

CDEvents Project Updates & Roadmap

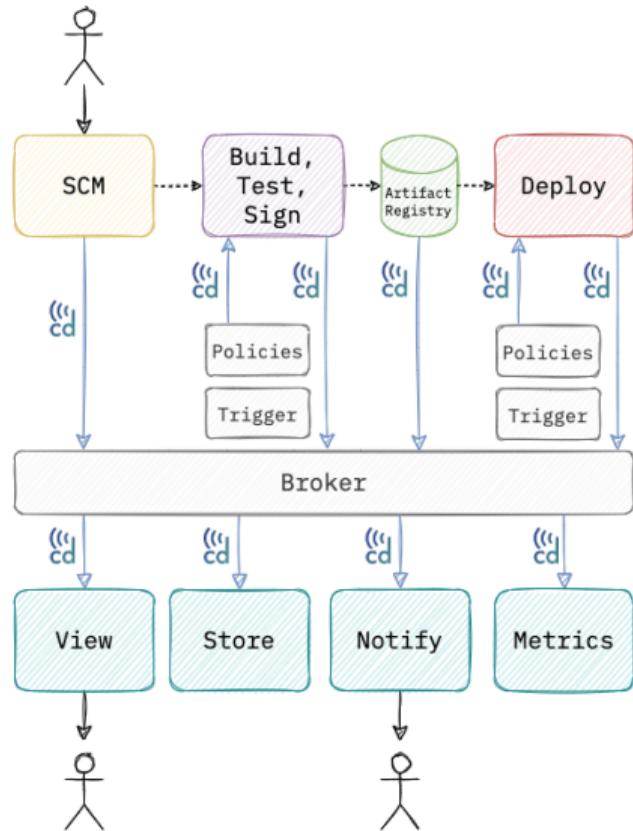
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A common specification
for Continuous Delivery
events



Why CDEvents



Interoperability!

Use Cases:

- Event driven workflows
 - Scalable, Decoupled
 - Flexible
 - Policy Driven
- Observability
 - Metrics
 - Notifications
 - Single View





What's New

((c)) cdevents 0.1

CDEvents
Release 0.1!

Announced at
the CDSummit
in Detroit

Event Phases:

- › Orchestration
- › Software Configuration Management
- › Continuous Integration
- › Continuous Deployment

DevOps Metrics:

- › Lead Time for Changes
- › Deployment Frequency

SDKs

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





Working In Progress

Website refresh

- Target Audiences
- Simplified DevEx
- Accessibility

SDKs

- Java SDK for v0.1 (Spinnaker, Fidelity)

Specification

- Incidents & Remediations
- Connecting events

Tools

- Spinnaker

Roadmap



CDEvents Roadmap

v0.2 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



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

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