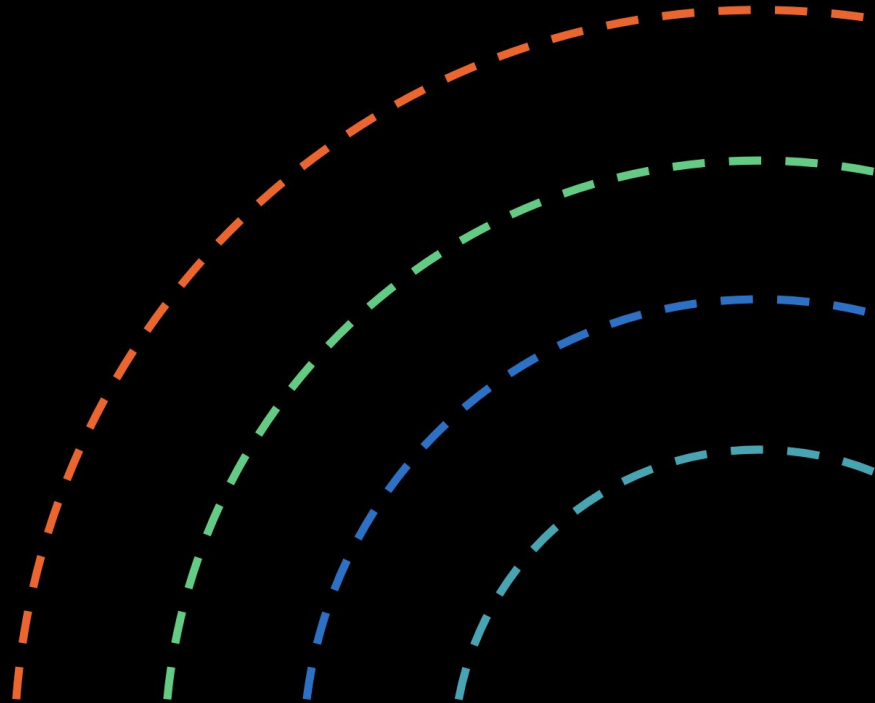


CAMUNDA

Building Camunda Connectors

Niall Deehan
May 2023

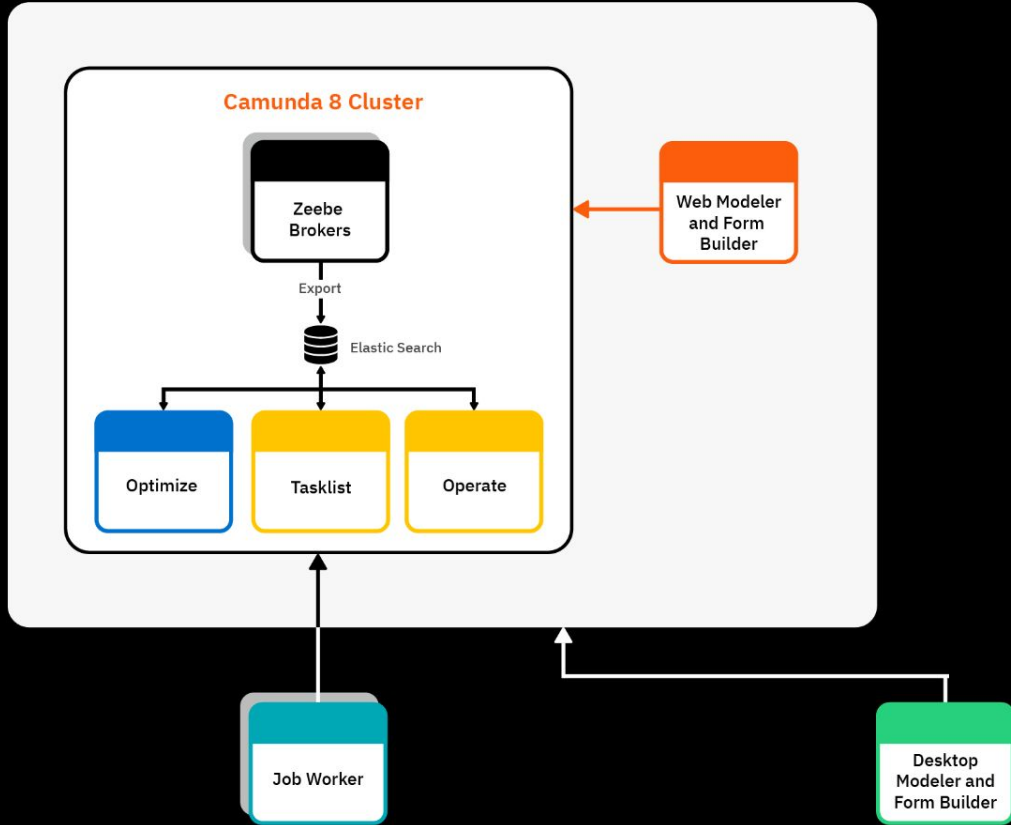


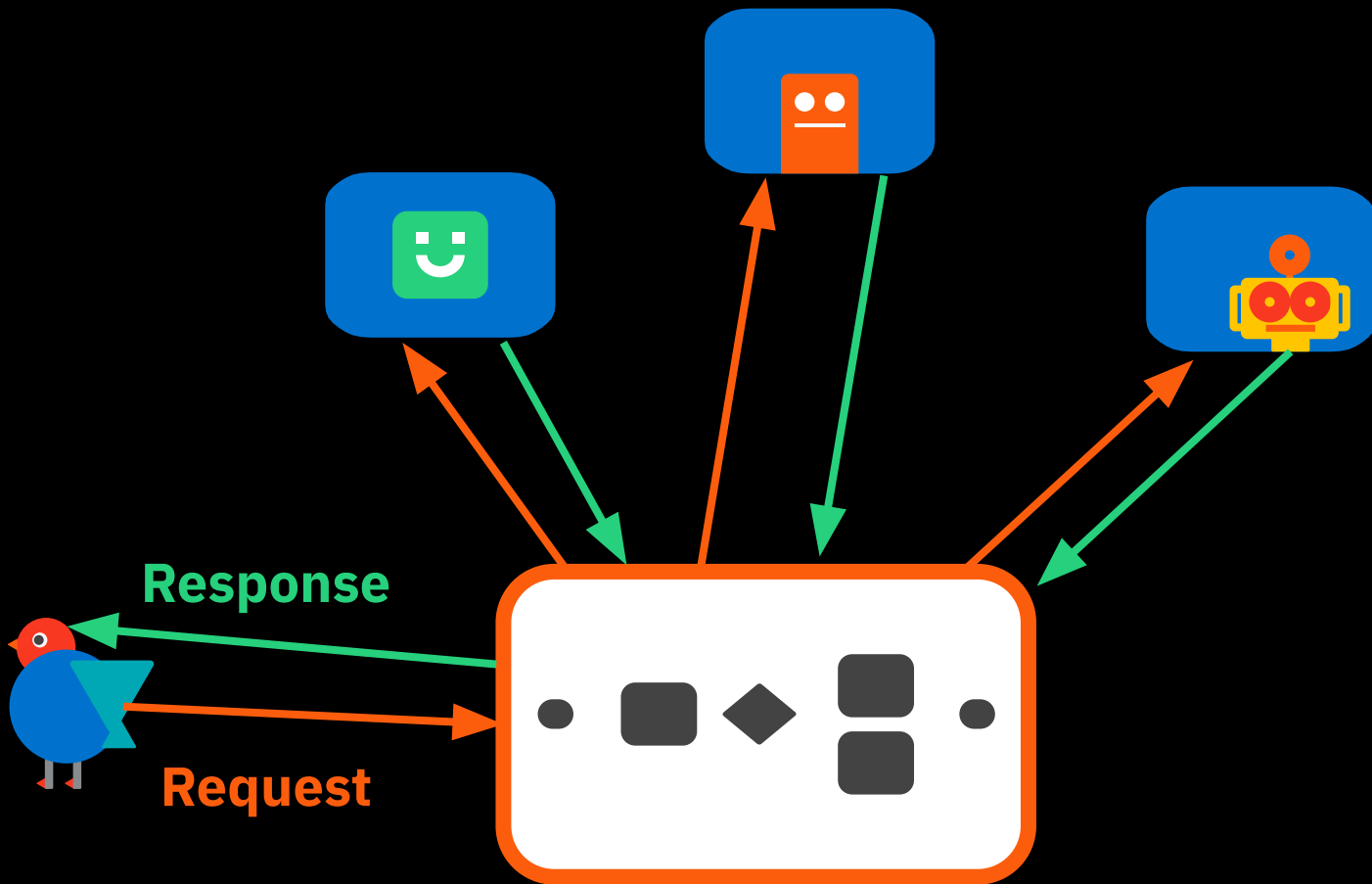
Niall Deehan
Sr. Developer Advocate

Camunda



Camunda Platform 8





Some Questions



Can you build a microservice without a model?



Can you build a model without Coding?



Can you maintain the model and service independently?

DEMO

Building a simple microservice.

Some Answers



Can you build a microservice without a model?

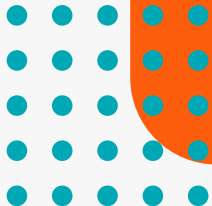


Can you build a model without Coding?



Can you maintain the model and service independently?

Is this scalable for a business?



Connector SDK



Core

The foundation for reusable Connector functionality.

- API for Outbound and Inbound Connectors
- Secret Provider (interface)
- Validation Provider (interface)

Runtime utilities

A collection of utilities to accelerate building Connector runtimes.

- Connector discovery
