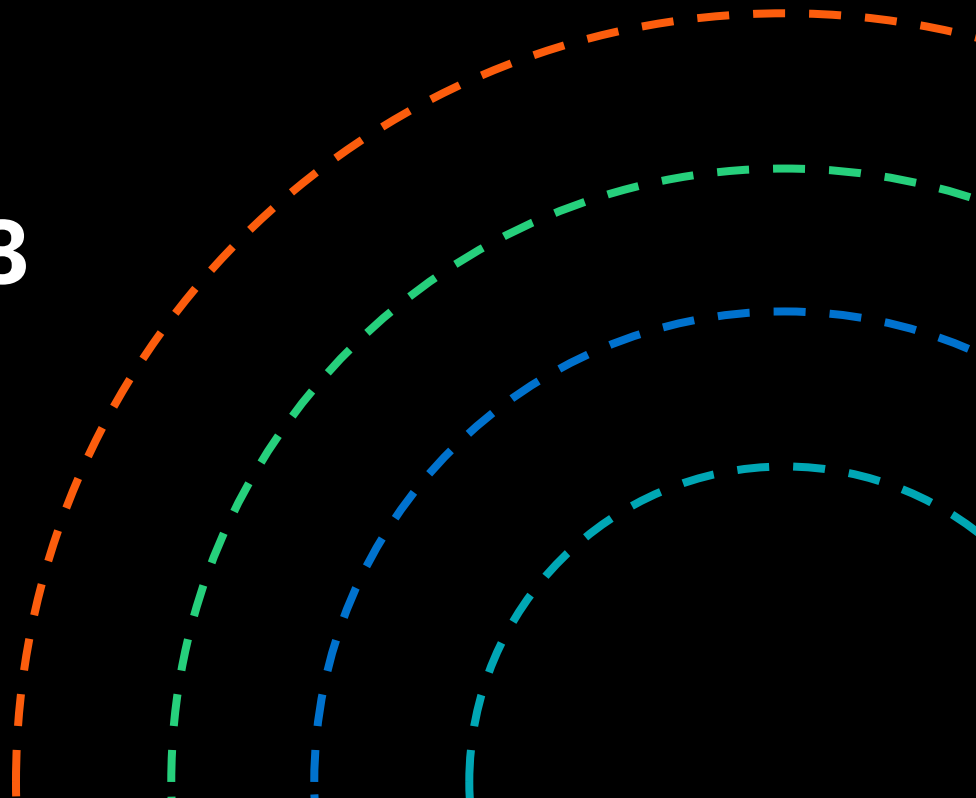


# Camunda Platform 8

**Code Studio**

hosted by your favorite Developer Advocates



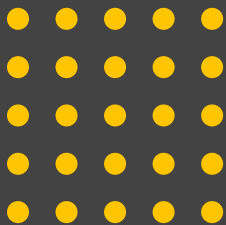


Thomas Heinrich  
Developer Advocate



Josh Wulf  
Developer Advocate

# Agenda



1. Welcome and Introduction
2. What is Camunda Platform 8?
3. Designing a Process

## Break

4. Discover Camunda 8
5. Designing a first draft with User Tasks and Forms
6. Automating the process by implementing a client

## Break

7. Analysing the process using Optimize
8. Conclusion
9. Hangout & Beer

## End

# Useful Links



## GitHub Repository: Camunda-8 Code Studio

<https://github.com/camunda-community-hub/camunda-8-code-studio>

---



## Camunda Platform 8 Documentation

<https://docs.camunda.io/>

---



## Slides

<https://docs.google.com/presentation/d/1cunSqK-OBmFVwxRGxnU43wXDiWkACnLk0ox9Wu8Wixs/edit?usp=sharing>

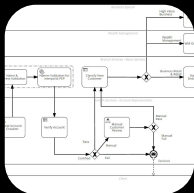
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## Camunda Platform 8 SaaS Sign-up

<https://accounts.cloud.camunda.io/signup>

# What to expect



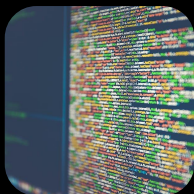
## Applying Modelling Standards

Learn how to use BPMN and DMN to model processes and decisions



## Get-started with Camunda 8

Get some first hands-on experience and learn how to get started quickly.



## Implementing Service Tasks

Learn how to implement a Service Task in a programming language of your choice



## Save the World

By designing and automating the process for our given use-case.

# Scenario Description

## The Hypothetical Zombie Virus (HZV) strikes again!

- In a parallel universe humankind is facing the thread of HZV which can turn humans into zombies.
  - Of course the health departments are equipped badly and it takes too long to notify people to quarantine.
- Goal: Help the health department to scale their quarantine process



### Infections are rising

Infections are rising. We somehow need to avoid this with a quarantine!



