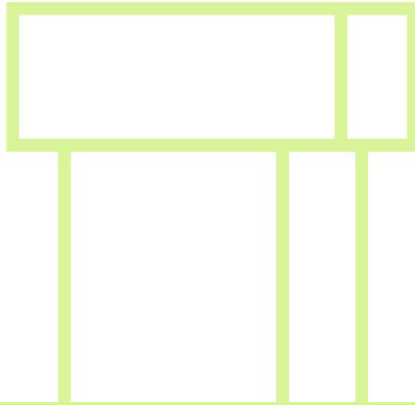
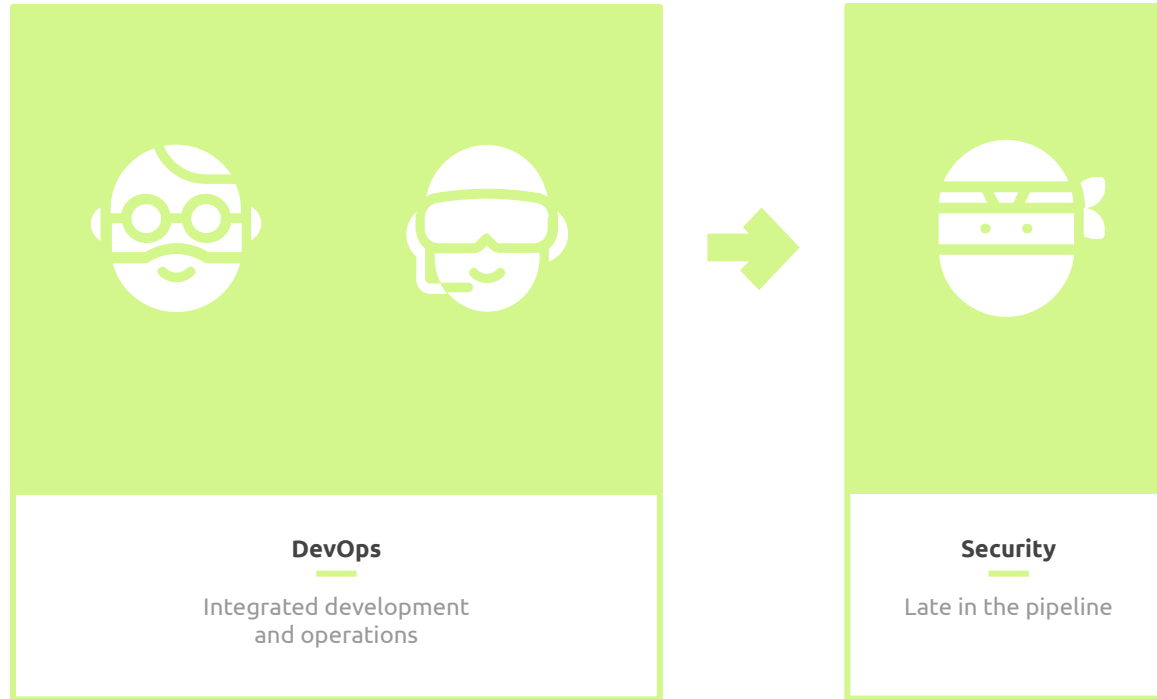


