Implementar un flujo de trabajo

Recursos Relacionados

- Conceptos básicos de flujo de trabajo
- Introducción a BPMN

Prerrequisitos

1. Ejecución de Zeebe Broker con punto final `localhost:26500` (predeterminado)

WorkflowDeployer.java

Fuente en github

```java
/*
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 */
package io.zeebe.example.workflow;

import io.zeebe.client.ZeebeClient;
import io.zeebe.client.ZeebeClientBuilder;
import io.zeebe.client.api.response.DeploymentEvent;

public class WorkflowDeployer {

  public static void main(final String[] args) {
    final String broker = "localhost:26500";

    final ZeebeClientBuilder clientBuilder =

ZeebeClient.newClientBuilder().brokerContactPoint(broker).usePlaintext();

    try (ZeebeClient client = clientBuilder.build()) {

      final DeploymentEvent deploymentEvent =

client.newDeployCommand().addResourceFromClasspath("demoProcess.bpmn").send().join();

      System.out.println("Deployment created with key: " +
deploymentEvent.getKey());
    }
  }
}
```

demoProcess.bpmn

[Fuente en github](#)

Descargue el XML y guárdelo en el classpath de Java antes de ejecutar el ejemplo. Abra el archivo con Zeebe Modeler para obtener una representación gráfica.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<bpmn:definitions xmlns:bpmn="http://www.omg.org/spec/BPMN/20100524/MODEL"
xmlns:bpmndi="http://www.omg.org/spec/BPMN/20100524/DI"
xmlns:di="http://www.omg.org/spec/DD/20100524/DI"
xmlns:dc="http://www.omg.org/spec/DD/20100524/DC"
xmlns:camunda="http://camunda.org/schema/1.0/bpmn"
xmlns:zeebe="http://camunda.org/schema/zeebe/1.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" id="Definitions_1"
targetNamespace="http://bpmn.io/schema/bpmn" exporter="Camunda Modeler"
exporterVersion="1.5.0-nightly">
  <bpmn:process id="demoProcess" isExecutable="true">
    <bpmn:startEvent id="start" name="start">
      <bpmn:outgoing>SequenceFlow_1sz6737</bpmn:outgoing>
    </bpmn:startEvent>
    <bpmn:sequenceFlow id="SequenceFlow_1sz6737" sourceRef="start"
targetRef="taskA" />
    <bpmn:sequenceFlow id="SequenceFlow_06ytcxw" sourceRef="taskA"
targetRef="taskB" />
    <bpmn:sequenceFlow id="SequenceFlow_1oh45y7" sourceRef="taskB"
targetRef="taskC" />
    <bpmn:endEvent id="end" name="end">
      <bpmn:incoming>SequenceFlow_148rk2p</bpmn:incoming>
    </bpmn:endEvent>
    <bpmn:sequenceFlow id="SequenceFlow_148rk2p" sourceRef="taskC"
targetRef="end" />
    <bpmn:serviceTask id="taskA" name="task A">
      <bpmn:extensionElements>
        <zeebe:taskDefinition type="foo" />
      </bpmn:extensionElements>
      <bpmn:incoming>SequenceFlow_1sz6737</bpmn:incoming>
      <bpmn:outgoing>SequenceFlow_06ytcxw</bpmn:outgoing>
    </bpmn:serviceTask>
    <bpmn:serviceTask id="taskB" name="task B">
      <bpmn:extensionElements>
        <zeebe:taskDefinition type="bar" />
      </bpmn:extensionElements>
      <bpmn:incoming>SequenceFlow_06ytcxw</bpmn:incoming>
      <bpmn:outgoing>SequenceFlow_1oh45y7</bpmn:outgoing>
    </bpmn:serviceTask>
    <bpmn:serviceTask id="taskC" name="task C">
      <bpmn:extensionElements>
        <zeebe:taskDefinition type="foo" />
      </bpmn:extensionElements>
      <bpmn:incoming>SequenceFlow_1oh45y7</bpmn:incoming>
      <bpmn:outgoing>SequenceFlow_148rk2p</bpmn:outgoing>
    </bpmn:serviceTask>
  </bpmn:process>
  <bpmndi:BPMNDiagram id="BPMNDiagram_1">
    <bpmndi:BPMNPlane id="BPMNPlane_1" bpmnElement="demoProcess">
      <bpmndi:BPMNShape id="_BPMNShape_StartEvent_2" bpmnElement="start">
        <dc:Bounds x="173" y="102" width="36" height="36" />
        <bpmndi:BPMNLabel>
          <dc:Bounds x="180" y="138" width="22" height="12" />
        </bpmndi:BPMNLabel>
      </bpmndi:BPMNShape>
      <bpmndi:BPMNEdge id="SequenceFlow_1sz6737_di"
bpmnElement="SequenceFlow_1sz6737">
```

