

CAMUNDA AND VU!



A PRESENTATION IN 2 PARTS

1. BPMN and Business Process Modeling
2. The Camunda Engine

PART 2

BPMN

BPMN

BPMN Stands for "Business Process Model and Notation"

Considered "one of the one of the most important components of successful Business-IT Alignment"

- Camunda

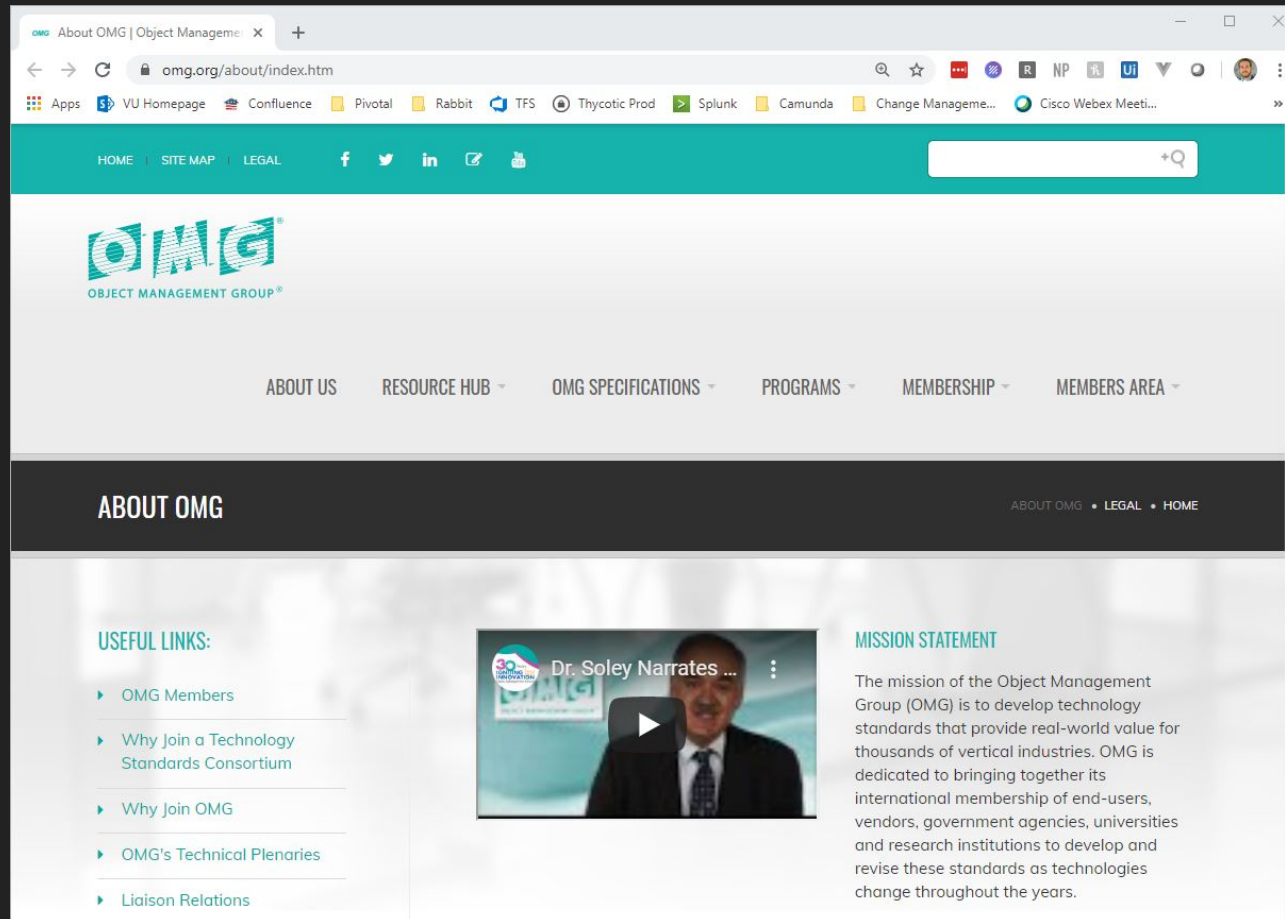
BPMN

Why use BPMN?

