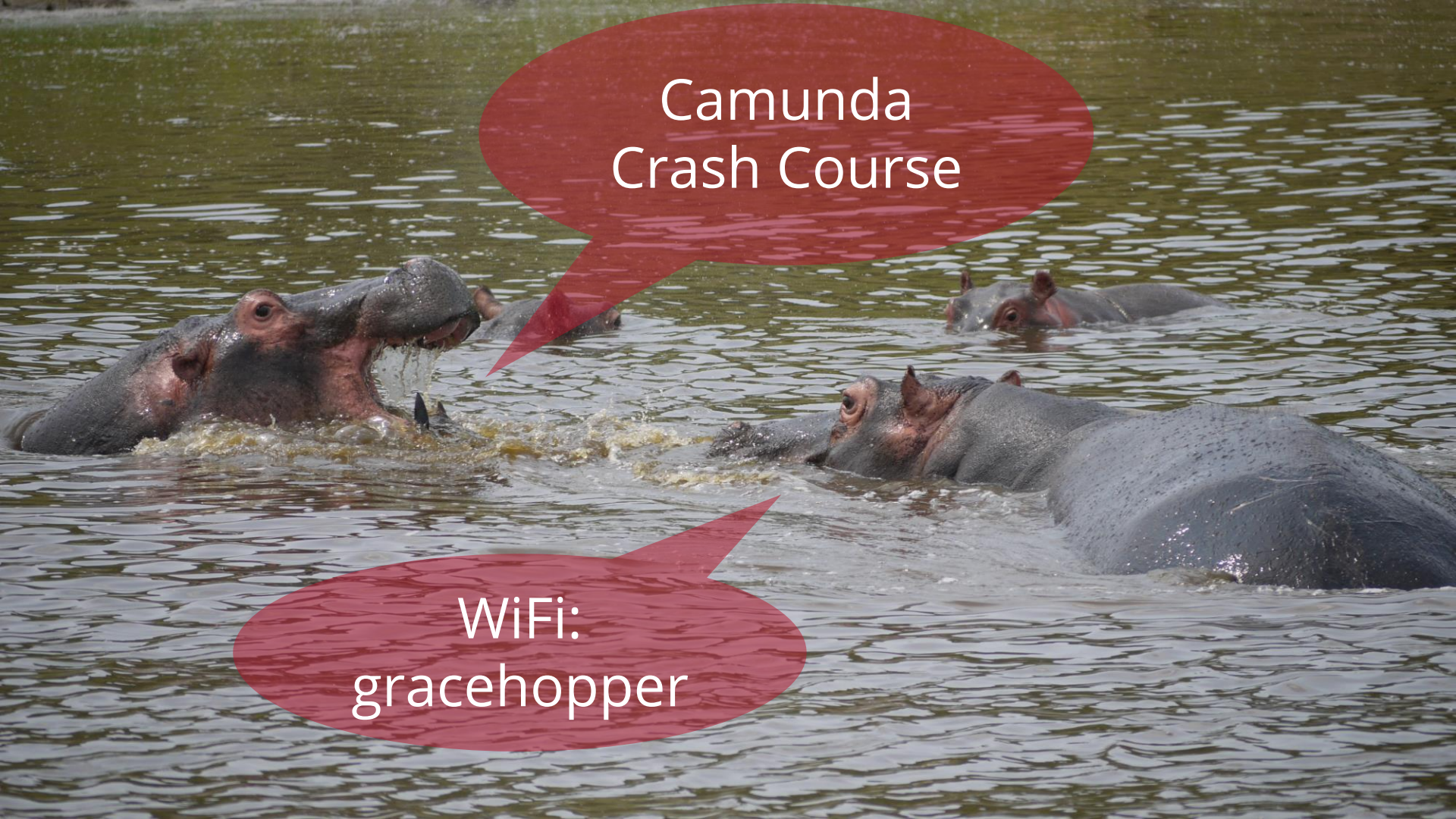
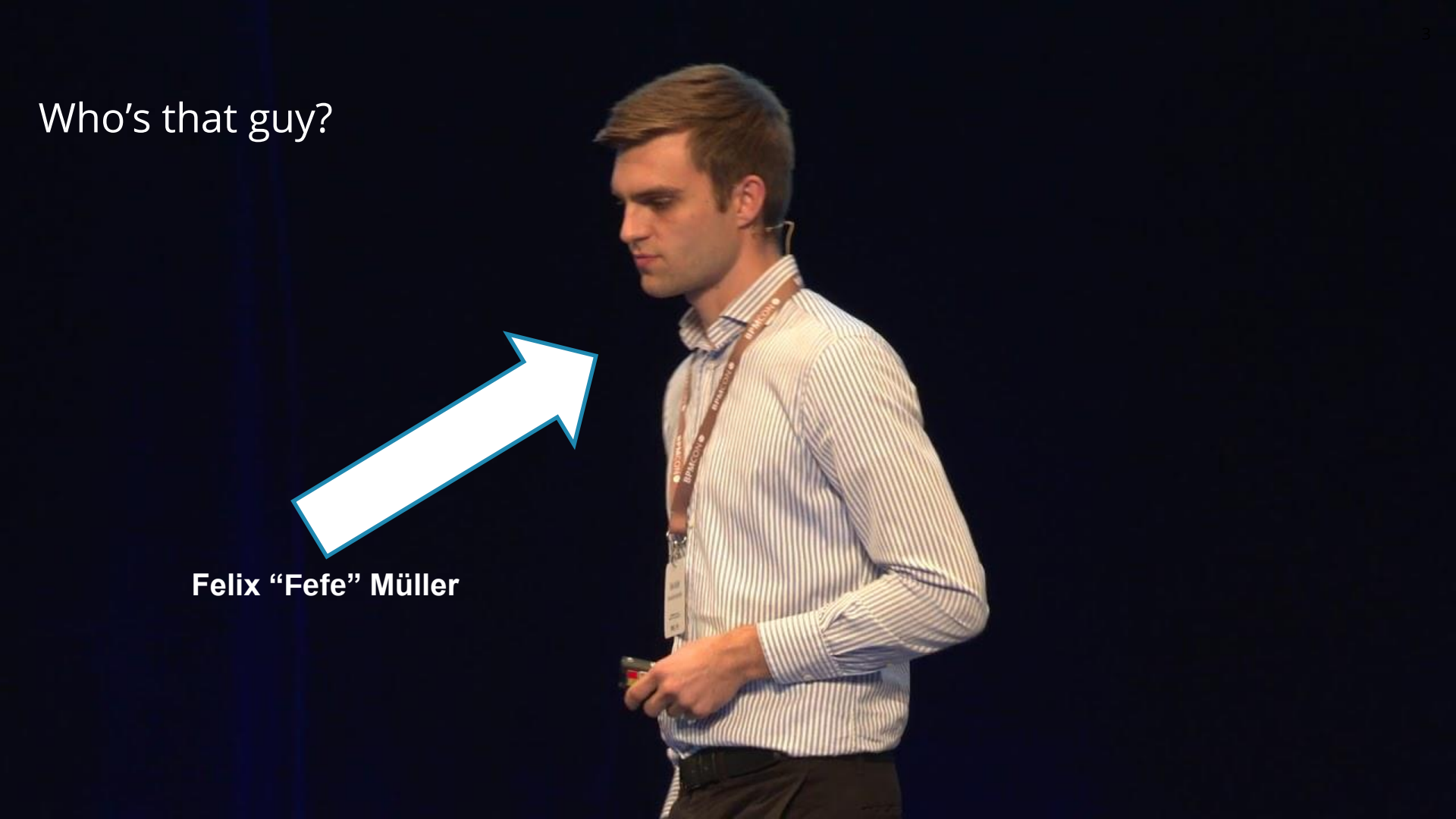

