Catalyst

Powered by dapr

developer APIs for building microservices

stop hacking together fragmented libraries **get back to building**

The Catalyst APIs lower the cost, burden, and risk of building microservices by providing a **standard abstraction layer** for interacting with cloud infrastructure services, complete with built-in reliability and observability.

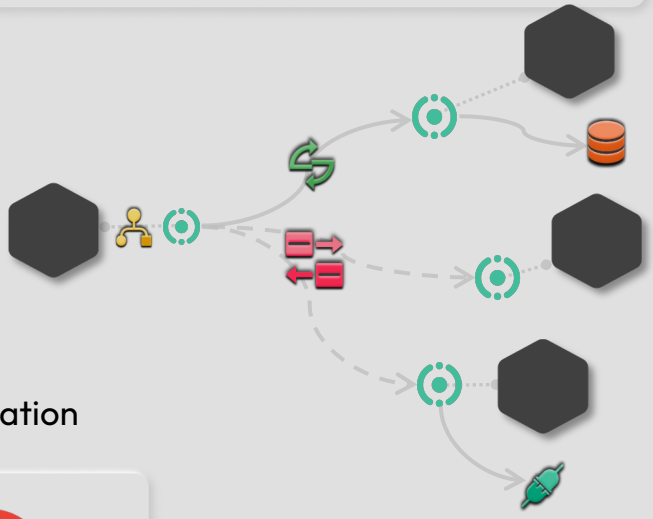
Catalyst is built on top of the popular open source Dapr project, which is used by teams at thousands of leading companies like Grafana Labs, HDFC Bank, Nvidia, NASA, Prudential and many more.

Catalyst is API-first

Easily implement common microservice architecture patterns in your apps without infrastructure-specific SDKs or complex resiliency & security logic.

```
https://catalyst.api.cloud.diagrid.io/v1.0/publish
https://catalyst.api.cloud.diagrid.io/v1.0/invoke
https://catalyst.api.cloud.diagrid.io/v1.0/state
https://catalyst.api.cloud.diagrid.io/v1.0-beta1/workflows
https://catalyst.api.cloud.diagrid.io/v1.0/bindings
```

- event-driven bindings
- durable execution workflows
- state management
- async pub/sub communication
- cross-platform direct service invocation



aws

Catalyst is flexible

Connect apps written in any language, using any framework, running on any compute host.

Catalyst is integrated

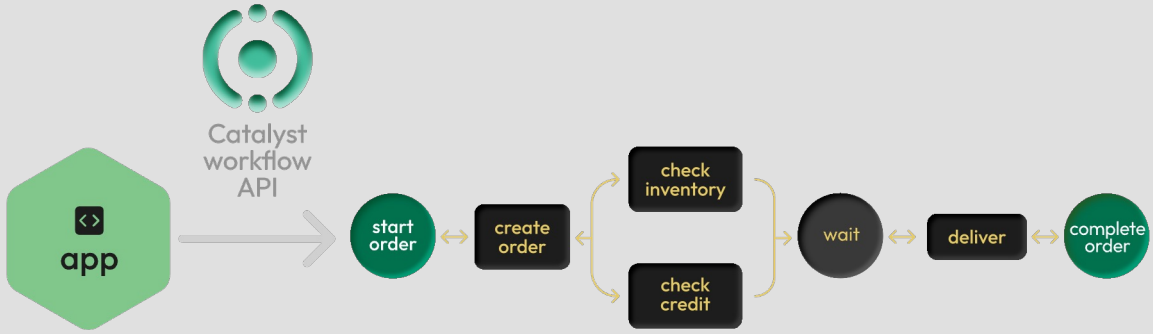
Fortify requests to 30+ interchangeable infra services with resiliency, security, and observability.

kafka

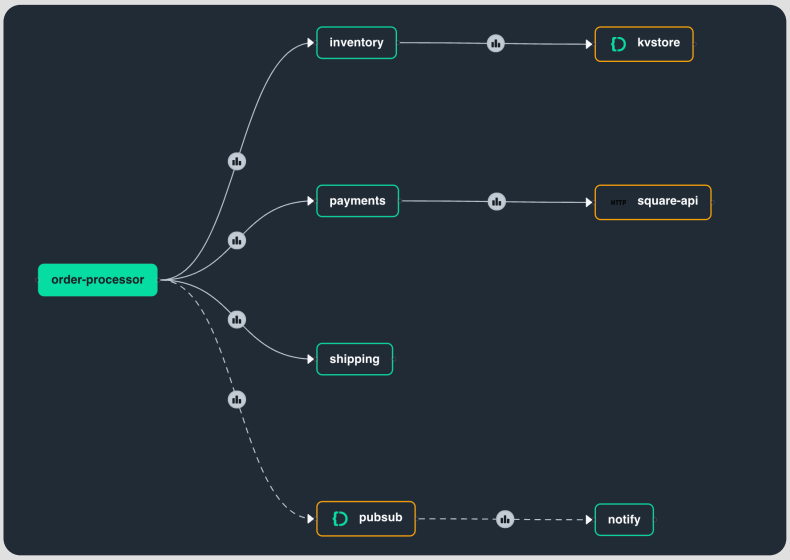
Diagrid

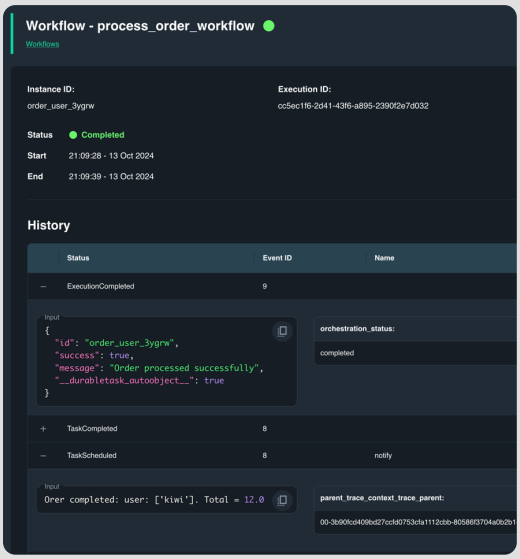
build with dapr
durable execution workflows

Catalyst



- durable execution for fault tolerance
- task chaining, fan-out/fan-in, monitor, and external event interaction
- code based, supports multiple languages
- workflow visualizer with end-to-end tracing
- combine workflow orchestration & message choreography
- bring your own database, or use ours





gain visibility

Visualize API requests, App interactions, workflows & more using the Catalyst console

gain flexibility

Leverage Diagrid's built-in data and pub/sub services or onboard your existing providers

gain capabilities

Enable advanced configuration on your APIs, from the outbox pattern to data TTL

READ MORE

SIGN UP

"Compared with building the same app using various stacks, Catalyst just gave me an easier way to do it: minimal moving parts, isolation and decoupling which I adore"

Rosius Ndimofor Ateh, AWS Serverless Hero