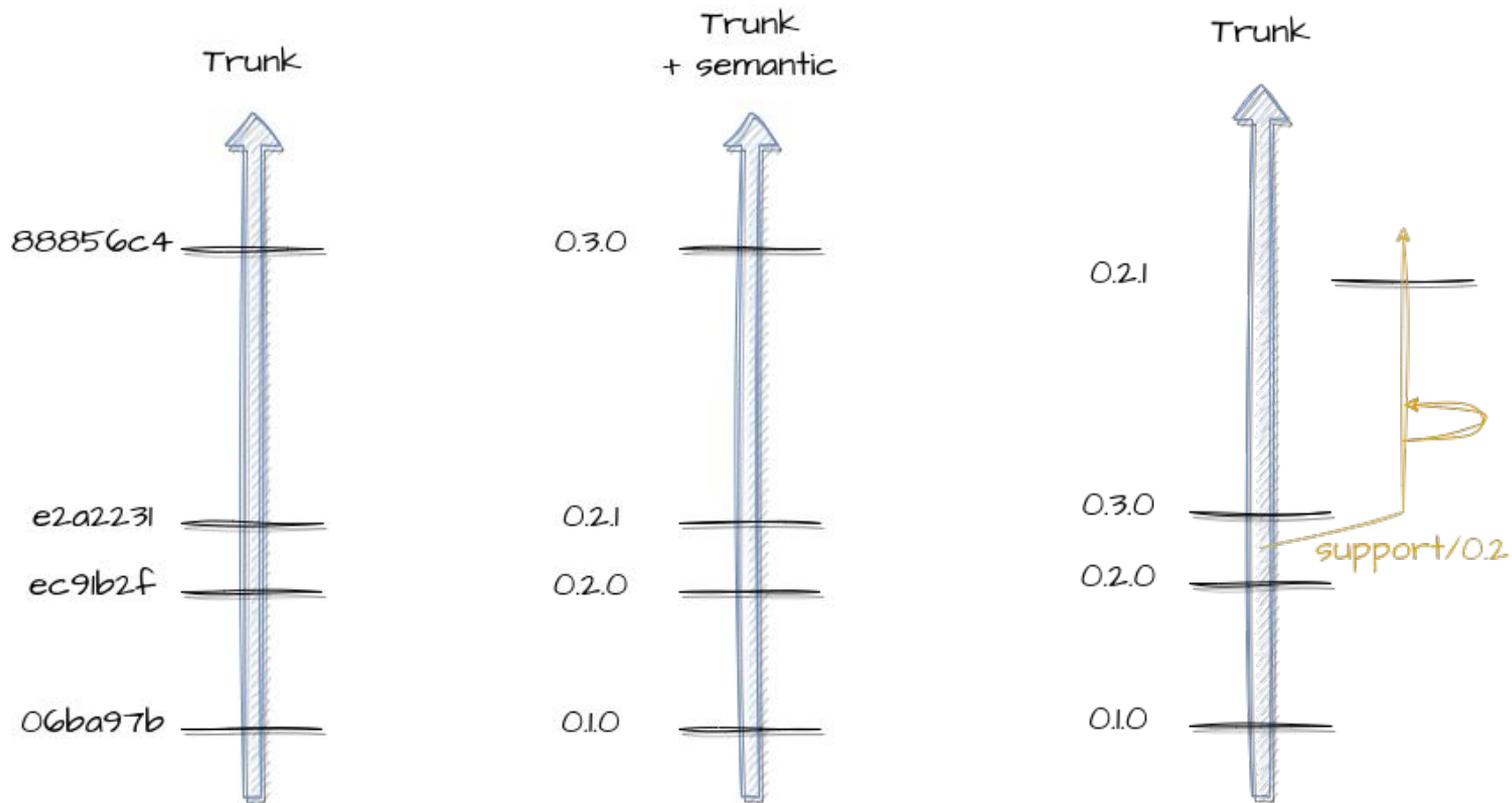
# GitOps



# GitOps

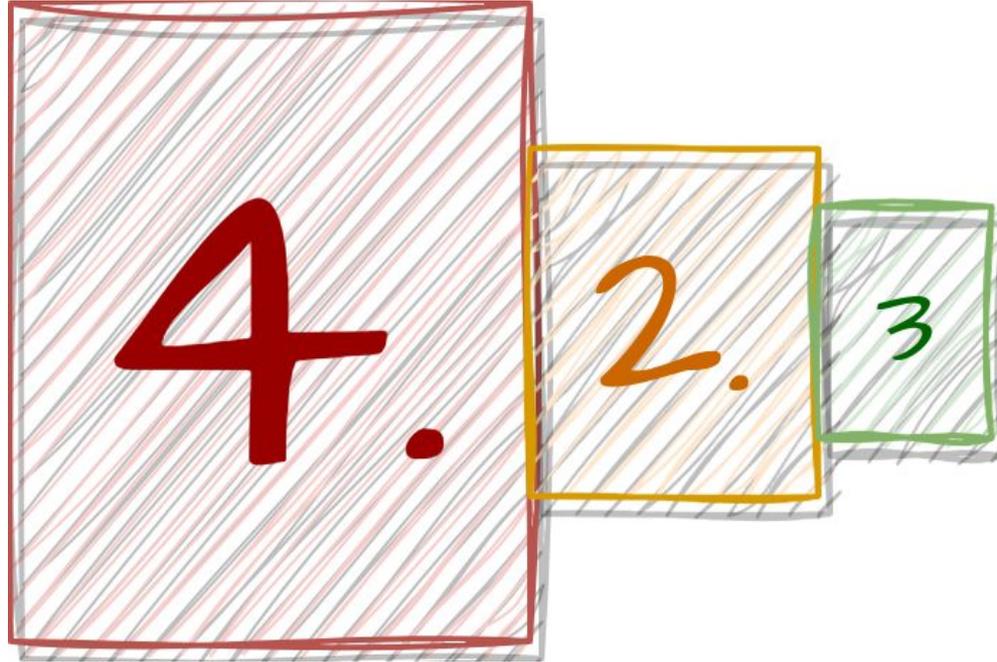


# Version control I.

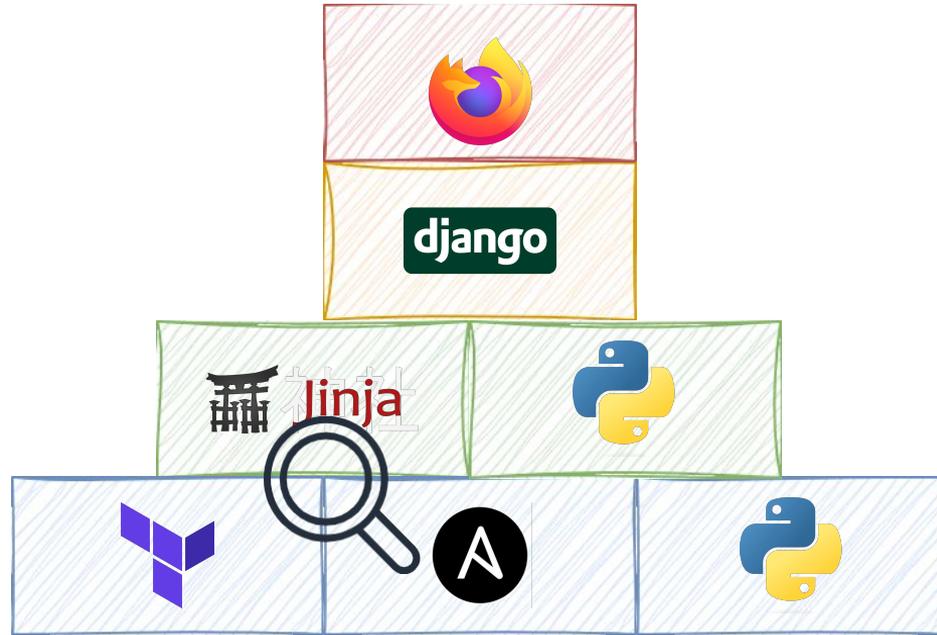