Camunda
Crash Course
WiFi:
gracehopper

Who am I?

Who’s that guy?

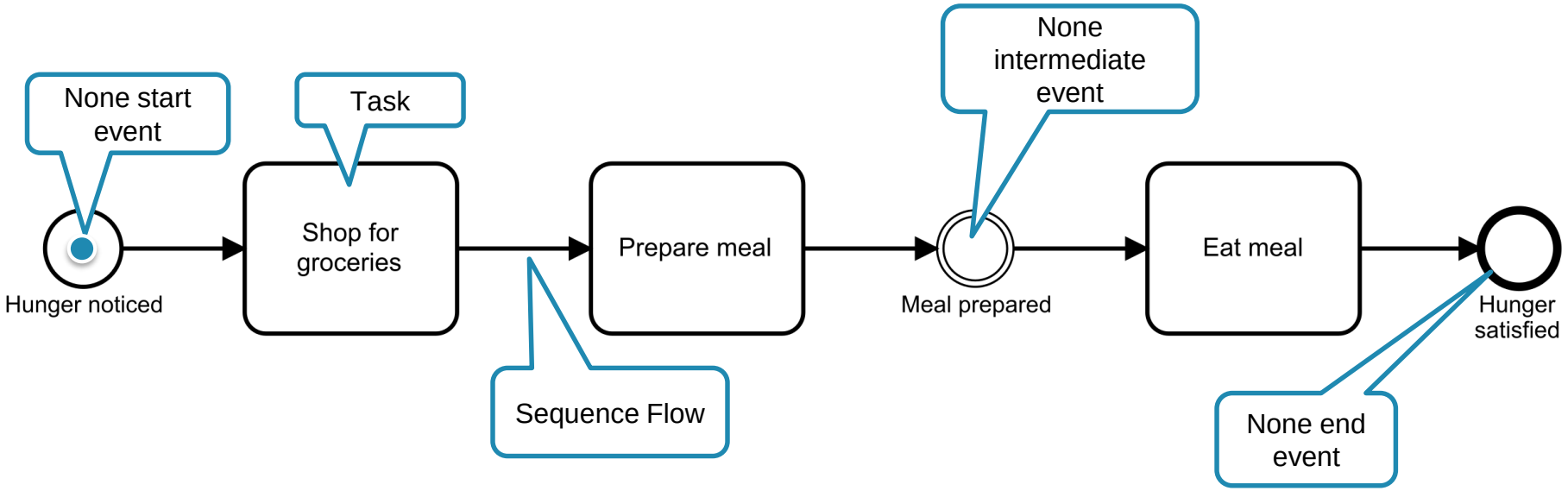


Felix “Fefe” Müller

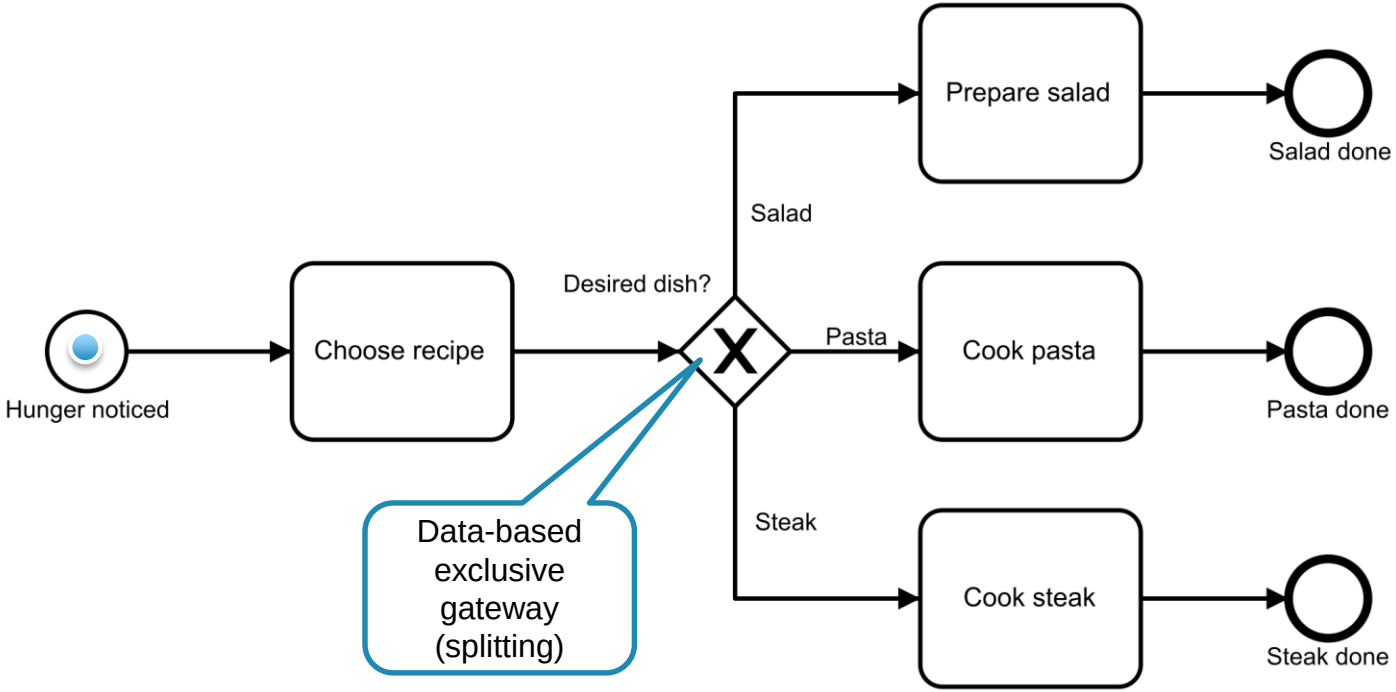
Agenda

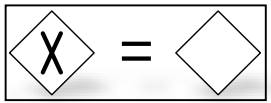
- Intro into Camunda and BPMN
- Setup Camunda
- Build and deploy a process
- Build an external worker
- Add advanced symbols to your process
- Connect optimize to Camunda
- Build reports on data

