

A photograph of three hippos in a river. One hippo on the left is splashing water with its mouth open. Another hippo is in the center-right, and a third is in the background. Two red speech bubbles are overlaid on the image. The first bubble, at the top, contains the text 'Camunda Crash Course'. The second bubble, at the bottom, contains the text 'WiFi: gracehopper'.

Camunda
Crash Course

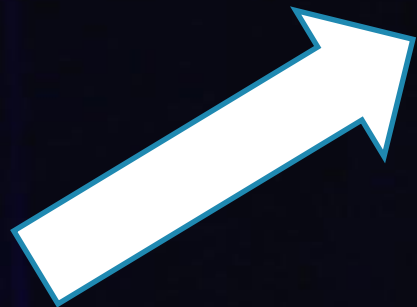
WiFi:
gracehopper



Who am I?



Who's that guy?



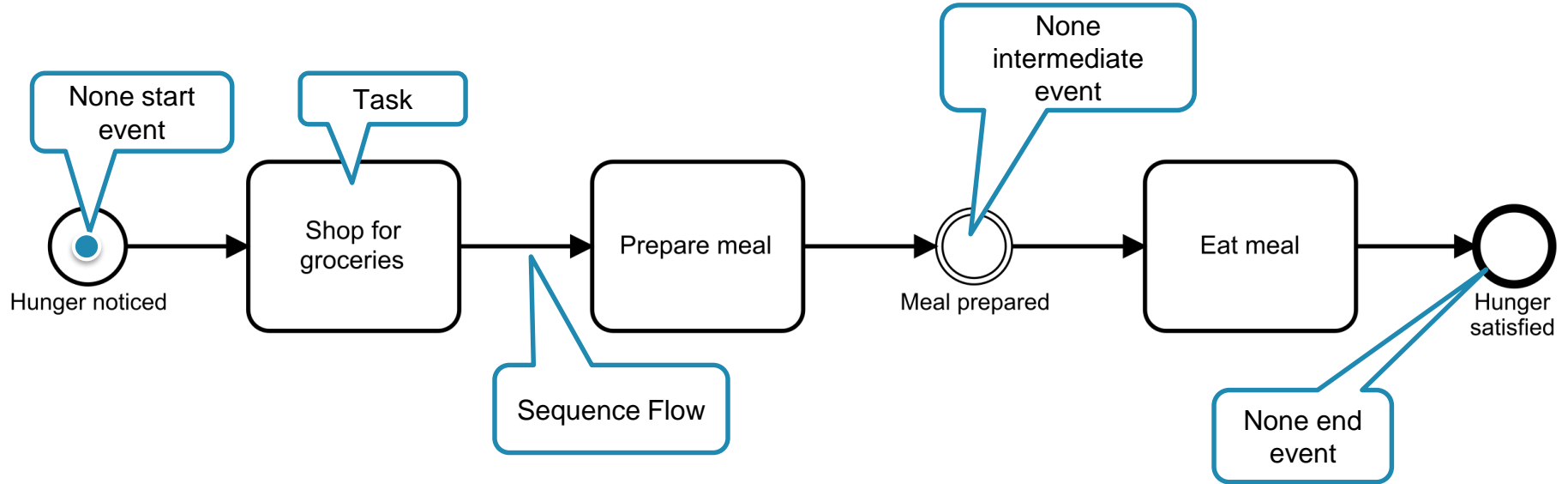
Felix “Fefe” Müller



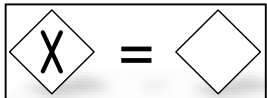
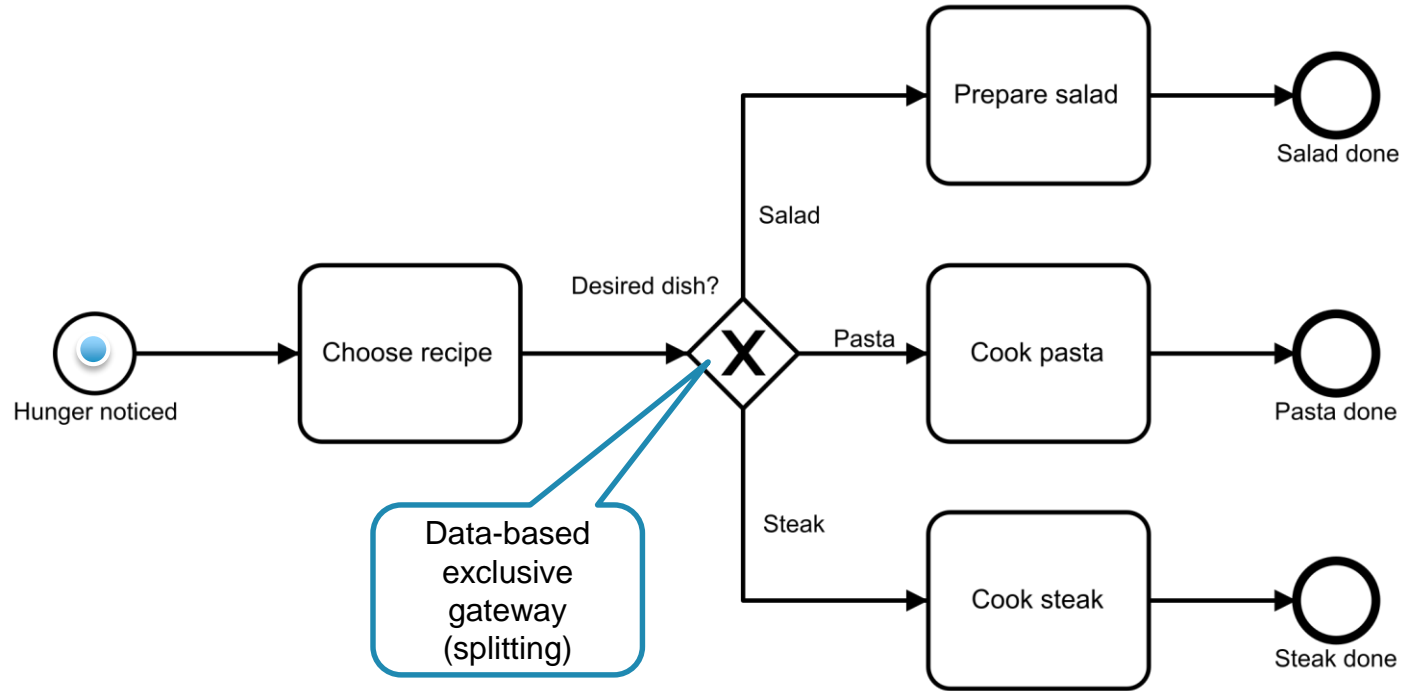
Agenda

