
AWS
re:Invent
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PRT090

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Global security at maximum velocity: Multi-Region and hybrid DevSecOps

William Manning

Solutions Architect/Solution Engineering Manager – Americas
JFrog



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William Manning

Solutions Architect/
Solution Engineering
Manager – Americas

@williammanning
@jfrog

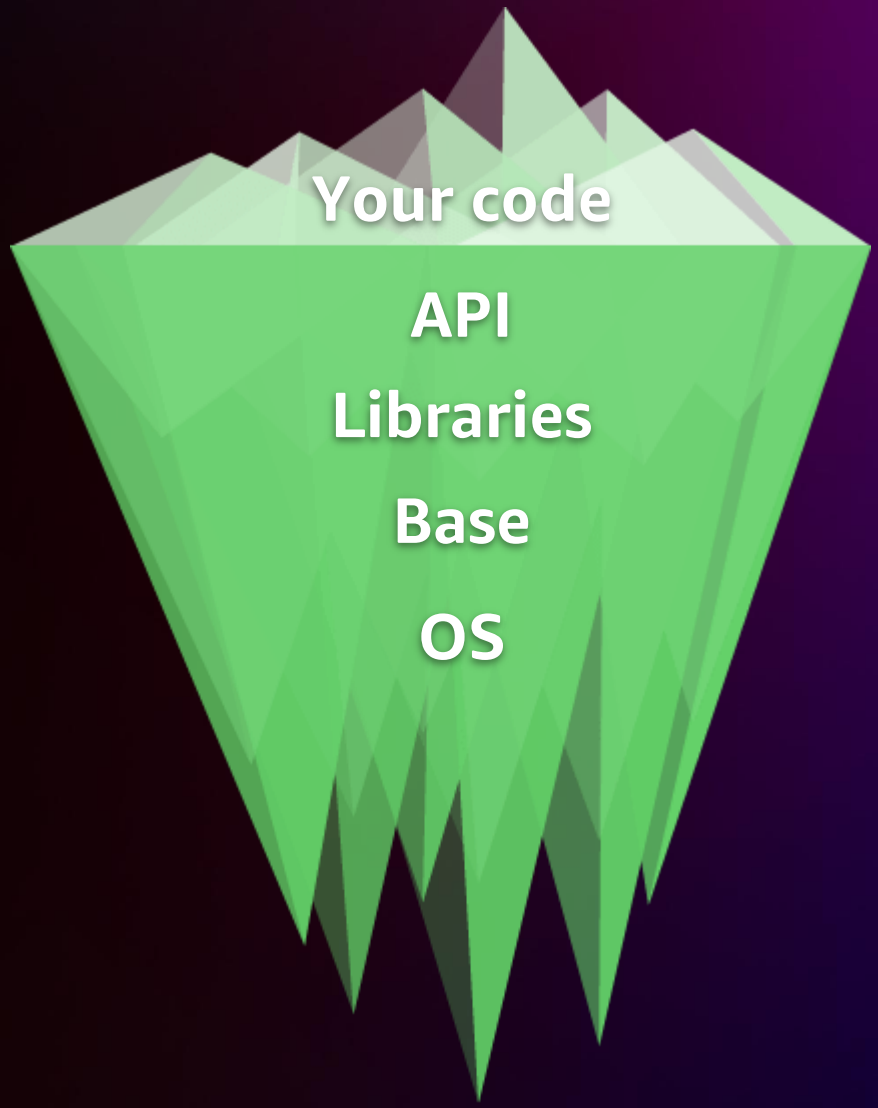
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Software supply chain security