BPMN 2.0

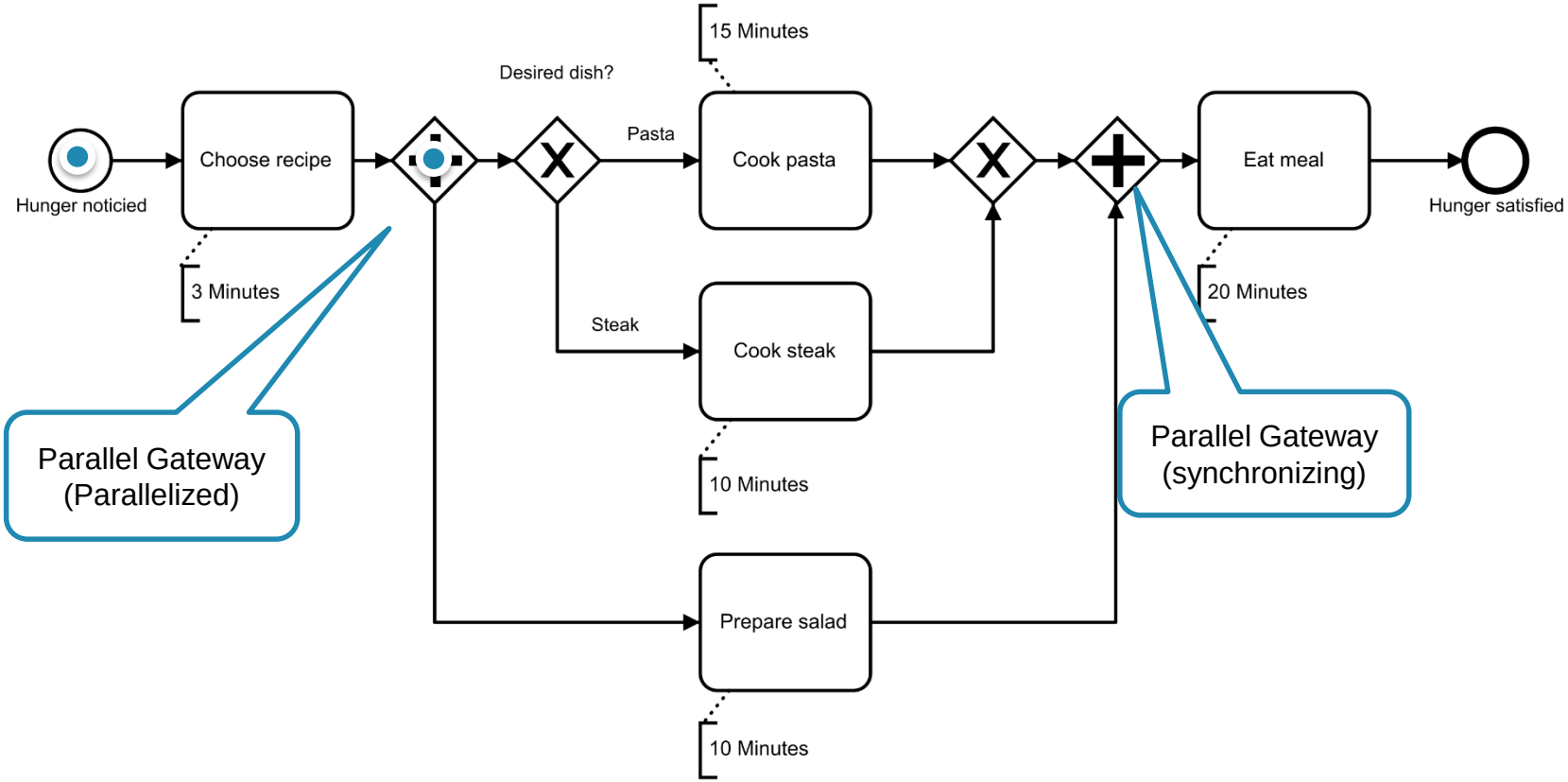

None start event
Task
None intermediate event
Shop for groceries
Prepare meal
Eat meal
Hunger noticed
Meal prepared
Hunger satisfied
Sequence Flow
None end event

