

Adopting CDEvents and Embracing In- teroperability

Andrea Frittoli

Developer Advocate @ IBM

andrea.frittoli@uk.ibm.com

 [@blackchip76](https://twitter.com/blackchip76) |  [afrittoli](https://github.com/afrittoli)

Andrea Frittoli

[Q afrittoli](https://www.github.com/afrittoli) | [In andreafrittoli](https://www.linkedin.com/in/andrea-frittoli) | [@blackchip76](https://twitter.com/@blackchip76)

- › Open Source Advocate @ IBM
- › Lives in Wales, enjoys the wind
- › CDEvents maintainer, Events SIG co-chair
- › Chair of CDF Technical Oversight Committee Governing Board





A common specification
for Continuous Delivery
events



Events in Continuous Delivery

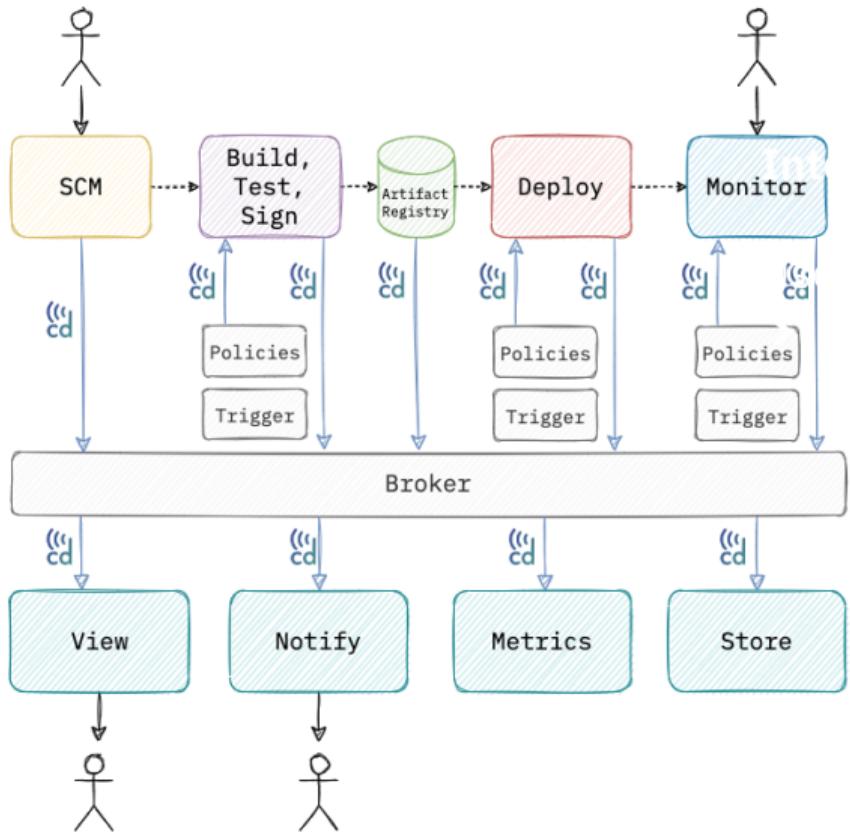


Event Driven Workflows



Observability





DEvents

erability!

es:

driven workflows

scalable, Decoupled

exible

olicy Driven

vability

etrics

otifications

ngle View



History of CDEvents





What's New

((c)) cdevents 0.1

Specification

CDEvents v0.3
Release

Incident Events:

- › A

Test Events:

- › B

Software Supply
Chain Security

- › Go (released)
- › Python (soon)
- › Java (WIP)



SDKs

What's New - Tools



Overview

Jenkins

Spinnaker



Testkube

Tekton

How to Adopt CDEvents



Photo by [Josh Sorenson](#), CC0



Roadmap



CDEvents Roadmap

v0.4 and beyond

Supply Chain Security

- SBOM, Provenance, Signatures
- Signed Events

E2E Supply Chain

- Requirements
- Releases
- Production
- Incidents
- Remediations

New features

- Compositions
- Links, Workflow IDs
- SDKs
- Policy Driven Workflow

Data Model

- SCM Events
- Tests
- Documentation:
 - Architecture
 - Examples



Collaborations

Community

CDF

- › SIG Interop
- › SIG Supply Chain
- › SIG Best Practices

Tools communities

- › Tekton
- › Spinnaker
- › Shipwright
- › Jenkins
- › Jenkins X
- › Flux, Argo

Companies

- › Ericsson
- › IBM / RedHat
- › doWhile
- › Apple
- › VMWare
- › Fidelity
- › SAS

Get Involved!!

- › Specification
- › SDKs (Rust, JS, Ruby, C#)
- › Tools
- › Proof-of-concepts
- › End users



Thank You!



References

- › cdevents.dev
- › github.com/cdevents/spec/blob/main/CDEvents_Whitepaper.pdf
- › github.com/cdevents/sdk-go
- › github.com/cdevents/sdk-python
- › github.com/cdevents/sdk-java

Andrea Frittoli

Developer Advocate @ IBM

andrea.frittoli@uk.ibm.com

 [@blackchip76](https://twitter.com/blackchip76) |  [@afrittoli](https://github.com/afrittoli) |  [andreafruttoli](https://www.linkedin.com/in/andreafruttoli/)