# Semantic Versioning

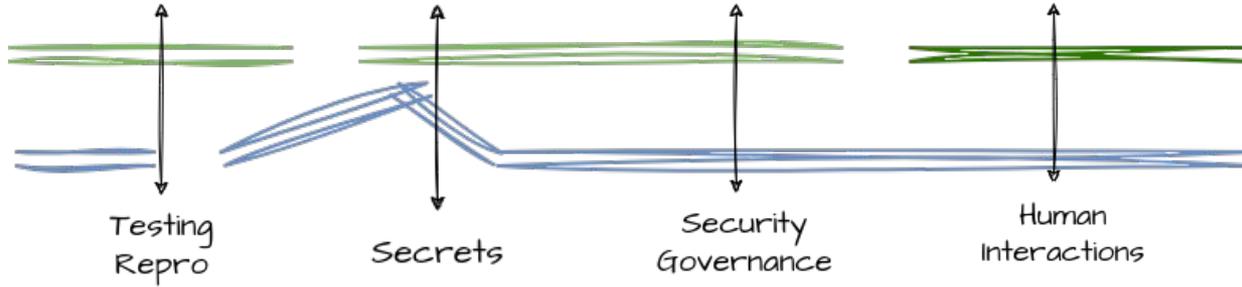


# Layered architecture



# Interfaces

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