The XOR-gateway





Preparing salad and main course at the same time

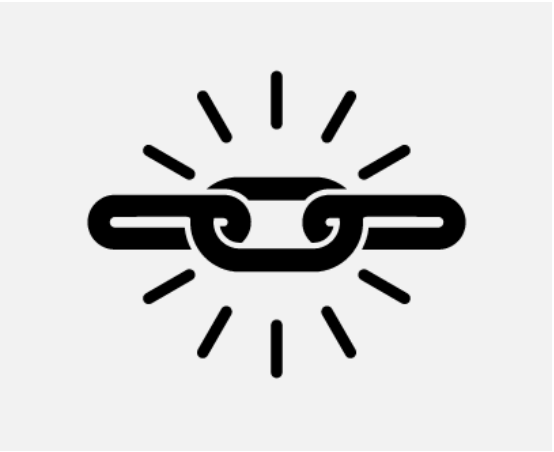


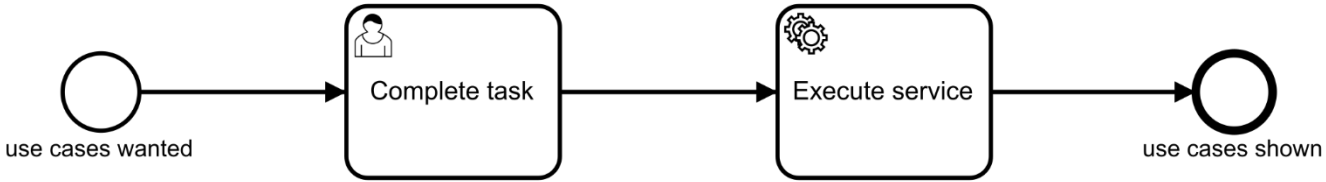
Not BPMN 2.0

Process Automation Use Cases

