Low-code
Microservices Orchestration With
CAMUNDA 8

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Agenda

1. Intro

2. Camunda 8 in a nutshell

3. Customer onboarding flow

4. Architecture

5. Demo

6. Q&A

Camunda 8 in a nutshell

Zeebe cluster

- The workflow and decision engine that powers Camunda.
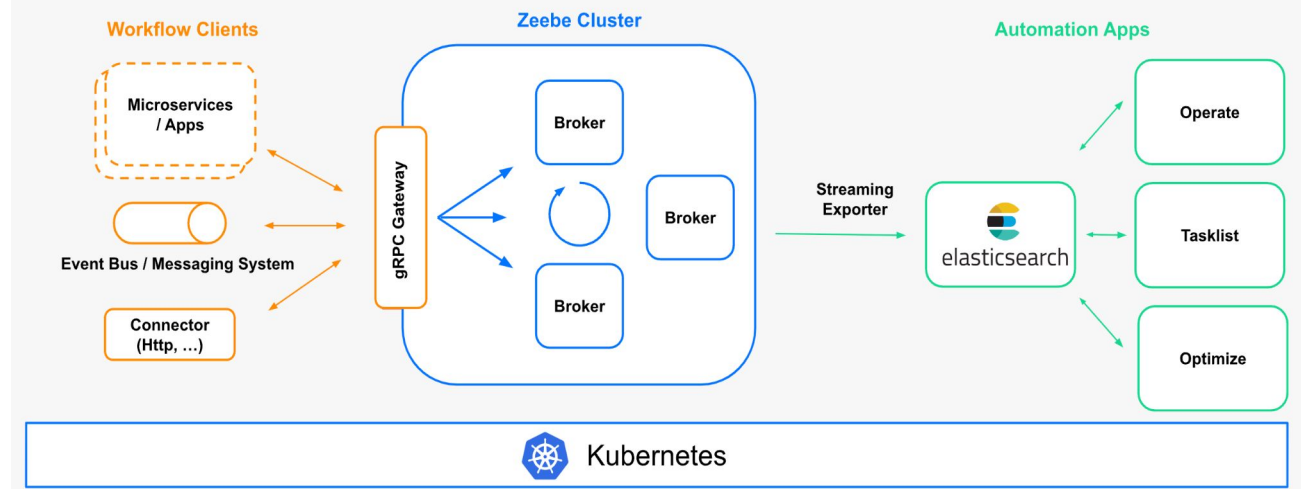
Workflow clients

