

powerful APIs for building microservices

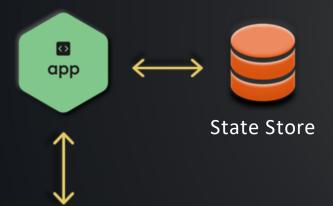
Fernando Rocha Customer Success Engineer @ Diagrid



How would you build a pizza delivery system?



- Handles customer orders
- Maintains order state
- Interfaces with customers



Pizza Kitchen 📈

- Manages pizza preparation
- Tracks kitchen operations



Pizza Delivery 🛵



- Manages delivery process
- Tracks deliveries







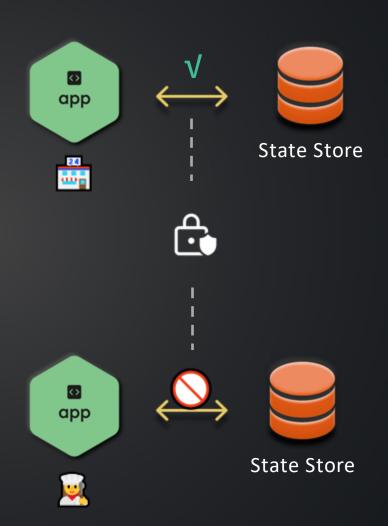


Access control

Service orchestration

Distributed tracing

Resiliency



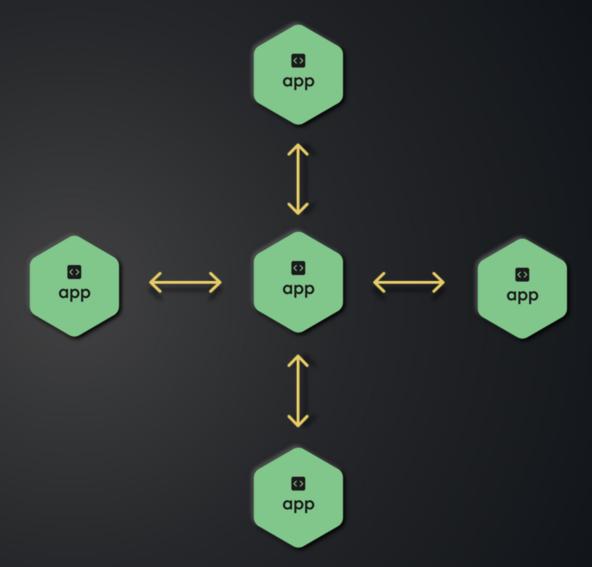


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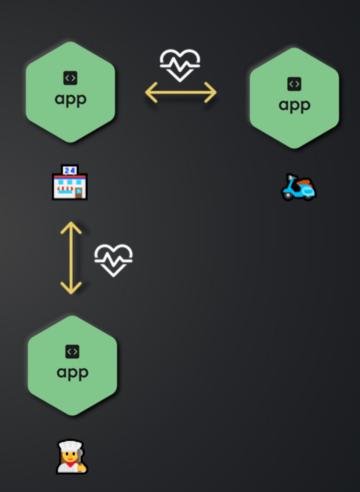


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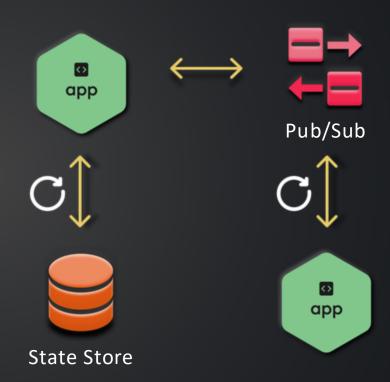


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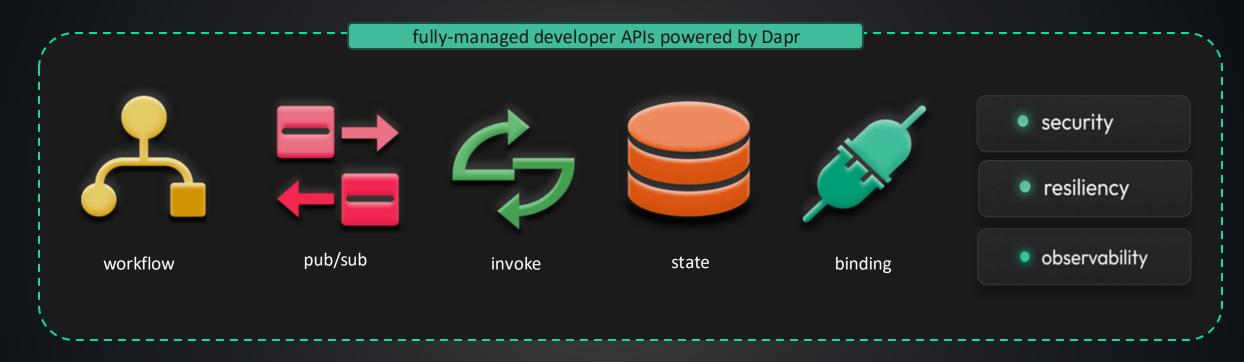