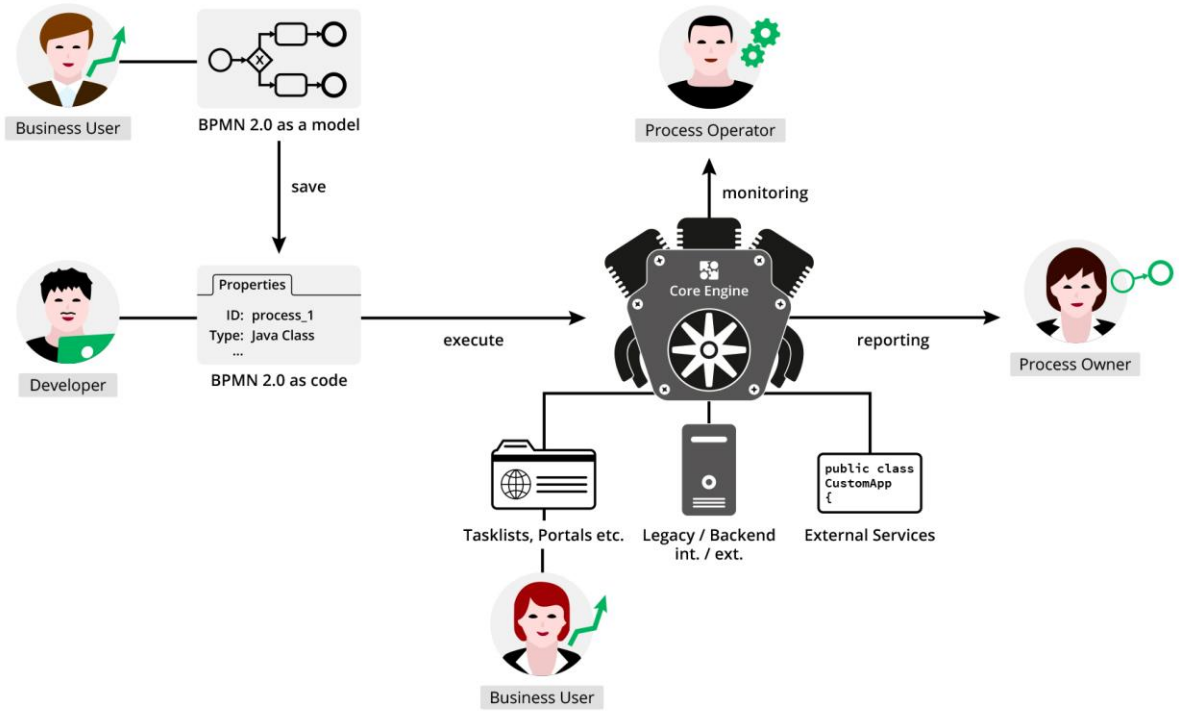
Human Task Management

System Integration

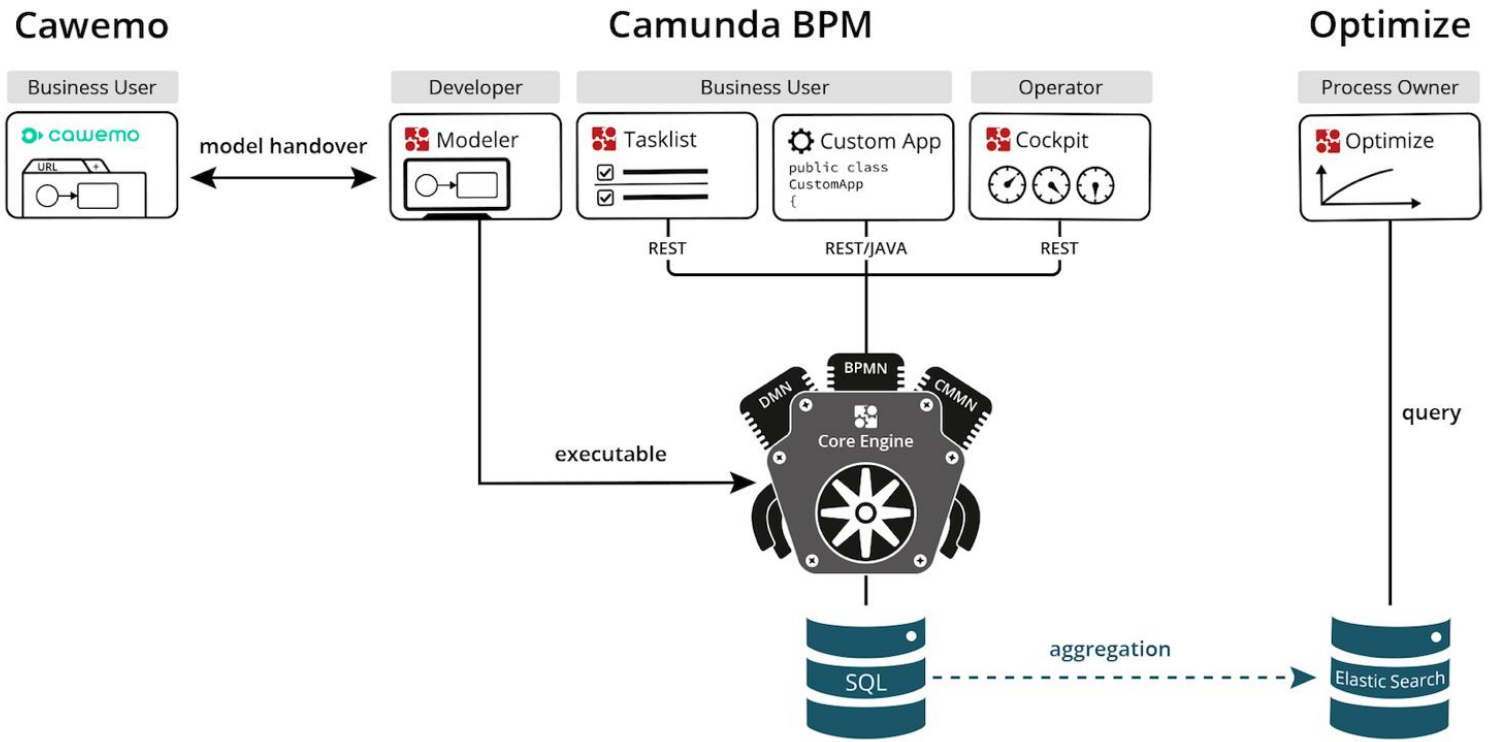




What‘s So Cool About BPMN 2.0