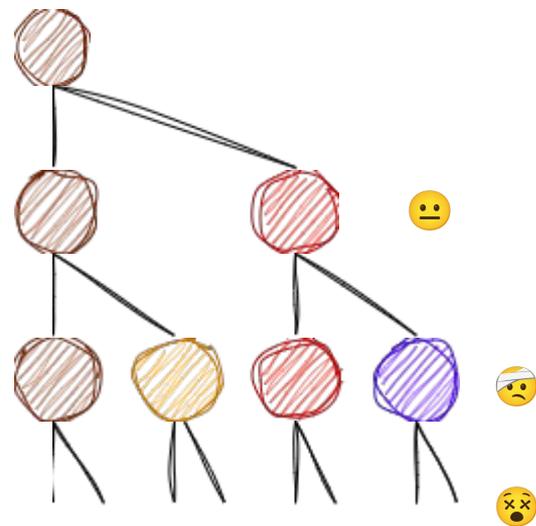
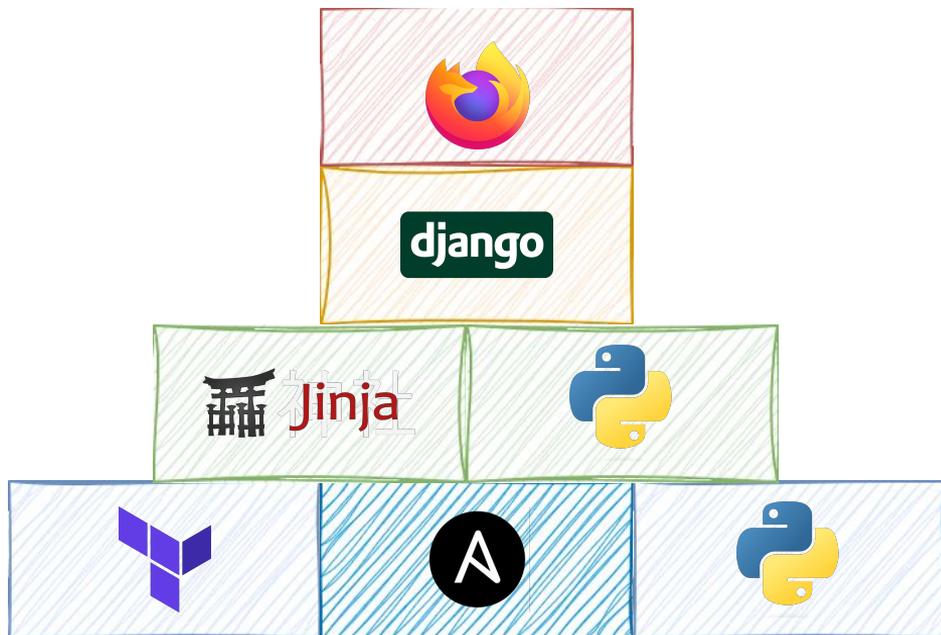
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# Agility