The story of the Pipeline Predators

A DevSecOps Saga



DevOps - Security



Main problems



SECURITY

Security review came too late



INFLEXIBLE

Lack of flexibility

**“Shifting our mindset to
DevSecOps enabled us to do
the Kessel run in less than 12
parsecs”**

—Chewbacca, Chief Spaceship Solutions Architect @TheFalcon



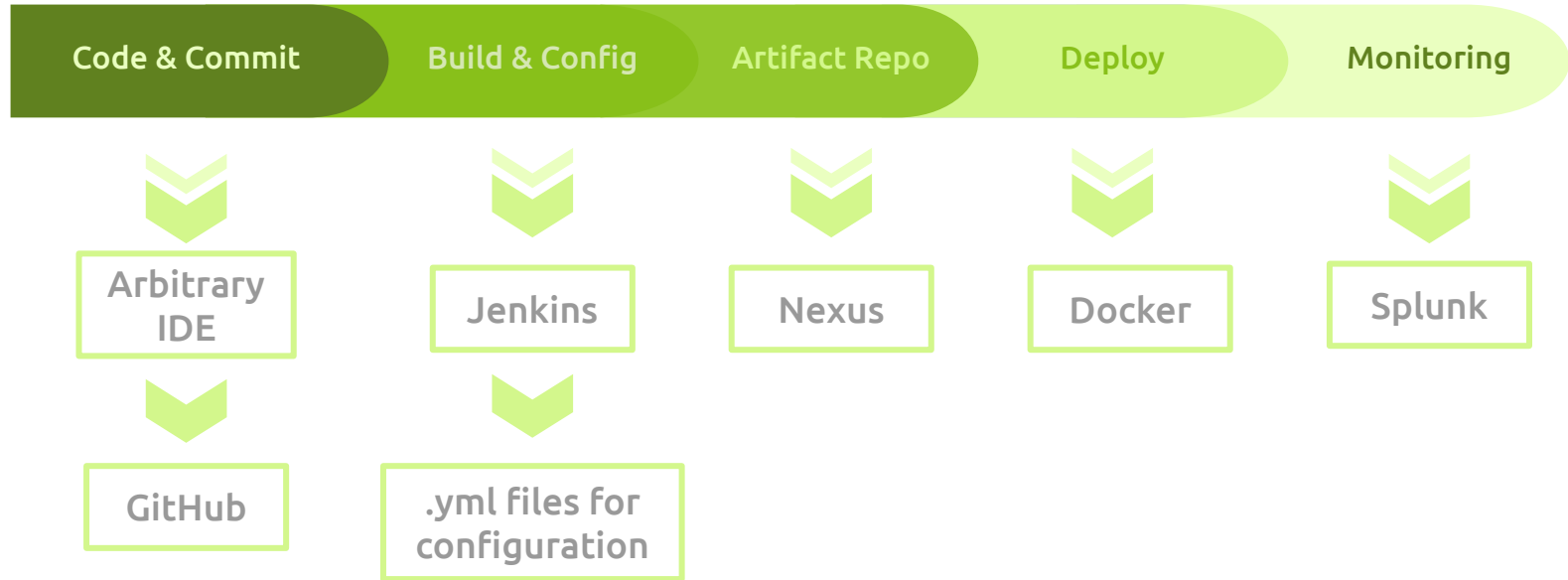
DevSecOps



DevSecOps

Fully integrated team

Team Pipeline Predators original pipeline



143,000,000

Number of persons affected by the Equifax leak

500

Lines of code on a microservice

13000

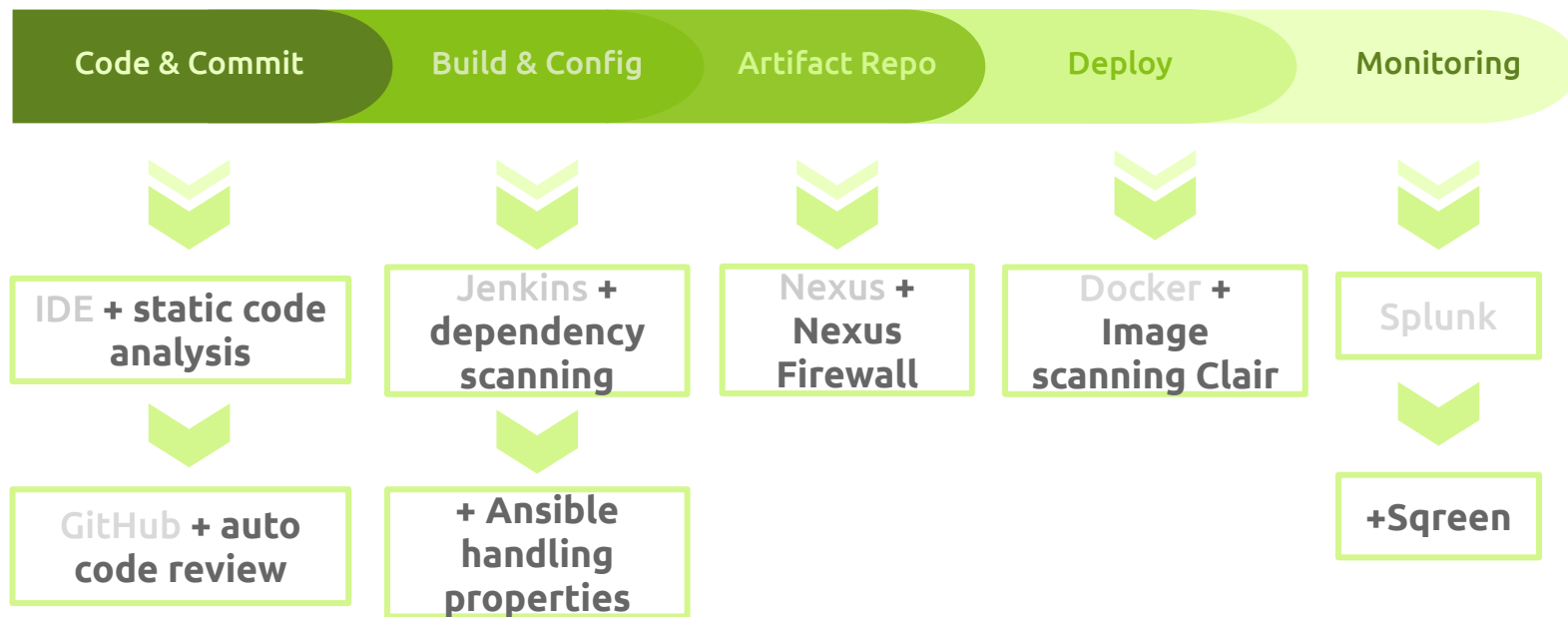
Lines from direct dependencies

189000

Lines from indirect dependencies

Note: Example based on a basic project making an assumption each dependency has 1000 lines of code...

Team Pipeline Predators new pipeline



Retrospective - Pipeline Predators

What went well

We delivered fast and on time
Dealing with changing
requirements
Integrating security team
Coding with security in mind

What didn't

Spending a lot of time
learning about security

More business, less
coding

Actions

Keep on exploring all the great
security tools out there

Have security team members
coach the rest on more security
practices



Integrated culture

Shift the team mindset to
incorporate security in the
development cycle

Thanks!

Questions?

Appendix - Links for the interested

- <https://www.tripwire.com/>
- <https://www.sqreen.com/>
- <https://github.com/quay/clair>
- <https://codeclimate.com/quality/>
- <https://xebialabs.com/the-ultimate-devops-tool-chest/security/>
- [9 great devsecops tools to integrate throughout the devops pipeline](#)
- <https://www.redhat.com/en/topics/devops/what-is-devsecops>
- [Snyk cheat sheet - GitHub security Best Practices](#)
- [Snyk cheat sheet - Docker Image Security Best Practices](#)

Credits

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