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Open source and compliance

Most software is composed of **85–90%** open-source components



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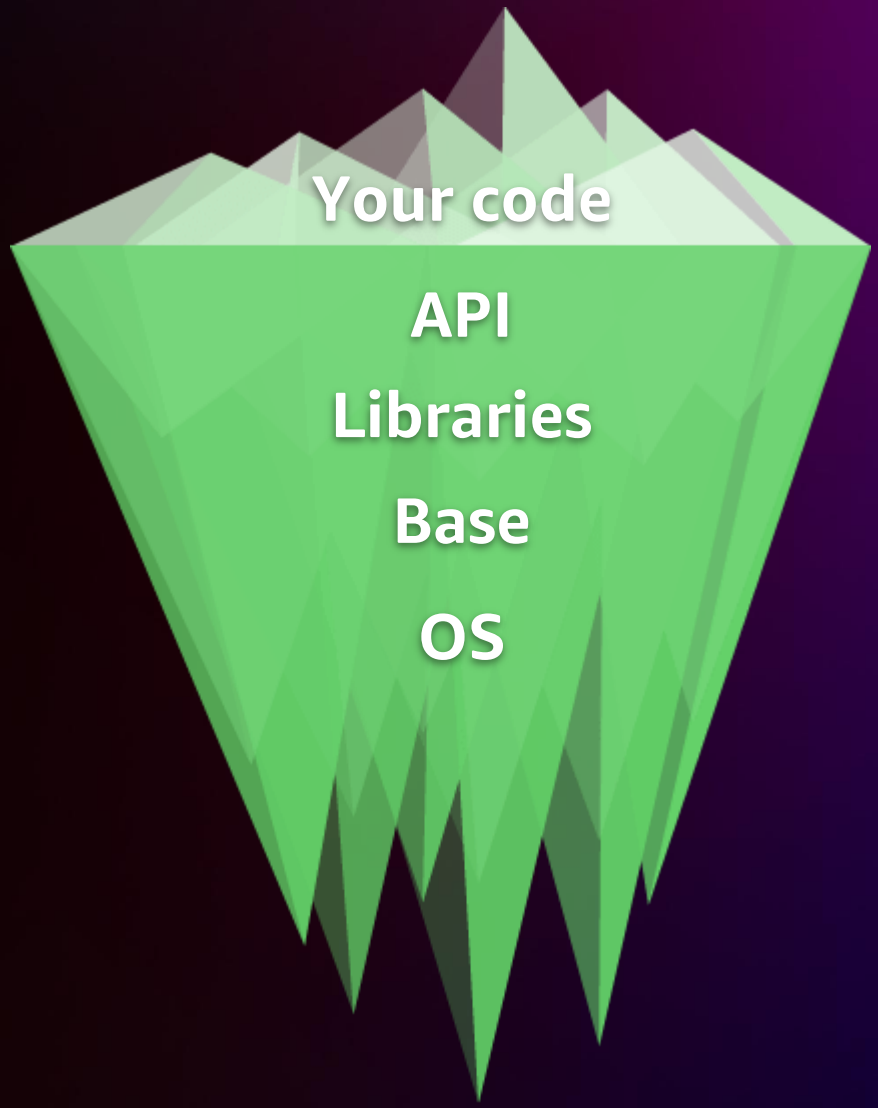
Every time you **pip install**, **go get**, or **mvn fetch** something, you're doing the equivalent of plugging a thumb drive you found on the sidewalk into your production server.

Dan Lorenc

Founder/CEO at Chainguard

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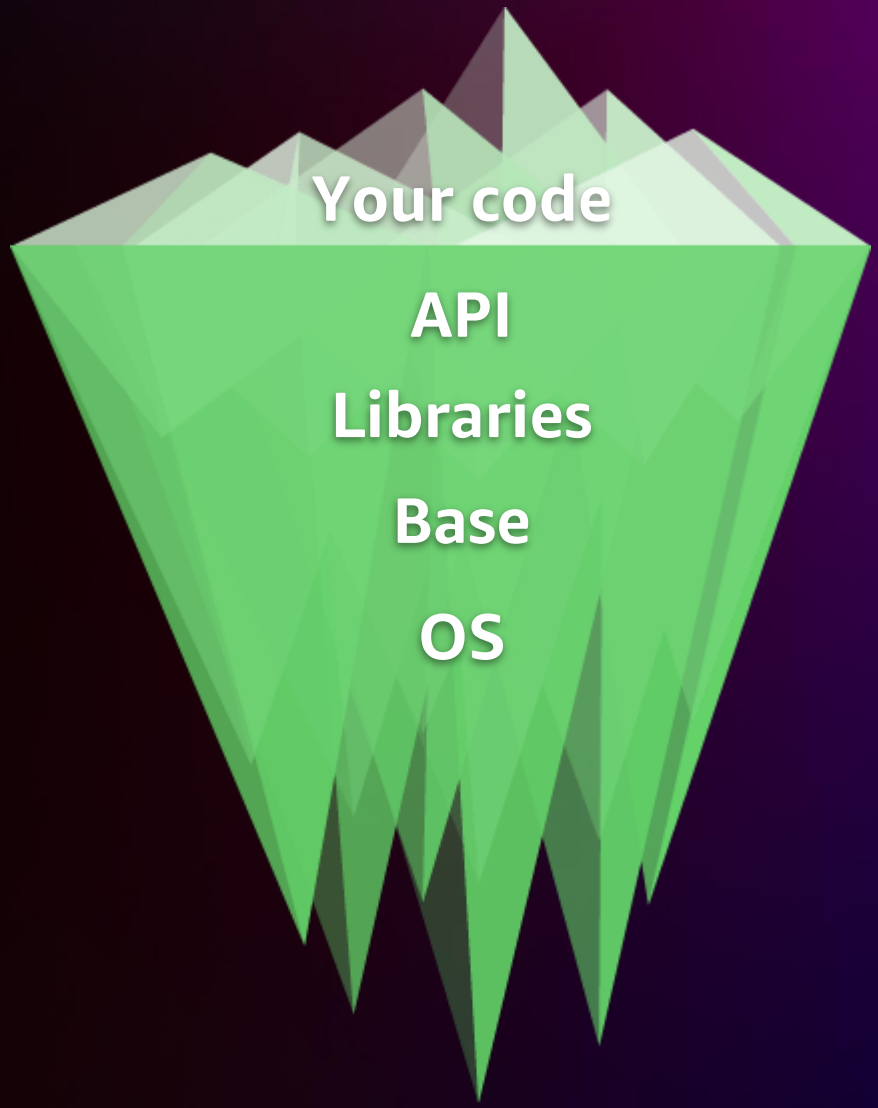
99% of codebases contain at least some open-source code and **75%** used at least one vulnerable open-source component