- 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

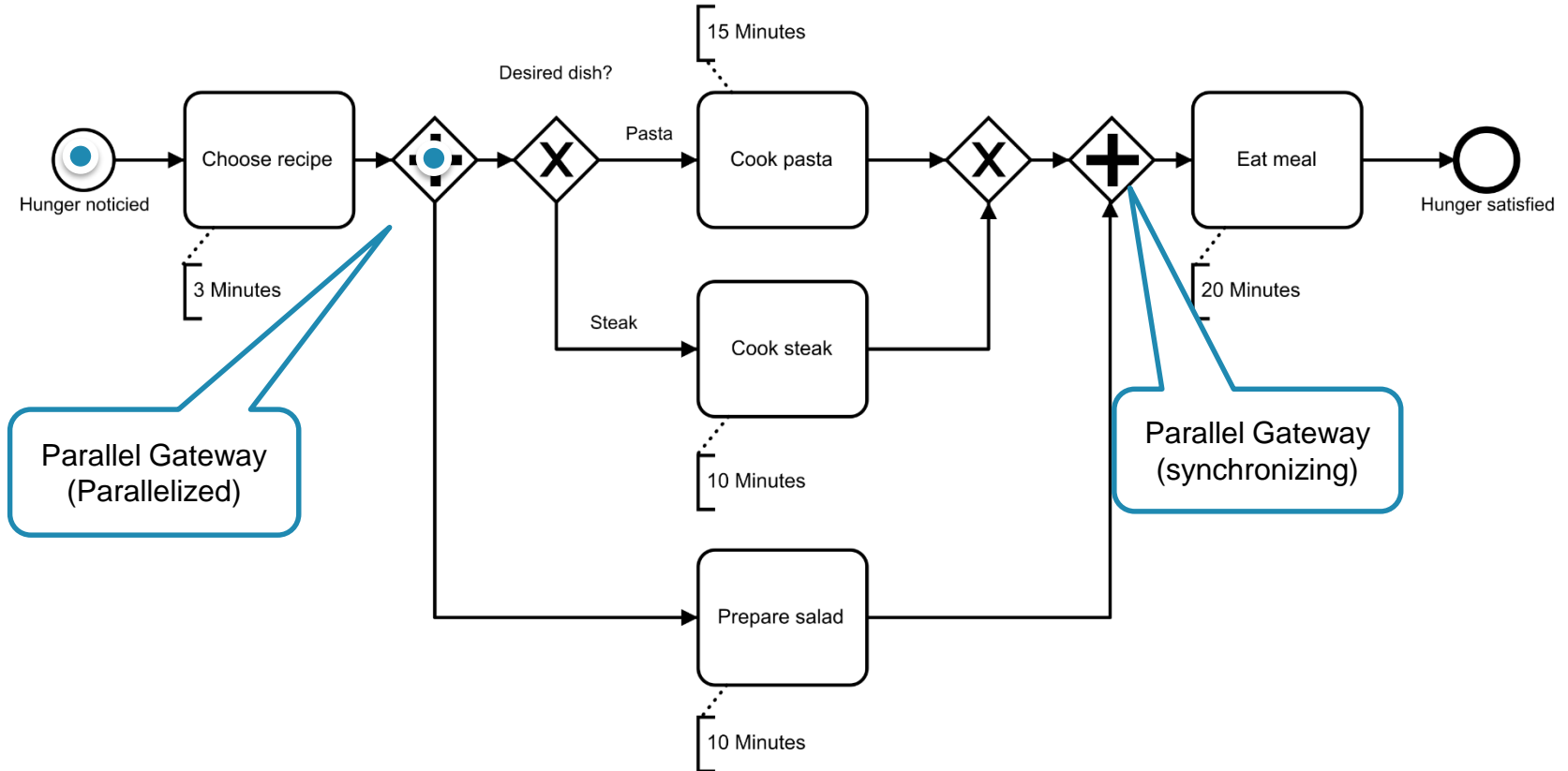
BPMN 2.0



The XOR-gateway



Preparing salad and main course at the same time





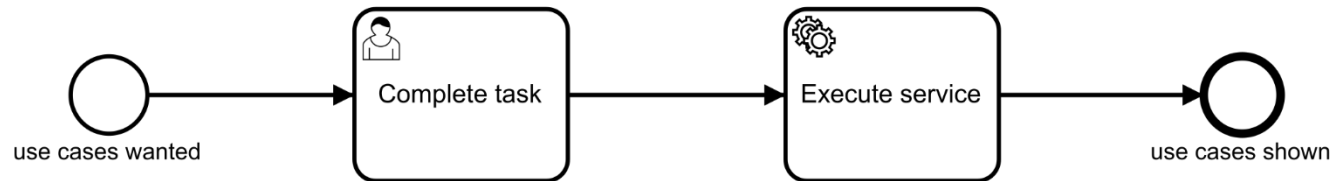
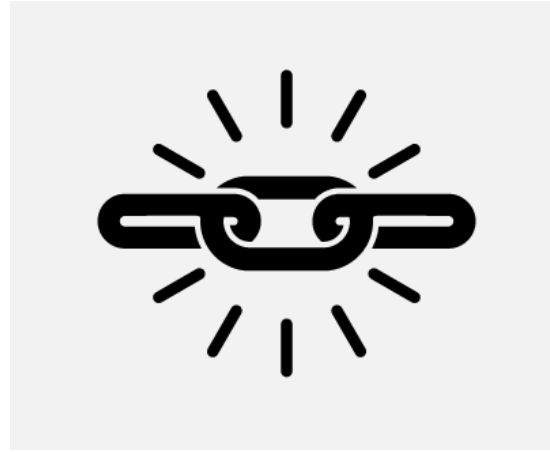
Not BPMN 2.0