```xml
            <di:waypoint xsi:type="dc:Point" x="209" y="120" />
            <di:waypoint xsi:type="dc:Point" x="310" y="120" />
            <bpmndi:BPMNLabel>
              <dc:Bounds x="260" y="105" width="0" height="0" />
            </bpmndi:BPMNLabel>
          </bpmndi:BPMNEdge>
          <bpmndi:BPMNEdge id="SequenceFlow_06ytcxw_di"
bpmnElement="SequenceFlow_06ytcxw">
            <di:waypoint xsi:type="dc:Point" x="410" y="120" />
            <di:waypoint xsi:type="dc:Point" x="502" y="120" />
            <bpmndi:BPMNLabel>
              <dc:Bounds x="456" y="105" width="0" height="0" />
            </bpmndi:BPMNLabel>
          </bpmndi:BPMNEdge>
          <bpmndi:BPMNEdge id="SequenceFlow_1oh45y7_di"
bpmnElement="SequenceFlow_1oh45y7">
            <di:waypoint xsi:type="dc:Point" x="602" y="120" />
            <di:waypoint xsi:type="dc:Point" x="694" y="120" />
            <bpmndi:BPMNLabel>
              <dc:Bounds x="648" y="105" width="0" height="0" />
            </bpmndi:BPMNLabel>
          </bpmndi:BPMNEdge>
          <bpmndi:BPMNShape id="EndEvent_0gbv3sc_di" bpmnElement="end">
            <dc:Bounds x="867" y="102" width="36" height="36" />
            <bpmndi:BPMNLabel>
              <dc:Bounds x="876" y="138" width="18" height="12" />
            </bpmndi:BPMNLabel>
          </bpmndi:BPMNShape>
          <bpmndi:BPMNEdge id="SequenceFlow_148rk2p_di"
bpmnElement="SequenceFlow_148rk2p">
            <di:waypoint xsi:type="dc:Point" x="794" y="120" />
            <di:waypoint xsi:type="dc:Point" x="867" y="120" />
            <bpmndi:BPMNLabel>
              <dc:Bounds x="831" y="105" width="0" height="0" />
            </bpmndi:BPMNLabel>
          </bpmndi:BPMNEdge>
          <bpmndi:BPMNShape id="ServiceTask_09m0goq_di" bpmnElement="taskA">
            <dc:Bounds x="310" y="80" width="100" height="80" />
          </bpmndi:BPMNShape>
          <bpmndi:BPMNShape id="ServiceTask_0sryj72_di" bpmnElement="taskB">
            <dc:Bounds x="502" y="80" width="100" height="80" />
          </bpmndi:BPMNShape>
          <bpmndi:BPMNShape id="ServiceTask_1xu4l3g_di" bpmnElement="taskC">
            <dc:Bounds x="694" y="80" width="100" height="80" />
          </bpmndi:BPMNShape>
        </bpmndi:BPMNPlane>
      </bpmndi:BPMNDiagram>
    </bpmn:definitions>
```