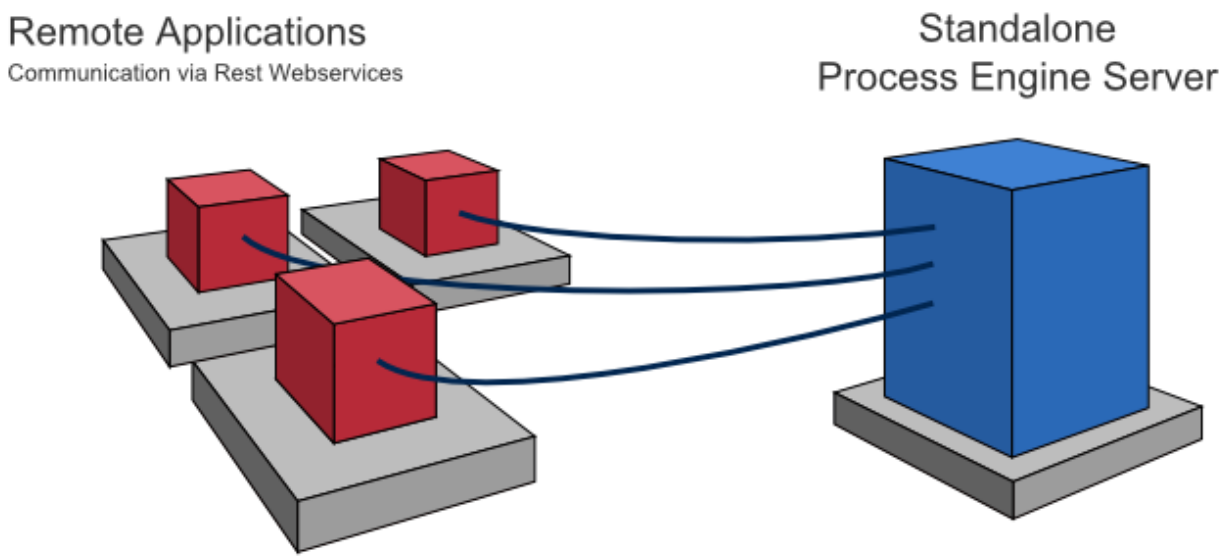


Camunda Ecosystem



Model > **Execute** > **Improve**

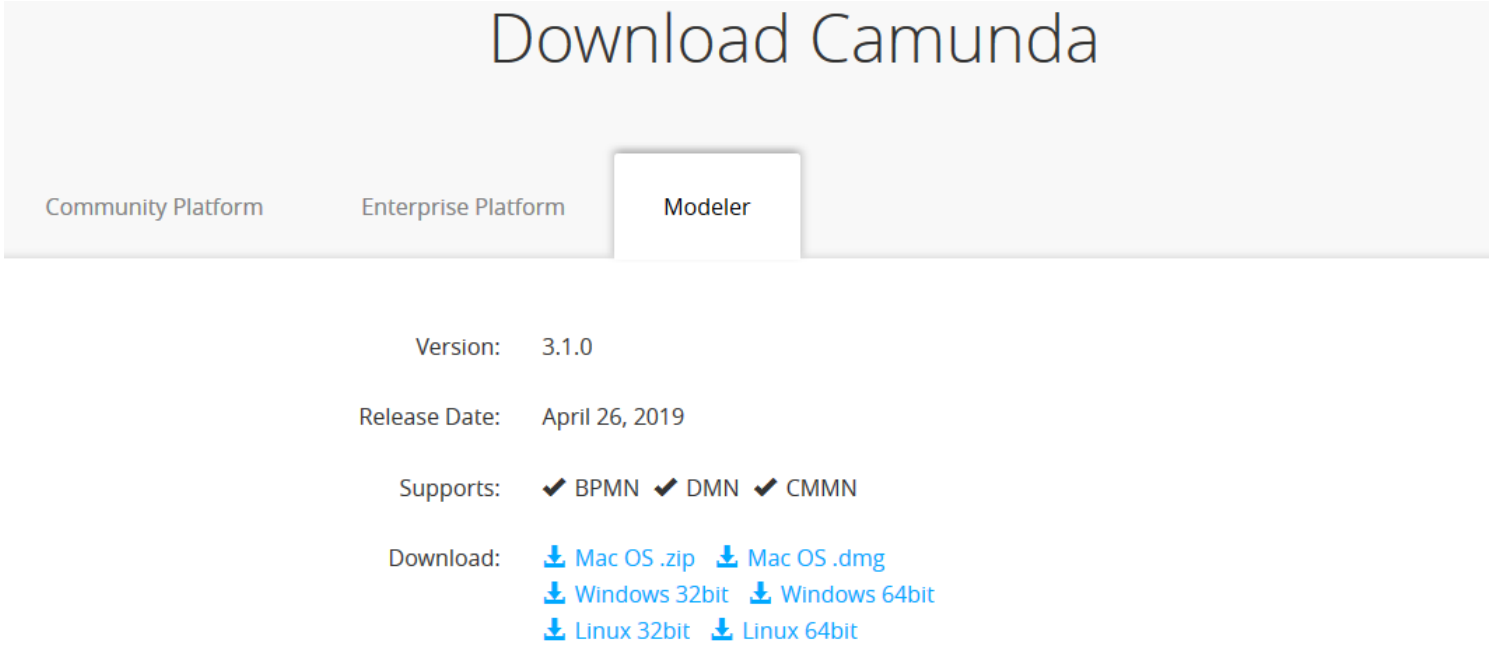
Standalone / Remote Process Engine Server



Lets install stuff!