- Connecting the workflow engine with your world

Automation Apps

- Operate - Real time visibility to monitor, analyze and resolve problems with any process instance.
- Tasklist - Assign and execute tasks that require human interaction via easy-to-use Forms or via your own apps with the Tasklist API.
- Optimize - Get the insights you need to understand and continuously improve your business processes.
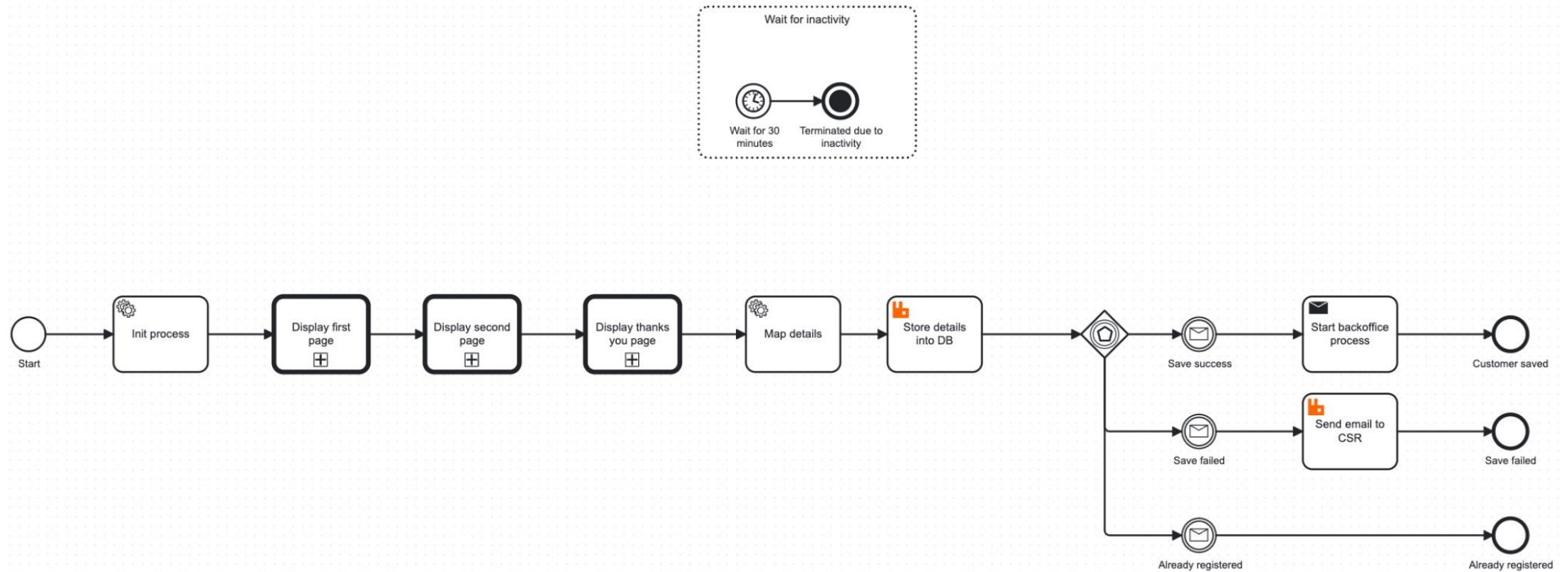

Architecture: Camunda Platform 8 Cluster

Customer onboarding flow

1 **Onboarding process**. The process a new customer will follow in order to apply for our services

2 **Display page process**. Lightweight process used to coordinate pages displayed in the UI.