Process Automation Use Cases

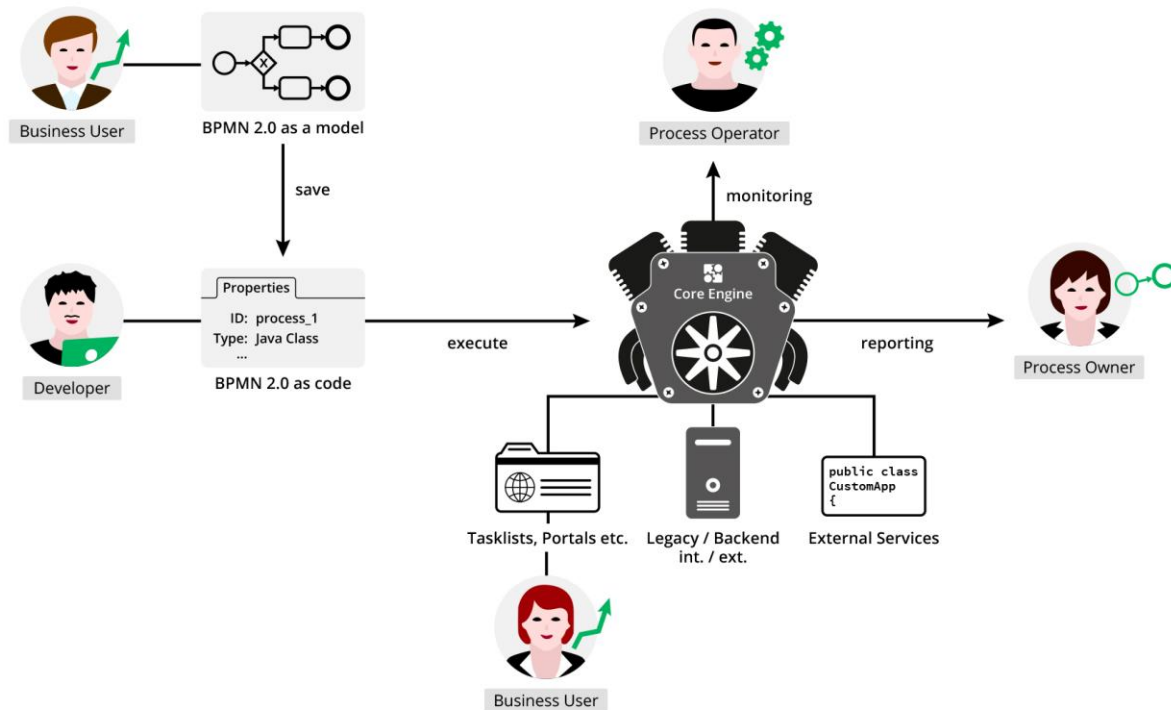
Human Task Management



System Integration

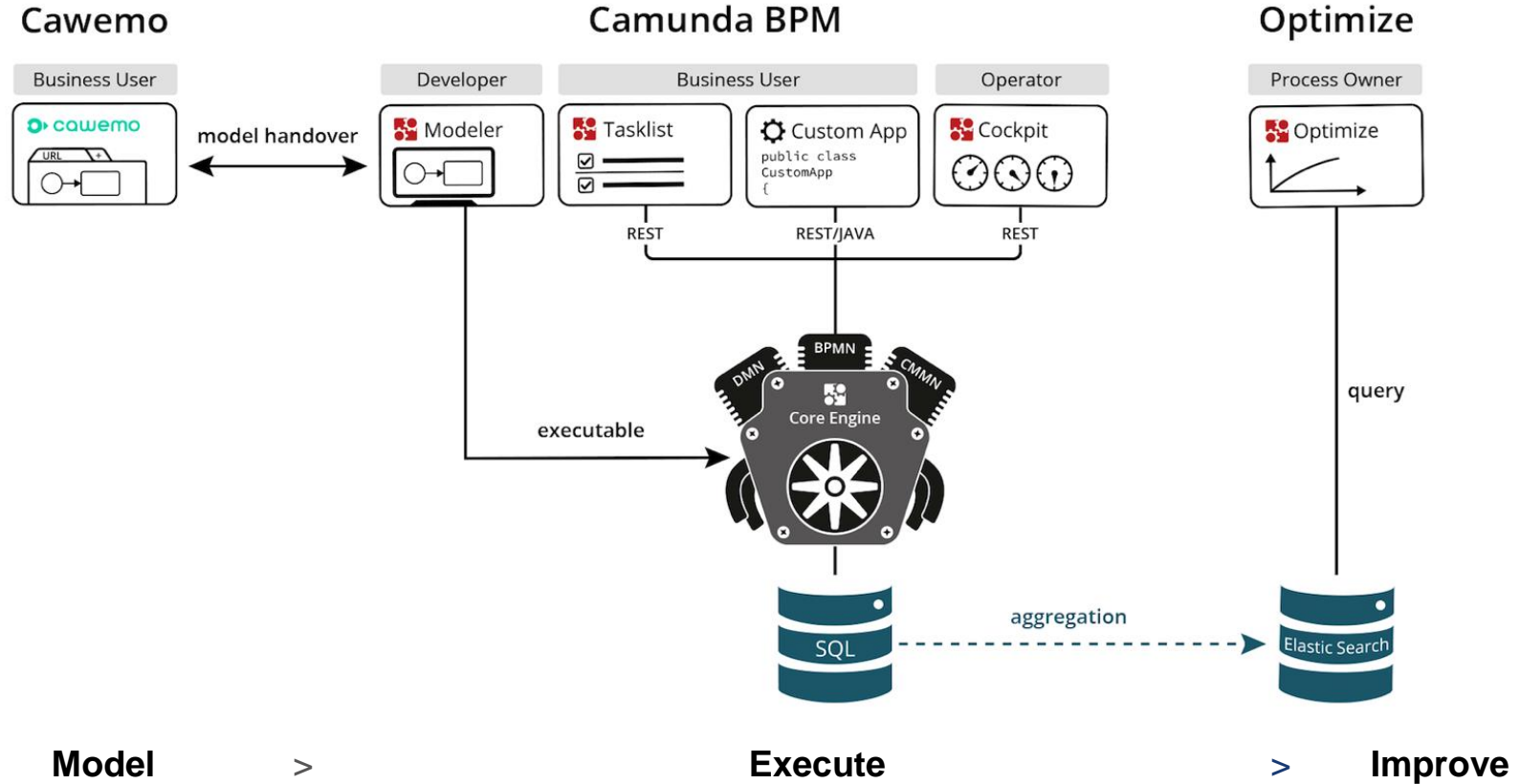


What's So Cool About BPMN 2.0





Camunda Ecosystem

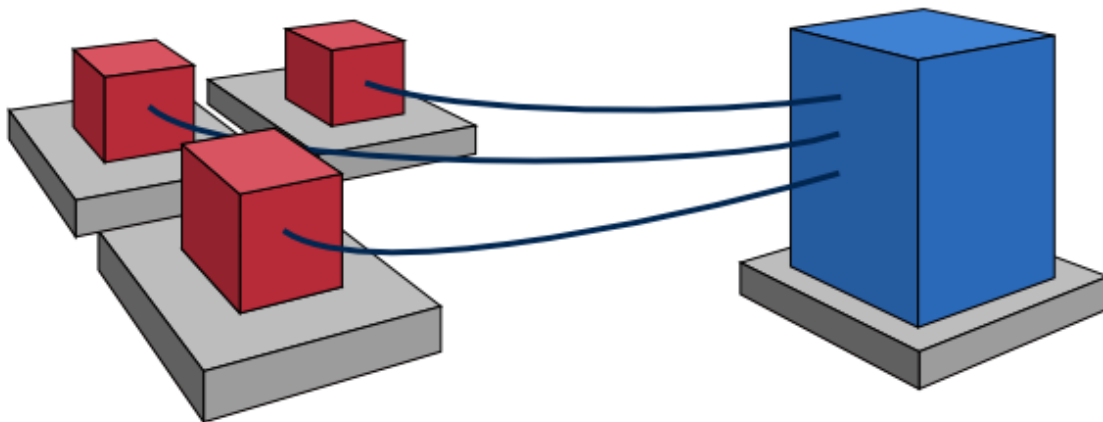



Standalone / Remote Process Engine Server

Remote Applications

Communication via Rest Webservices

Standalone
Process Engine Server

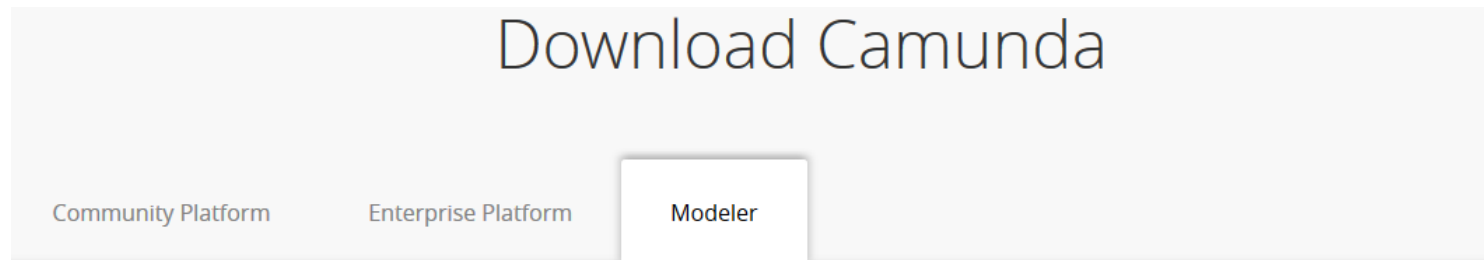


A photograph of a hippopotamus in a body of water. The hippo's head is above the surface, and its mouth is wide open, showing its pink interior and teeth. A red speech bubble is positioned above the hippo's head, containing the text "Lets install stuff!". In the background, another hippopotamus is partially visible, submerged in the water. The shoreline is covered with green grass and some rocks.

Lets install
stuff!

Camunda Modeler

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



Version: 3.1.0

Release Date: April 26, 2019

Supports: ✓ BPMN ✓ DMN ✓ CMMN

Download: [⬇ Mac OS .zip](#) [⬇ Mac OS .dmg](#)
[⬇ Windows 32bit](#) [⬇ Windows 64bit](#)
[⬇ Linux 32bit](#) [⬇ Linux 64bit](#)

Camunda Platform

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

Download Camunda

Community PlatformEnterprise PlatformModeler

Version: 7.11.0-ee

Release Date: May 31, 2019

Contains:

✓ Engines

✓ Tasklist

✓ Cockpit Full

✓ Cawemo

✓ Optimize

Download:

First Name

Last Name

Company Name

Email

☐ I would like to receive regular

This Enterprise distribution comes with a free trial license key that is valid for 30 days. By downloading this software, you agree to our [Terms and Conditions](#) and [Privacy Policy](#).