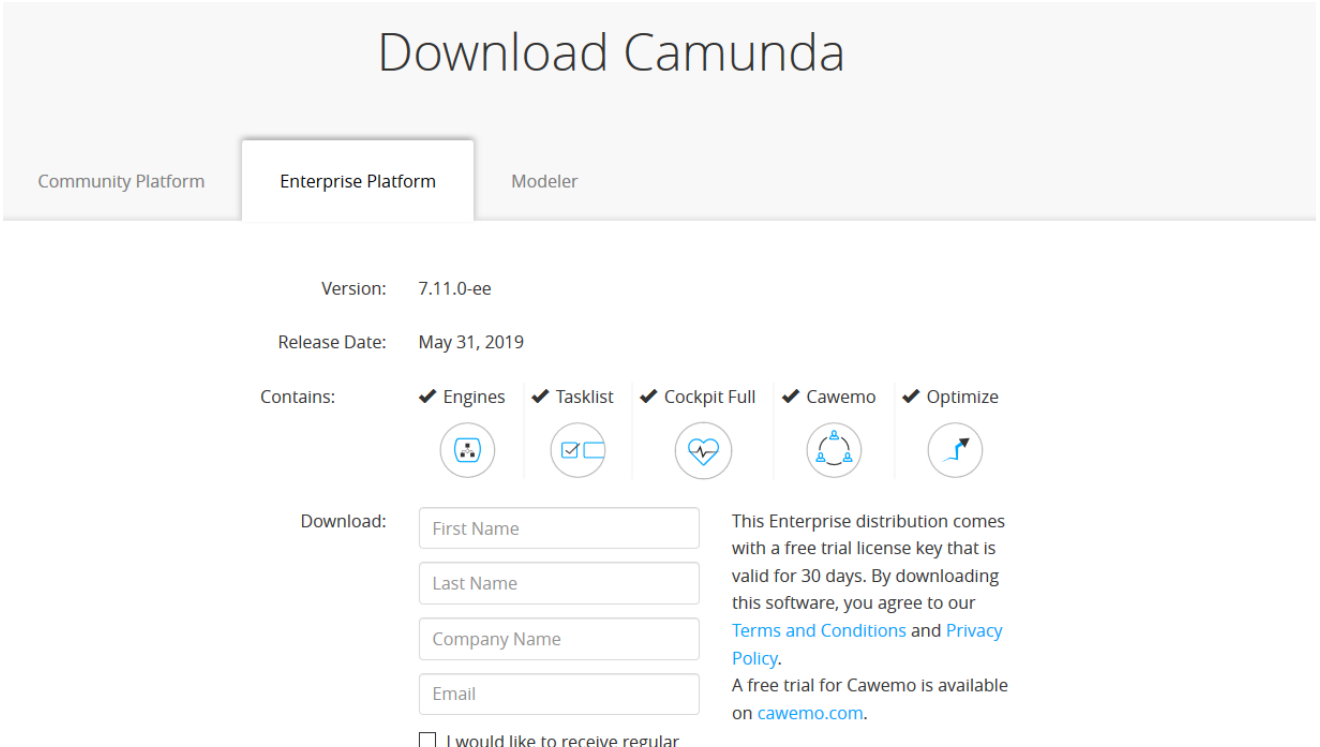
Camunda Modeler

https://camunda.com/download/modeler/



Camunda Platform

https://camunda.com/download/enterprise/

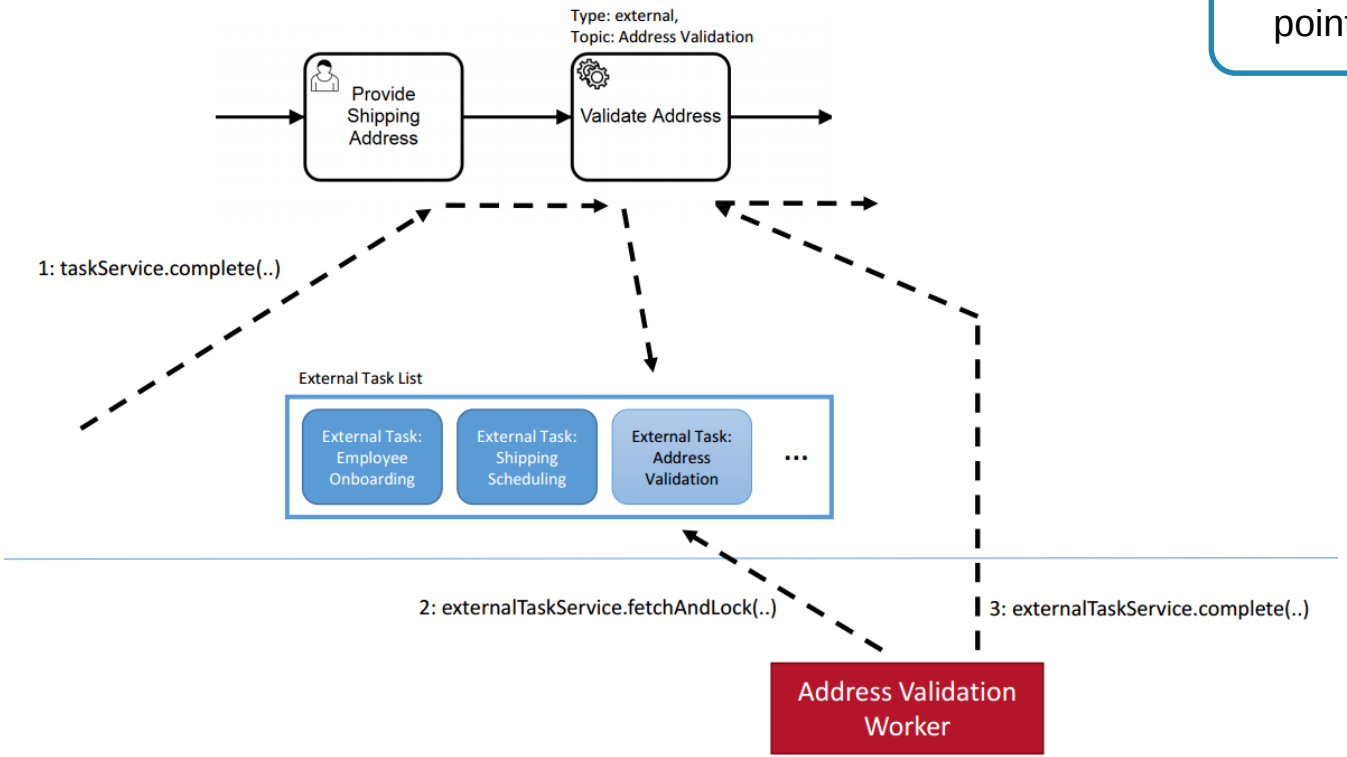


Lets Build a process!