3 **Back Office process**. The process we are using to validate and approve customer's application
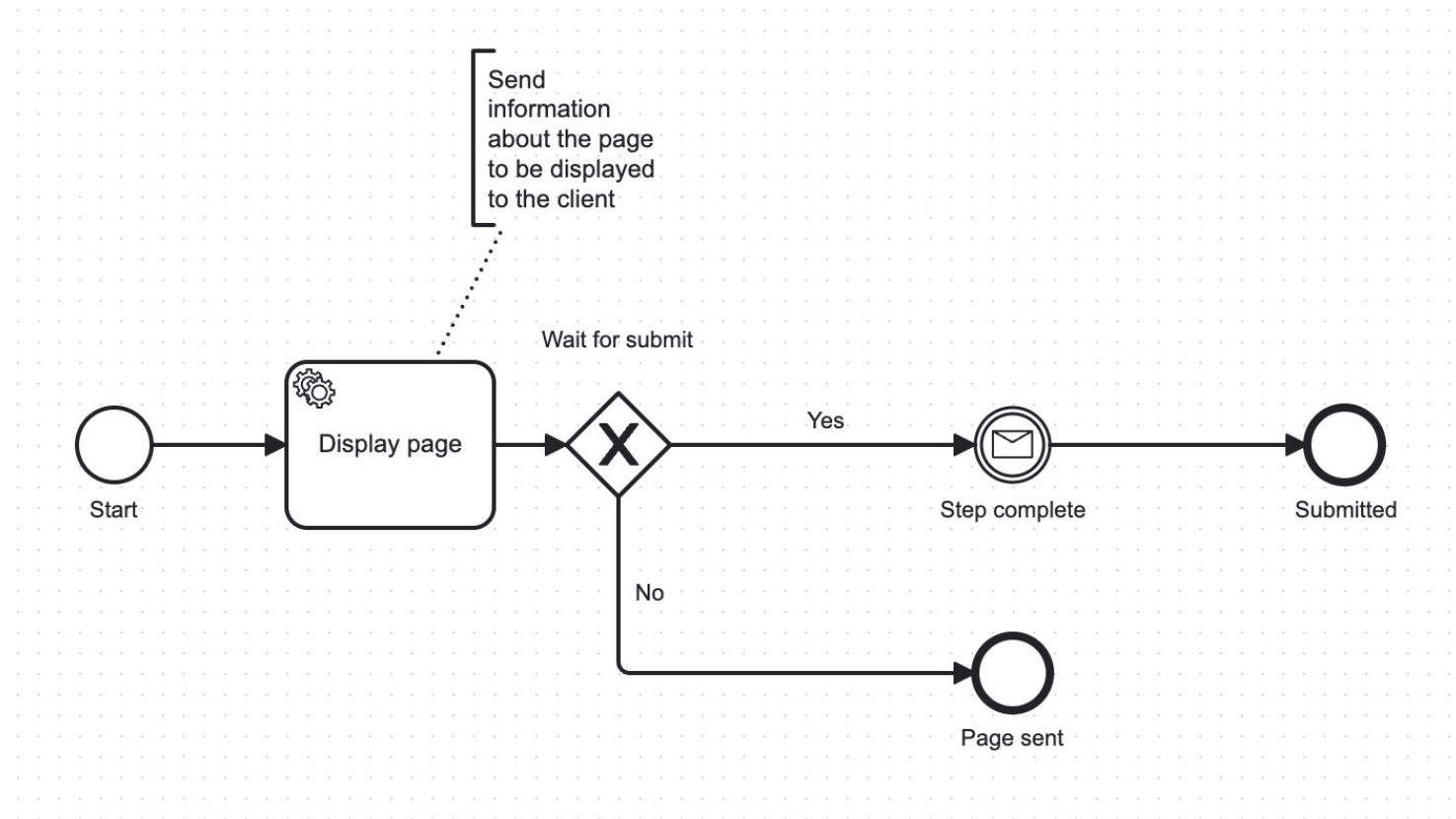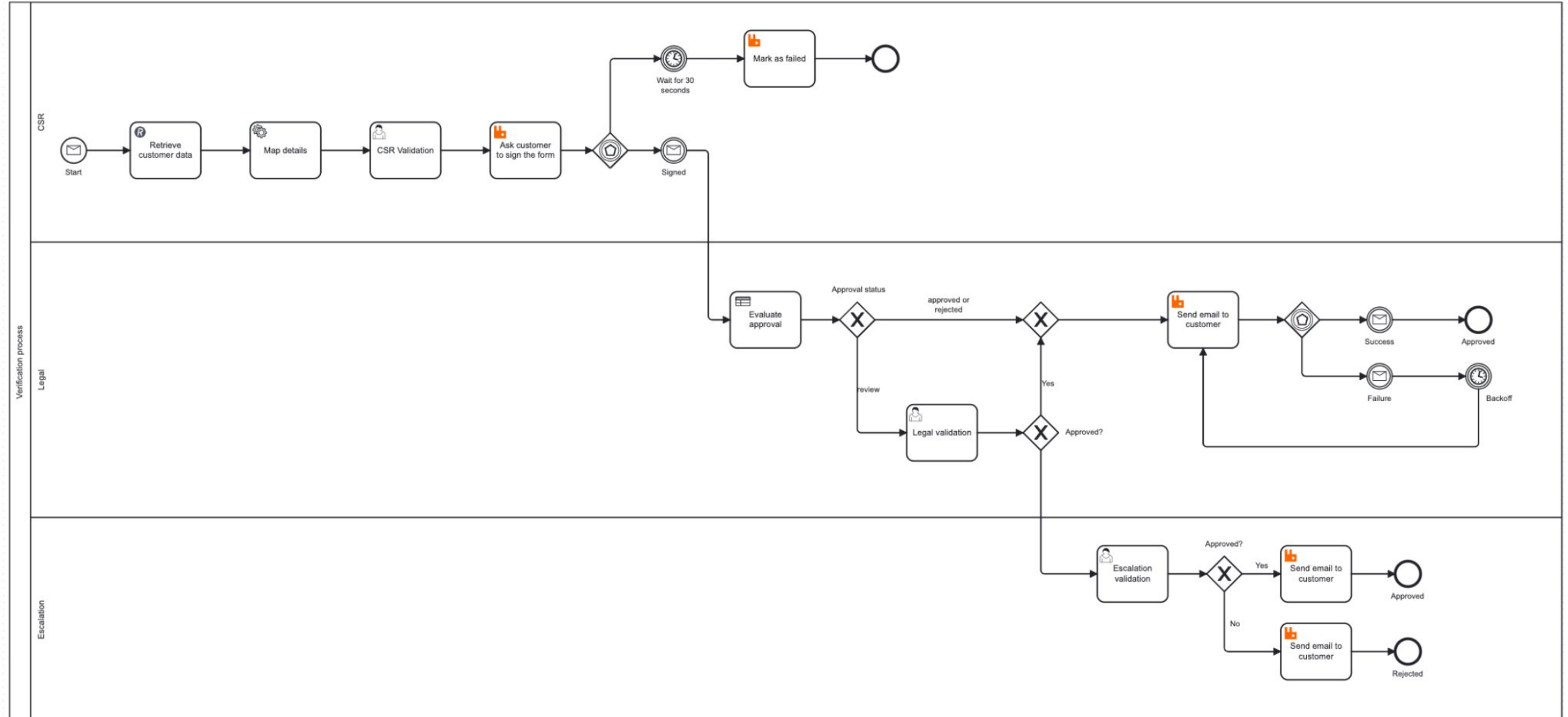
Customer onboarding flow

