Evidence Collection

Instill Trust to Your Software Releases

THE CHALLENGE

There is an increasing need for attestation of actions, tools, and processes taken against software across the SDLC. Emerging regulations and policies around software development are rapidly evolving, and it's important to stay ahead of the changing landscape.

Some organizations have taken a proactive approach with home-grown solutions or manual processes, but despite best efforts, these solutions often lack scale and eventually falter over time. And inevitably, there's increasing friction between DevOps, GRC, and Development teams, which makes the situation more challenging.

THE SOLUTION

JFrog's new Evidence Collection functionality expands its Release Lifecycle Management capabilities to enrich artifacts, builds, and release bundles with signed attestation metadata that can be easily tracked and verified for governance and compliance.

Evidence Collection generates an audit trail that documents all the security, quality, and operational steps taken to produce a production-ready software release. Seamlessly consolidate information from all the tools and platforms used in software development into a trusted single source of truth.

KEY BENEFITS

Ensure Release Readiness of Software

Easily capture proof of the process software went through as it matured for release, inclusive of all tests, approvals, environments, and processes across the SDLC.

The Single Source of Truth for Attestation

Return time to development and auditing teams by eliminating the need to search across multiple systems for attestation data.

Simplify Auditing and Compliance

Evidence metadata follows the artifact for its entire lifespan, and is tracked and verified before a decision to release software to production. Use attestation metadata, such as signatures or test results, for governance across the software development lifecycle and software supply chain.

PRODUCT CAPABILITIES

Attach evidence to a subject (artifact, package, build, or Release Bundle) via JFrog CLI or API; the evidence follows the subject throughout the promotion process as an attached evidence file.
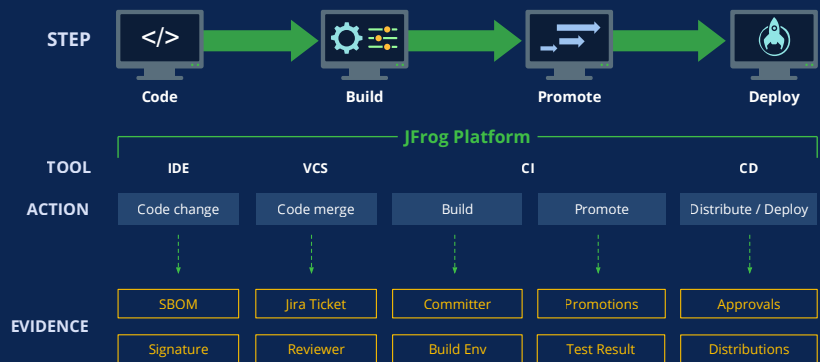
View the evidence graph of a Release Bundle, which consists of a visual look of all evidence artifacts, subjects, and its relationships.
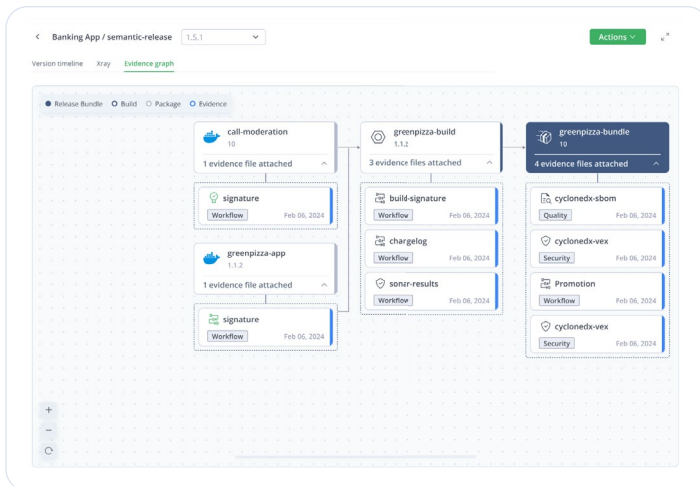
Export evidence files for easy consumption by cross-functional stakeholders.

COLLECT END-TO-END EVIDENCE ACROSS YOUR SDLC

STEP

Code → Build → Promote → Deploy

JFrog Platform

TOOL	IDE	VCS	CI		CD
ACTION	Code change	Code merge	Build	Promote	Distribute / Deploy
EVIDENCE	SBOM	Jira Ticket	Committer	Promotions	Approvals
	Signature	Reviewer	Build Env	Test Result	Distributions

EVIDENCE COLLECTION IN ACTION ON THE JFROG PLATFORM

The evidence graph shows what types of evidence are collected when
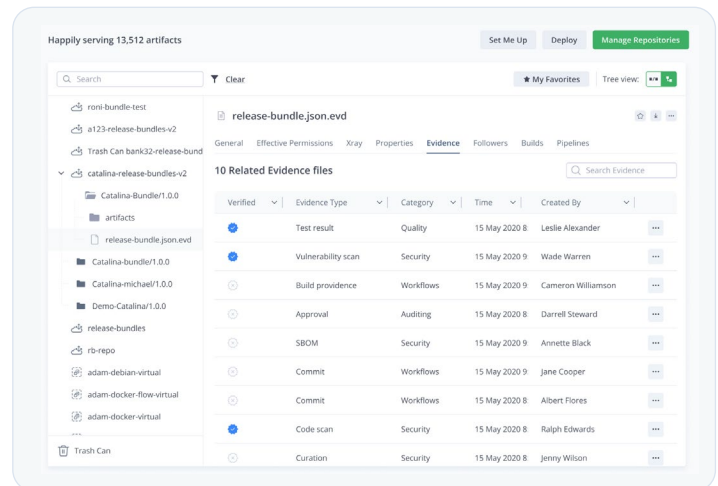
The artifact evidence table shows a list of evidence files associated with the artifact

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ABOUT JFROG

JFrog empowers thousands of DevSecOps organizations globally to build, secure, distribute, and connect any software artifact to any environment using the universal, hybrid, multi-cloud JFrog Platform.

LEGAL STATEMENT

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