A free trial for Cawemo is available on [cawemo.com](#).

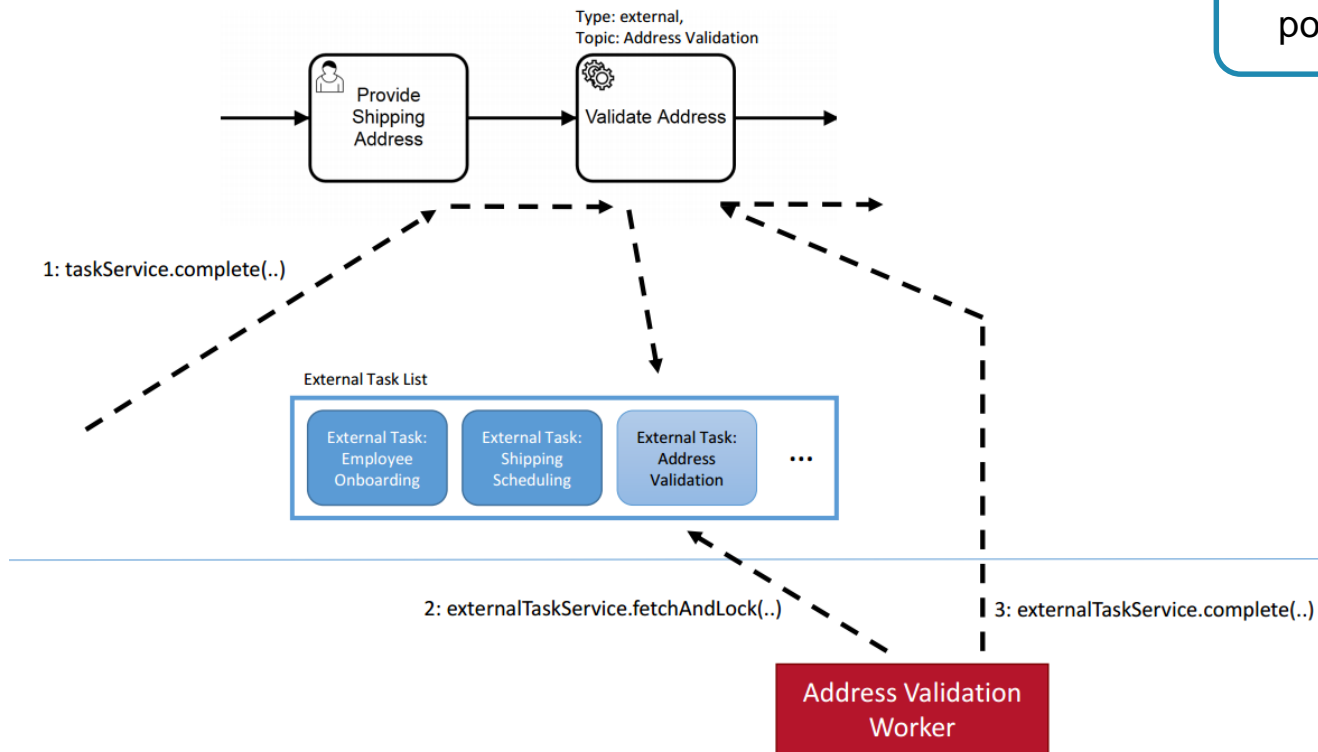
Lets Build a
process!





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

From the service point of view



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.