Onboarding process

Customer onboarding flow

Sub-Process

Customer onboarding flow

Back Office process

Architecture

1 **User interface**. Technology agnostic application that will display different pages/components while the camunda process is progressing.

2 **Gateway**. Lightweight spring boot application used to decouple the user interface from camunda out of the box endpoints.

3 **Parent process**. Camunda main process that orchestrates all the components in our process.

4 **Subprocesses**. Decouples the business logic from the parent process for reusability purpose.

Architecture

User Interface

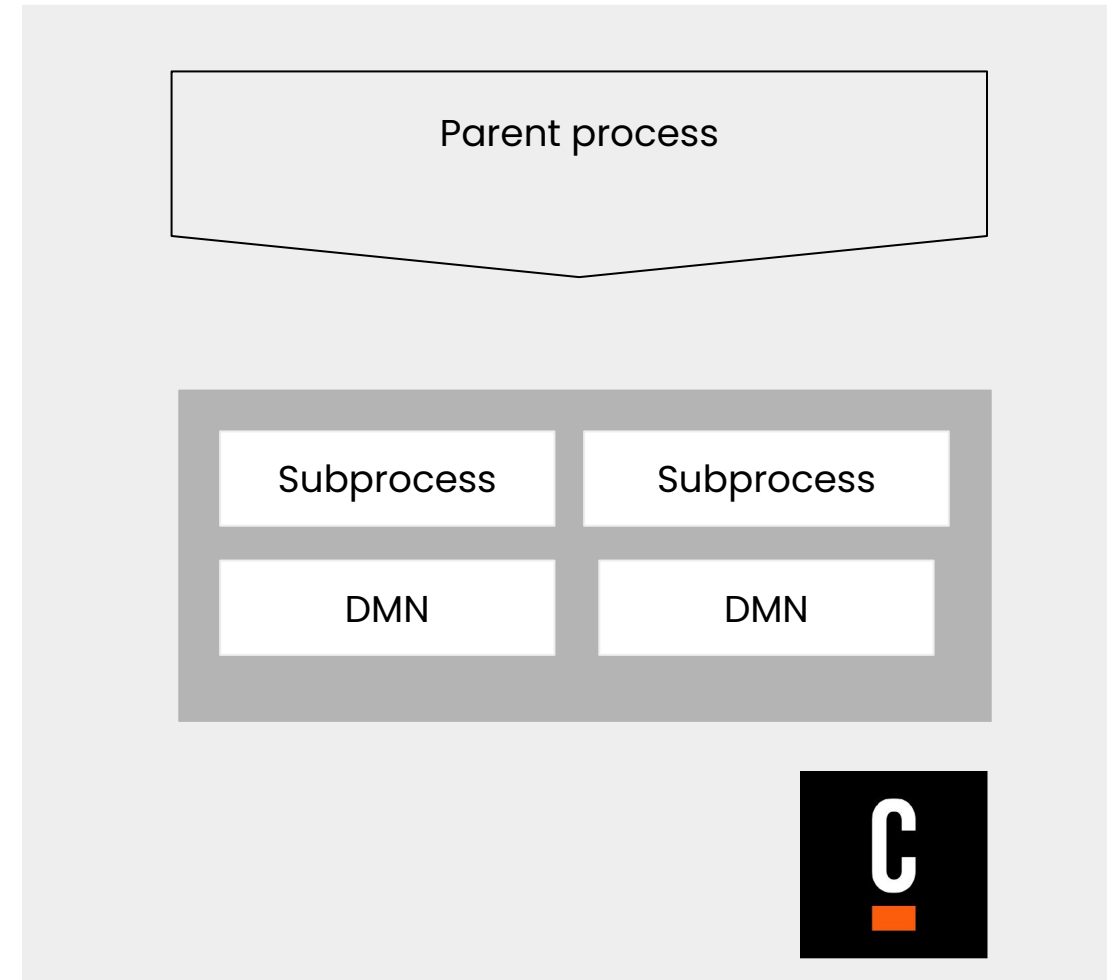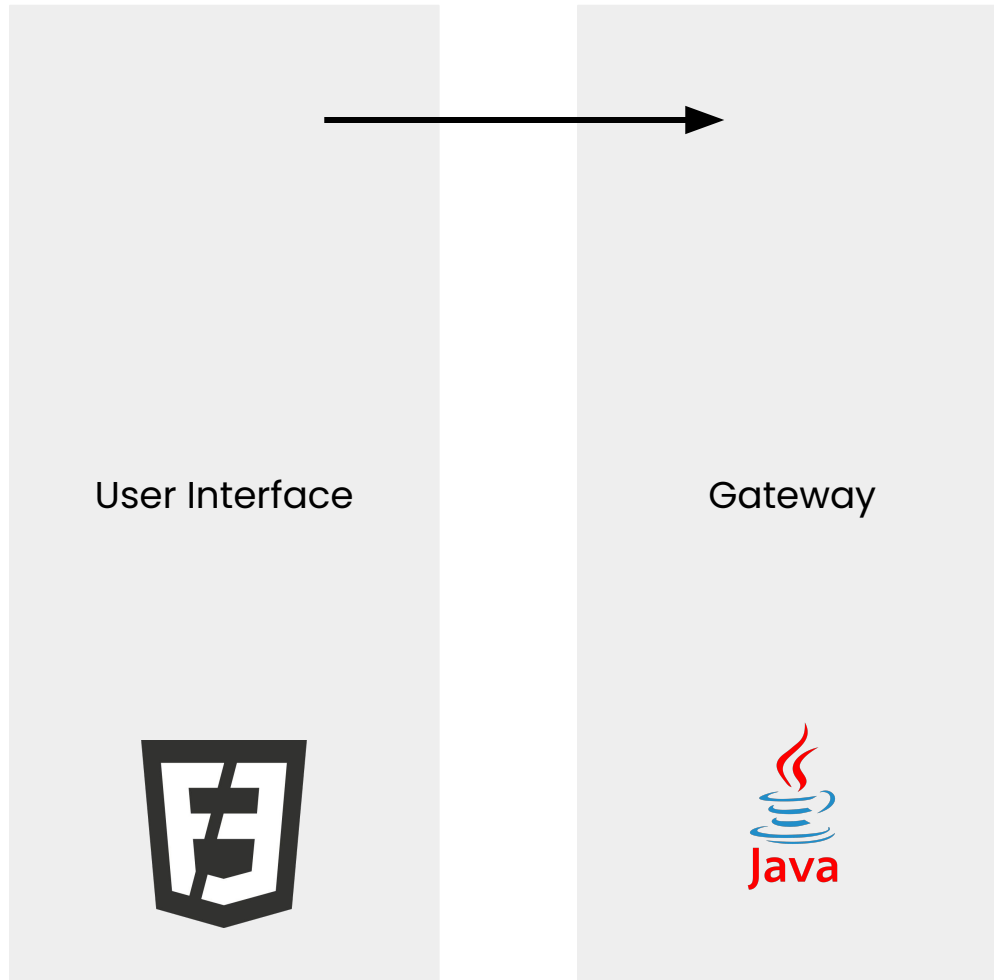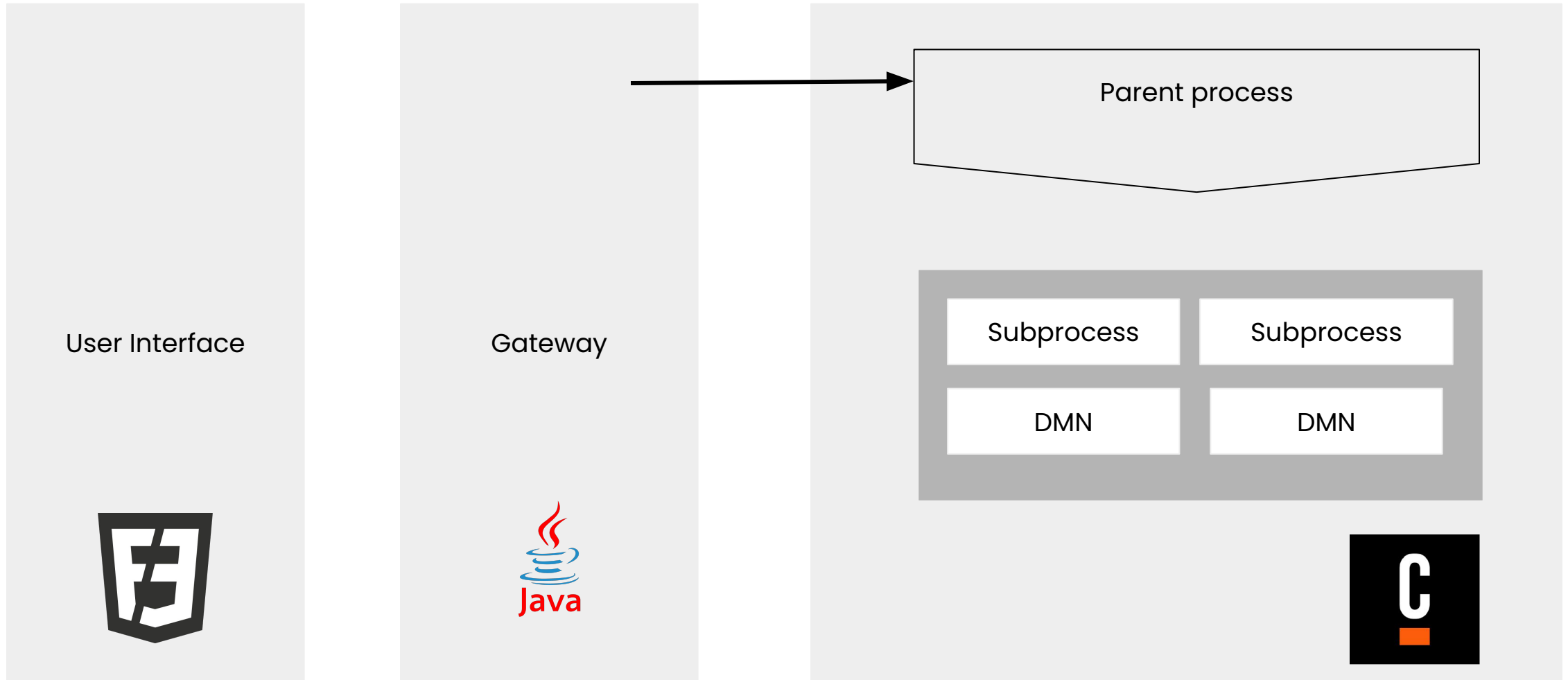Gateway