NCC-1701-D

External Service Task: Don't Call Us! We Call You!

From the service point of view



https://docs.camunda.org/manual/latest/user-guide/process-engine/external-tasks/

Workers

https://github.com/camunda/camunda-external-task-client-js

README.md

camunda-external-task-client

build passing

Implement your BPMN Service Task in NodeJS.

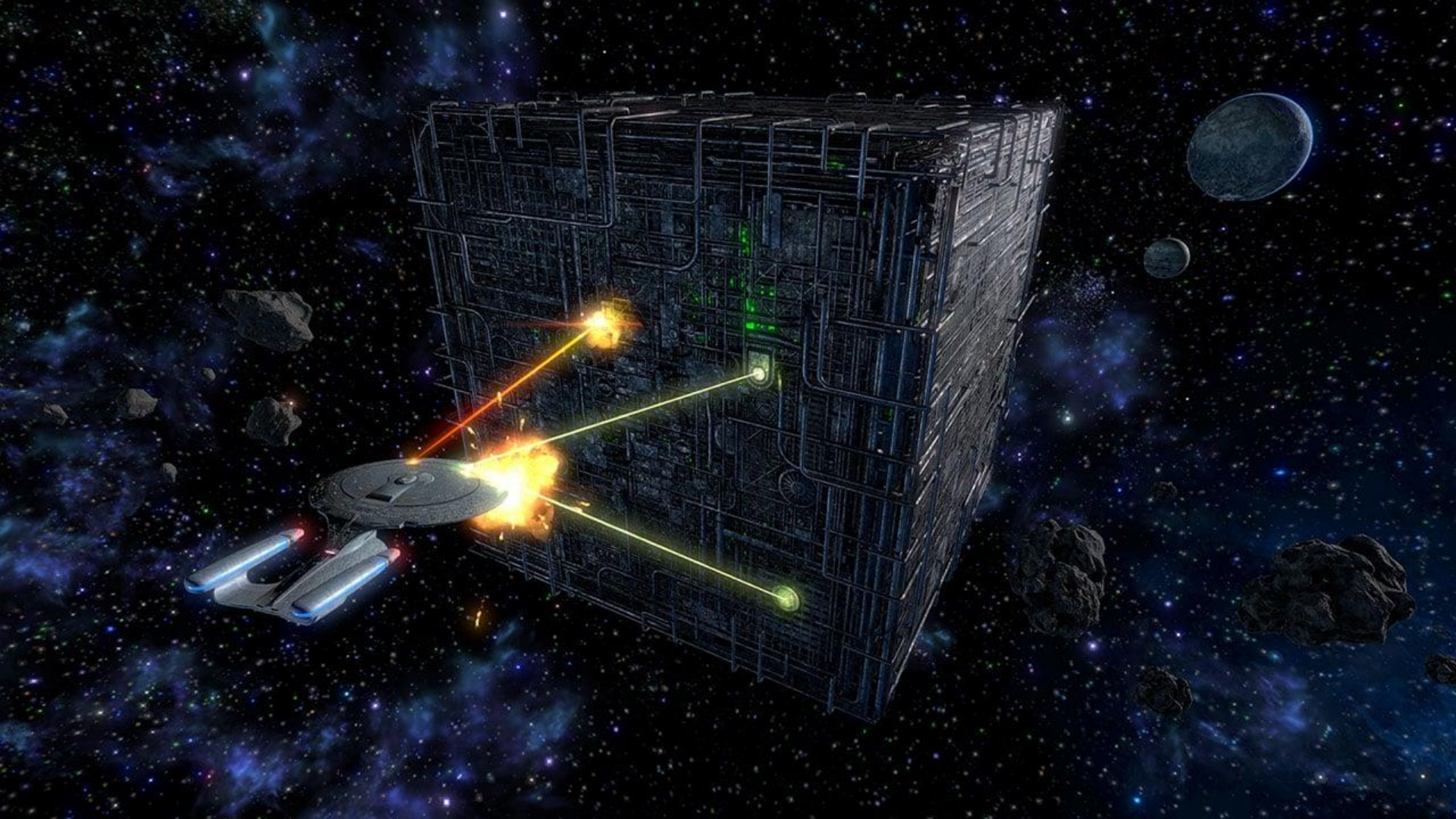
> NodeJS >= v8.9.4 is required

Installing

```
npm install -s camunda-external-task-client-js
```

Or:

```
yarn add camunda-external-task-client-js
```



Optimize!

Installing Optimize

https://docs.camunda.org/enterprise/download/#demo-distribution-with-elasticsearch

Demo Distribution with Elasticsearch

Download this distribution if you want to use Optimize with an embedded Elasticsearch or if you want to get to know Optimize quickly, without any additional setup or installation steps required.

The demo distribution bundles

- Optimize
- The Container / Application Server itself
- Configuration files and plugin folder
- Elasticsearch

To install the demo distribution, please download one of the following archives:

Name	Version	Supported Engine Versions	Supported Elasticsearch Versions	Release Date	Download
Camunda Optimize	2.5.0-alpha2	7.9.12+, 7.10.6+, 7.11+	6.2.0+, 6.3.1+, 6.4.0+, 6.5.0+	29.05.2019	zip tar.gz

Reports

- Which is the most used solution?
- Which takes longer – finding out the problem or finding out the solution
- Is it faster if you get advice or not?
- Which crew member is asked for advice the least?