### Biohazard Alert

It is our task to save the world from destruction using the power of Process Automation.



### Time crucial

We need a solution in time which is more efficient than working with excel files.

# About Camunda



**2008**

Founded



**300+**

Employees Globally



**100,000+**

Community Members



**6**

Offices Worldwide:  
**America, Asia,  
and Europe**



**500+**

Enterprise  
Customers



**190+**

Countries with people  
using Camunda

# Common Camunda Uses



Top uses of Camunda across three areas of work

## IT Initiatives

- Building a centralized process automation platform
- Replacing a legacy business process management (BPM) suite
- Replacing homegrown workflow technology
- Moving applications to the cloud

## Technical Use Cases

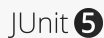
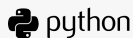
- Human workflow automation
- Microservices orchestration
- RPA bot orchestration
- Decision automation
- Document management

## Business Processes

- Customer onboarding and data management
- Order management
- Claims management
- Loan origination
- Risk management and underwriting



**Code + deploy in your preferred language and tooling.**



**Run on your preferred platforms.**



**CAMUNDA**

**Across all endpoints.**



Human  
Work



AI



Business  
Rules



Microservices



RPA



API



IoT

# Camunda Platform 7: The Universal Process Orchestrator

## Design

Developers & business users collaborate to design & deploy processes with Camunda.



### Modeler

Model & deploy business process diagrams with BPMN & DMN.

Available via web and desktop app.



### Forms

Drag & drop creation of forms that power workflows that require human interaction.

## Automate

Enterprise-grade automation platform. Built for today's business complexity, loved by developers.



### Workflow Engine

Automate and orchestrate mission-critical business processes via BPMN.



### Decision Engine

Align IT and the business to automate decisions and orchestrate them as part of end-to-end business processes via DMN.



### Tasklist

Assign and execute tasks that require human interaction via easy-to-use Forms or via your own apps with the Tasklist API.



### Cockpit

Real time visibility to monitor, analyze and resolve problems with any process instance.

## Improve

Operations teams access the insights needed to improve processes.



### Optimize

Get the insights you need to understand and continuously improve your business processes.

# Camunda Platform 8: The Universal Process Orchestrator

## Design

Developers & business users collaborate to design, connect & deploy processes with Camunda.



### Modeler

Model & deploy business process diagrams with BPMN & DMN.

Available via web and desktop app.



### Connectors

Out-of-the-box integrations to easily communicate with popular enterprise applications & protocols.



### Integration Framework

Build & provision your own connectors to any system including homegrown & legacy applications.



### Forms

Drag & drop creation of forms that power workflows that require human interaction.

## Automate

Enterprise-grade automation platform. Built for today's business complexity, loved by developers.



### Zeebe

Next-generation cloud-native workflow engine that unlocks unparalleled speed, scale & resilience.

Open source SDKs in your preferred programming language brings the extensibility you need for your complex business processes.



### Tasklist

Assign and execute tasks that require human interaction via easy-to-use Forms or via your own apps with the Tasklist API.



### Operate

Real-time visibility to monitor, analyze and resolve problems with any process instance.

## Improve

Operations teams access the insights needed to improve processes.



### Optimize

Get the insights you need to understand and continuously improve your business processes.

# Camunda Advantage



## Traditional Approach

## Camunda Approach

Fragmented Processes		.....▶		End-to-End Orchestration
Proprietary		.....▶		Standards-based Collaboration
Tough to Install & Extend		.....▶		Developer-friendly
Blackbox Monoliths		.....▶		Open Architecture
Endless Expense & Maintenance		.....▶		Cost-Effective