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49% of codebases analyzed had at least one component with a high-risk inadvertent opening

90% of applications used at least one open-source component that was out of date by 4 or more years, or was abandoned



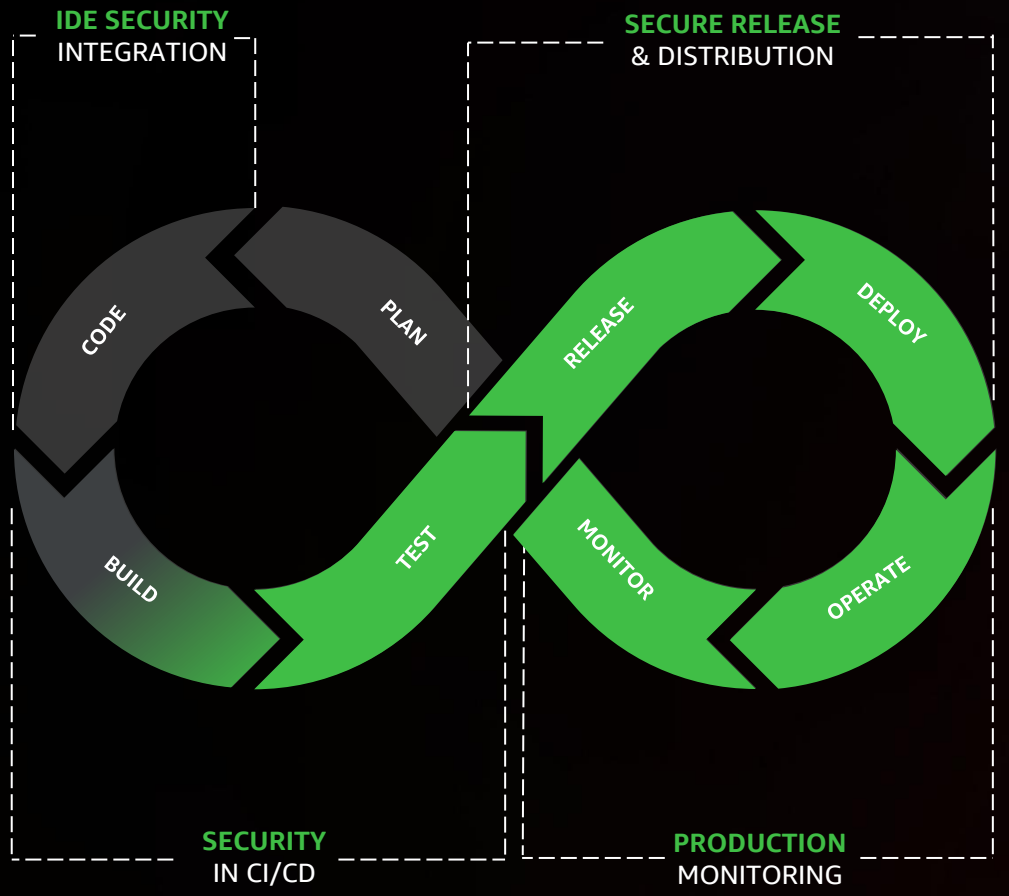
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There was a 650% increase in software supply chain cyber events in 2021

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Software security

DESIGNED FOR DEVOPS



Strong security with speed

Fortify your software and reduce risk

- Uncover unseen security openings in third- and first-party software
- Binary scanning – Identify issues not seen in source code

Accelerate releases

- Contextual prioritization – Focus on fixing issues that matter
- Advanced, developer-friendly remediation guidance

Scale security while saving on security resources

- Integrate security seamlessly into DevOps processes
- Automate security from development to runtime

Streamline compliance

- Define and enforce policies consistently
- Adhere to regulatory requirements

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JFrog Xray | Automated security & compliance