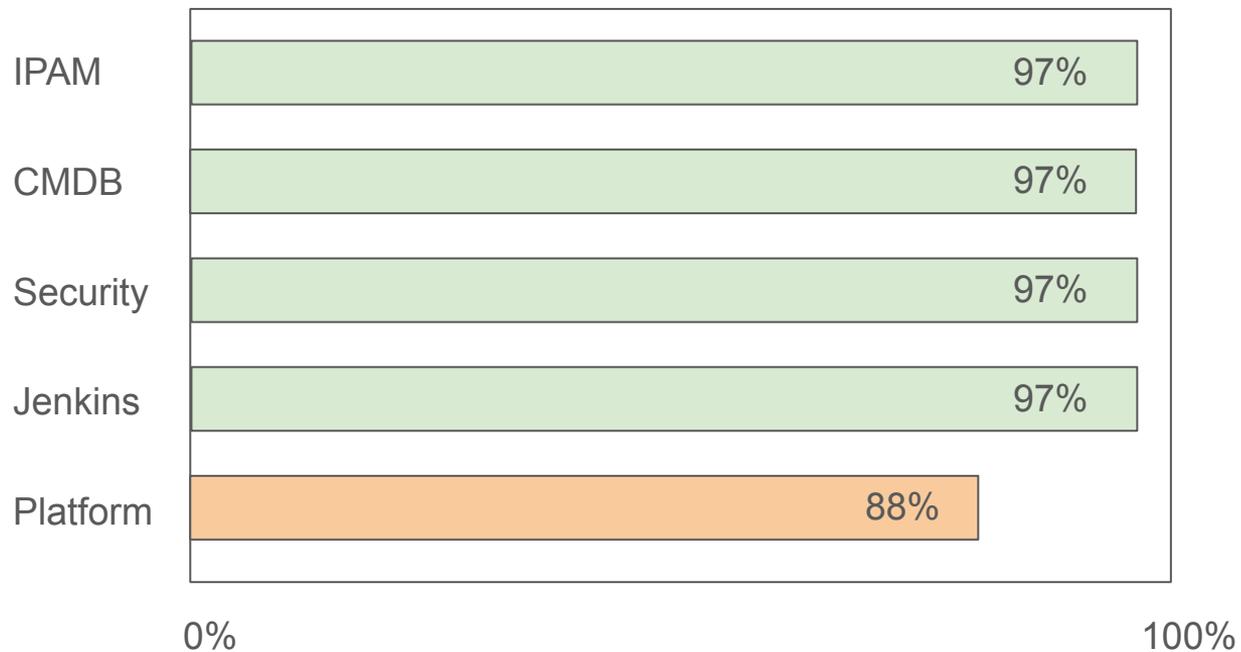


# Roll-outs



# Dependency API calls

Service availability



# Challenges of GitOps in Enterprise

- Component ownerships
  - Every hop across teams has costs
  - Teams have their own priorities, their own backlogs
- Custom API calls
  - Legacy stack, 3rd party solutions
  - Reliability suffers
- Specific Governance and Compliance requirements

# Human aspects



# Takeaways

1. Empower the teams
2. As much as necessary, as little as possible
3. Start simple, add complexity gradually
4. Release little, release often
5. Manual step is not the end of the world



Thank you