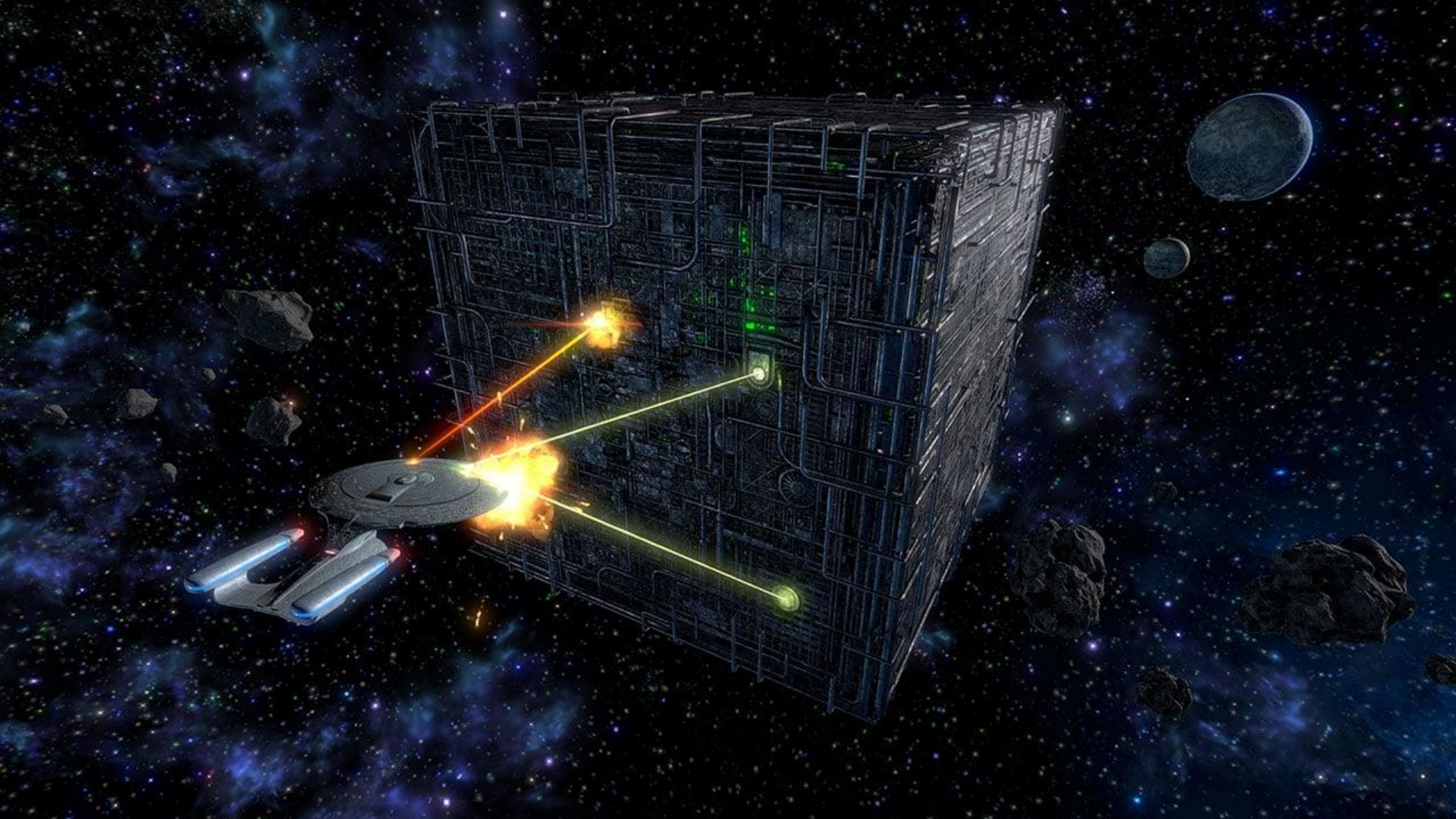
NodeJS >= v8.9.4 is required

Installing

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

Or:

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



Optimize!

A photograph of two hippos in a body of water. The hippo on the right is facing the camera with its mouth wide open, showing its teeth and tongue. The hippo on the left is also facing the camera with its mouth open. A large, semi-transparent red speech bubble is positioned above the hippos, containing the word 'Optimize!' in white text. The background shows a grassy bank and some rocks.

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	<div>zip</div> <div>tar.gz</div>

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?