SCAN ANY SOFTWARE

Many supported package types
From single binaries to applications
Containers
Infrastructure as code

FIX WHAT MATTERS, FAST

Impact analysis

Contextual prioritization
Advanced resolution guidance

INTEGRATE IN YOUR ENVIRONMENT

Rich integrations, REST API, CLI
Automated security in CI/CD
From development to runtime



GAIN FULL VISIBILITY

Supply chain full visibility/SBOM
Rich vulnerability data
Malicious package detection
Configuration security issues
Malicious code detection
Zero-day vulnerability detection

CONTROL YOUR SECURITY POSTURE

Context-based policy
Platform management & security
Security & compliance reports
Software curation

DEPLOY ANYWHERE

Self-hosted (on-premises/cloud)
SaaS
Multi-cloud
Hybrid

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Advanced security pack

EXPANDING AUTO-DETECTION OF SOFTWARE SUPPLY CHAIN SECURITY ISSUES



IaC security analysis



Secrets detection



Malicious code detection



Application exposures

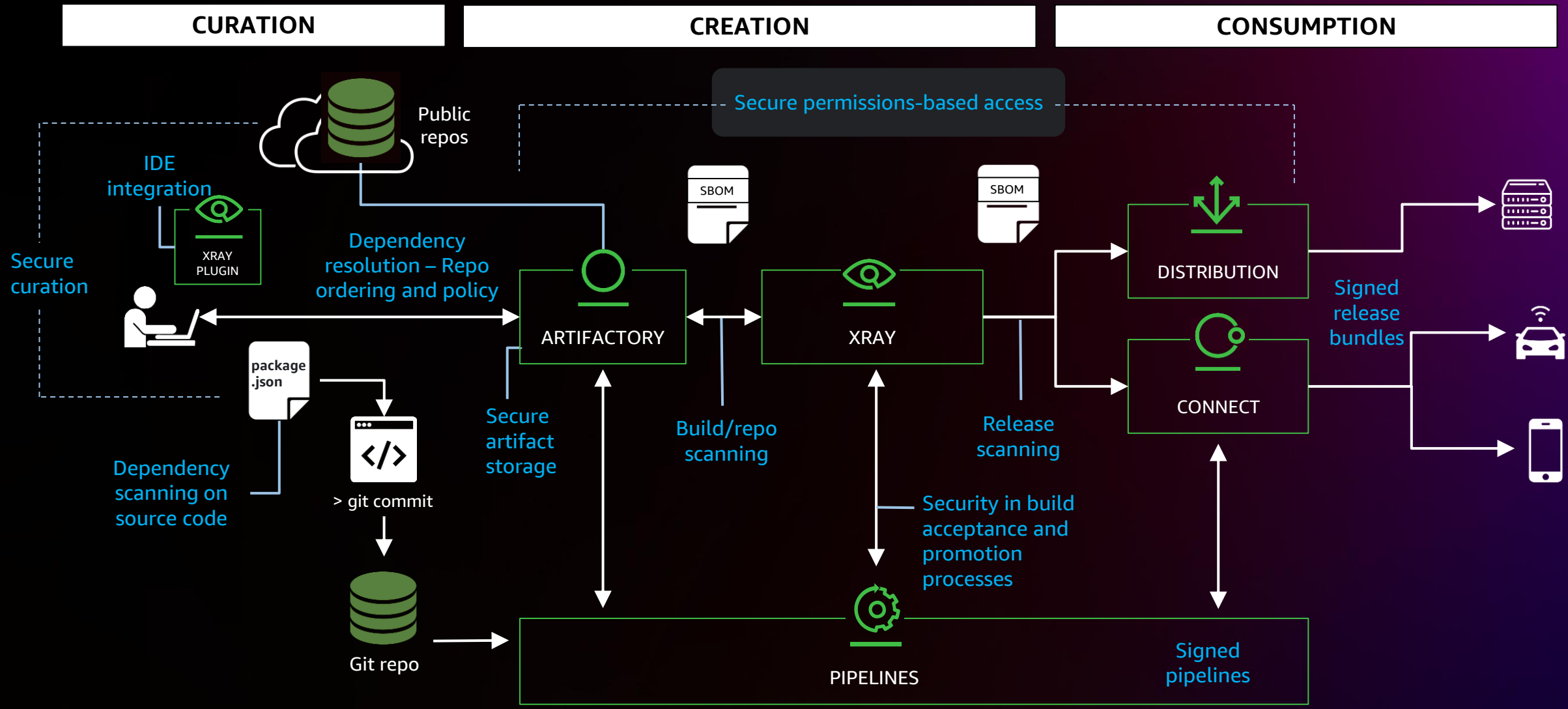


Services exposures

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Securing the full software supply chain



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Thank you!





Please complete the session survey in the **mobile app**

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