- Job worker wrappers for Outbound Connectors
- Event correlation for Inbound Connectors

Default modules

Default implementations of modules defined in Core.

- Secret Provider
- Validation Provider

DEMO

Connector Templates

Out of the Box Connectors



REST

Invoke REST API



Sendgrid

Send an Email via Sendgrid



Slack

Create a channel or send a message



Microsoft Teams

Send or update a message



GDrive

Create a folder or file from template



Automation Anywhere

Orchestrate your RPA bots



UiPath

Orchestrate your RPA bots



Kafka Producer

Produce Kafka message



Amazon SQS

Send message to queue



AWS Lambda

Invoke a function



Amazon SNS

Send message to topic



Rabbit MQ

Send message



GraphQL

Execute GraphQL query



Power Automate

Orchestrate Power Automate flows

OOTB Connector Types



Integrations and connectivity with various systems and applications



Cloud Services

Kafka, Lambda, SQS, Camel
SOAP, GRAPHQL



Services

RPA, Legacy Systems,
AI (e.g. NLP, OCR), IOT



Business Apps

CRM, ERP
Salesforce, SAP



Productivity Applications

Email, Slack, Teams



Enterprise Content

Google Drive, OneDrive,
Box, OpenText



Data

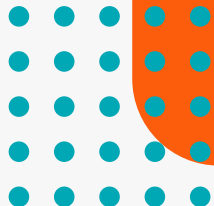
BI Systems
Data Lakes / Warehouse



Protocol Connector

REST , GraphQL, Webhook, SQL,
SOAP

Is this scalable for the Community?



Milestones



1

Focus on Protocol Connectors

2

Share custom templates for Protocol Connectors

3

Share custom templates with our community

4

Marketplace*

*Terminology TBD

DEMO

Out of the Box Connectors

Connector Types Overview



Inbound

Enable workflows to **receive data** or messages from **external systems** or **services**

Integrates workflows into a wider business process or system architecture

Outbound

Enables workflows to **trigger** with **external systems** or **services**

Integrates workflows with other parts of a business process or system architecture

DEMO

Inbound Connectors