# Customers we've helped



## Financial Services



## Insurance



## Telecom



## Media



## Transport & Logistics



## Technology



## Manufacturing



## Public Sector

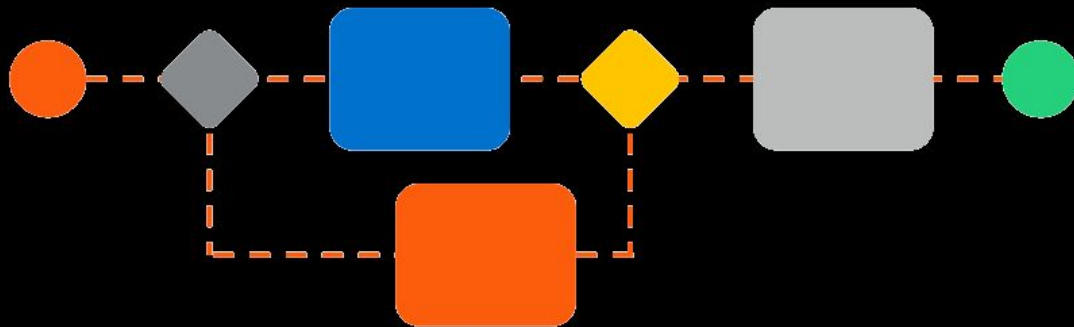


# Hands-on Part

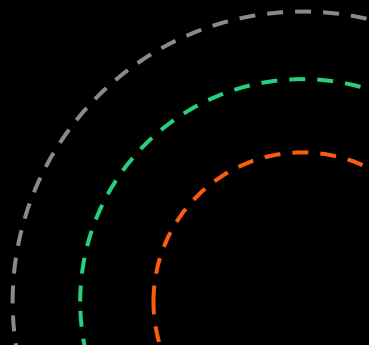
Exercises for the Code Studio



# Design the process!



# Get familiar with Camunda 8







Join at [menti.com](https://menti.com)

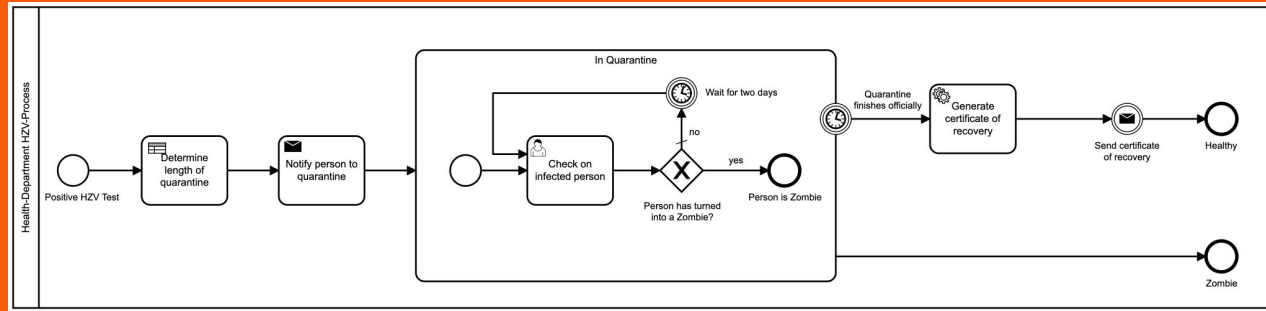
Code:

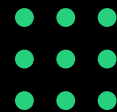
# Design a process with User Tasks and Forms



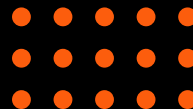
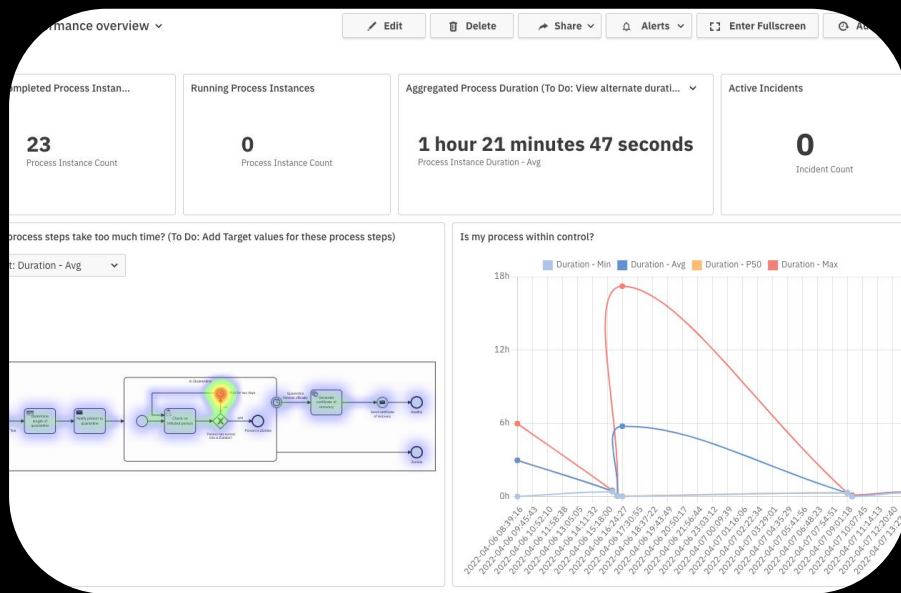
# Automating the process by implementing a client

“





# Analysing the Process using Optimize



# Now you have earned yourself a Beer



Leave some [Feedback!](#)

Well done and thanks a lot for participating  
in this workshop!

