

GitOps Days

Security & GitOps

Presented by Maya Kaczorowski, Product Manager, GitHub

 @mayakacz  @MayaKaczorowski



Maya Kaczorowski
Product Manager,
Software Supply Chain
Security
GitHub

DevOps

DevSecOps

GitOps

GitOps

Infrastructure as code

Config as code

Policy as code

\$thing as code

GitOps Security

Immutability

Single source of truth

Developer velocity

40 days

Mean time to remediate (MTTR)
for repos with Dependabot security updates

180+ days

Mean time to remediate (MTTR)
Industry norm

GitOps improves the **security** of...

- Code and what's in code
- How changes are made to code
- How changes are made to production

GitOps improve the security of code and what's in code

- Declarative and absolute
- Easy to diff or audit

GitOps improve the security of how changes are made to code

- Versioning
- Commit history -> audit trail
- Signed commits -> accountability

GitOps improve the security of how changes are made to production

- One way to deploy -> one place to audit and enforce

GitOps Security