(•) Catalyst

now in public beta









Read the article

Demo



How it works

1

Create an App ID

Generate an API token for your microservice to secure API calls

2

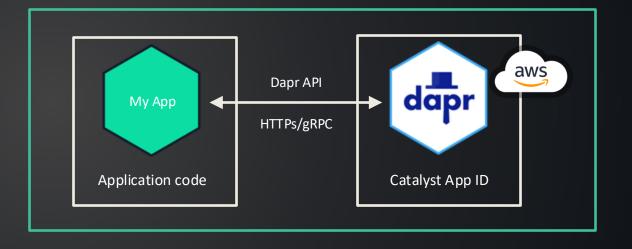
Configure API resources

Use Diagrid services or external infrastructure connections

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Connect your apps

Make and receive requests from Catalyst to your applications



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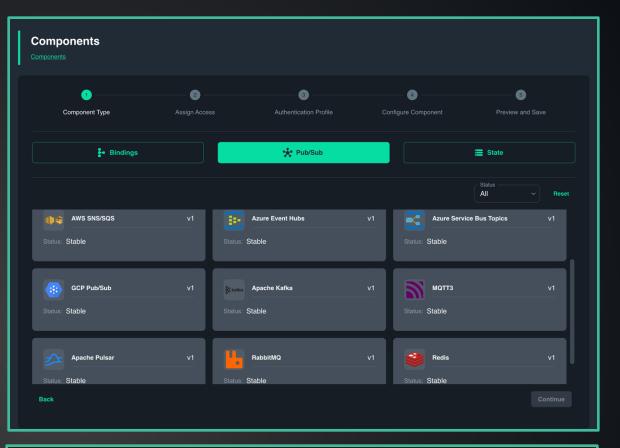
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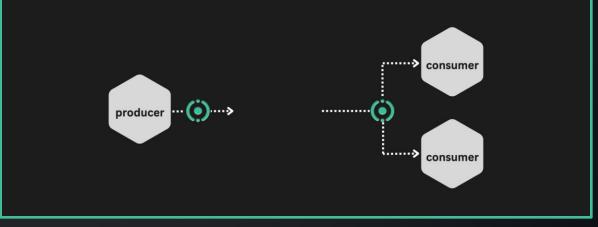
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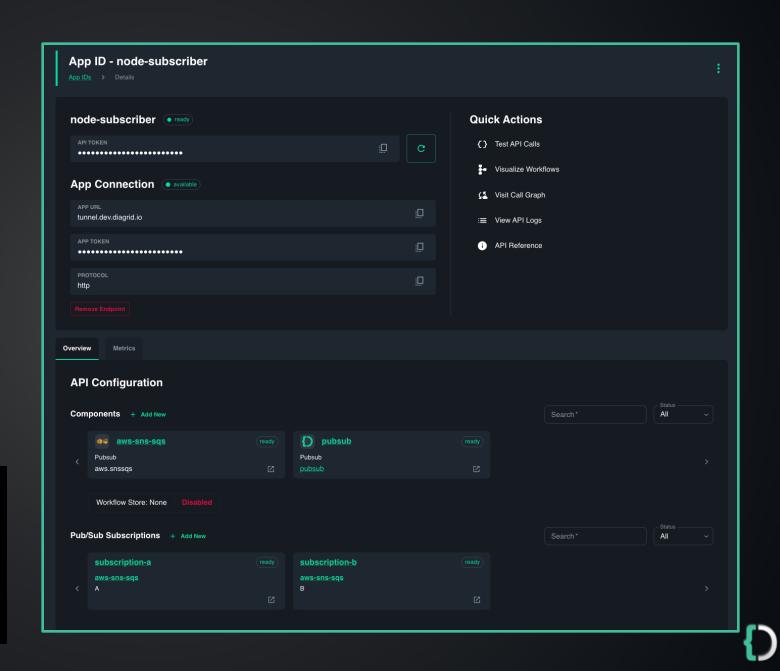
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Interacting with the Catalyst APIs

Diagrid CLI

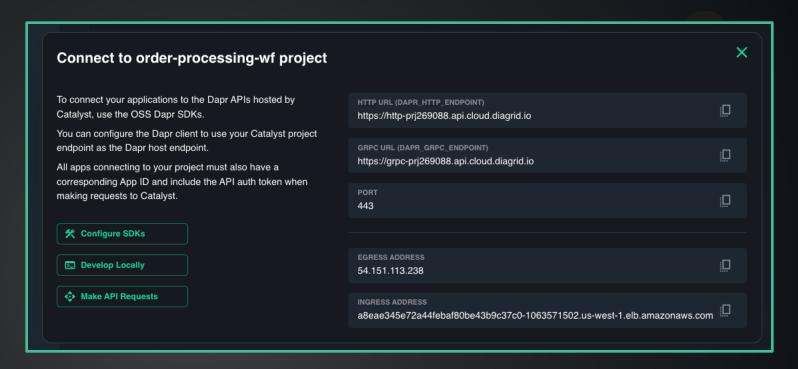
Test the API without authoring or deploying client and server applications

API explorer

Test the API without authoring or deploying client and server applications

Dapr SDK

Instrument your application to invoke another service using the Dapr Service Invocation API



POST	http(s)://DAPR_HTTP_ENDPOINT/v1.0/invoke/cart/method/order
GET	http(s)://DAPR_HTTP_ENDPOINT/v1.0/state/inventory/item50
POST	http(s)://DAPR_HTTP_ENDPOINT/v1.0/publish/mybroker/order-messages
GET	http(s)://DAPR_HTTP_ENDPOINT/v1.0/secrets/vault/dbaccess
POST	http(s)://DAPR_HTTP_ENDPOINT/v1.0-beta1/workflows/dapr/wf/start



What we don't have time to talk about today, but you should go further...

Bindings

Workflows

Outbox pattern

Advanced resiliency

And more...



Find more about Catalyst at:

diagrid.io/catalyst

github.com/diagrid-labs

github.com/rochabr/catalyst-apiworld-demo

Thank you!