Parent process

Subprocess | Subprocess

DMN | DMN

Architecture

Architecture

User Interface

Gateway

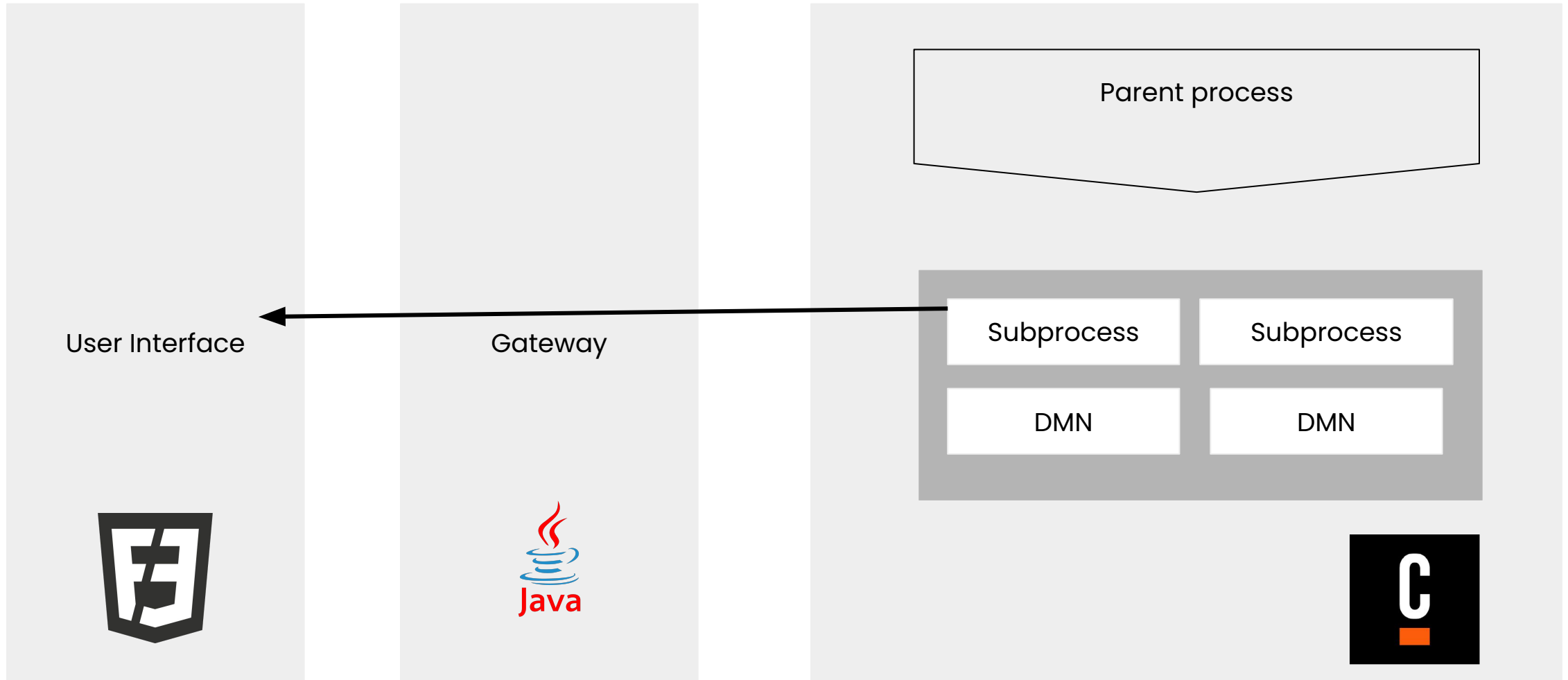Parent process

Subprocess

Subprocess

DMN

DMN

Architecture

DEMO