- Standard
- Simplicity
- Power of Expression
- Implementation in IT

BPMN

Not Owned by Camunda, but by OMG



BPMN

Not Owned by Camunda, but by OMG

No vendor lock-in!

WHAT DOES BPMN LOOK LIKE?

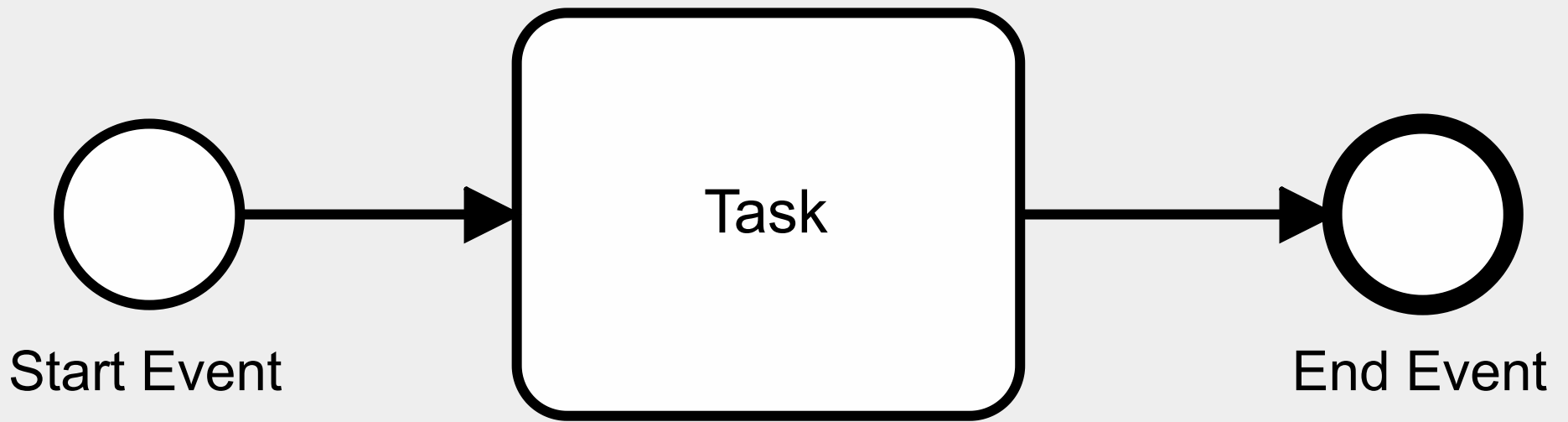
Let's take a quick look at what BPMN diagrams look like

WARNING

All workflows shown in this presentation are
extremely over-simplified!

If you happen to work in a system that is shown,
please know that I know that the actual process is
much more complicated than shown!

OUR FIRST WORKFLOW



TASK TYPES



User Task



Service Task

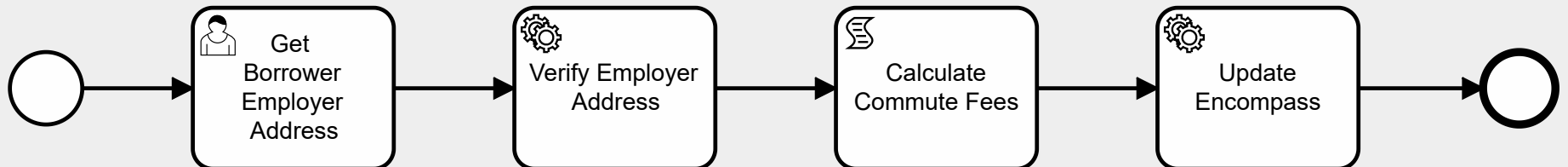


Receive Task

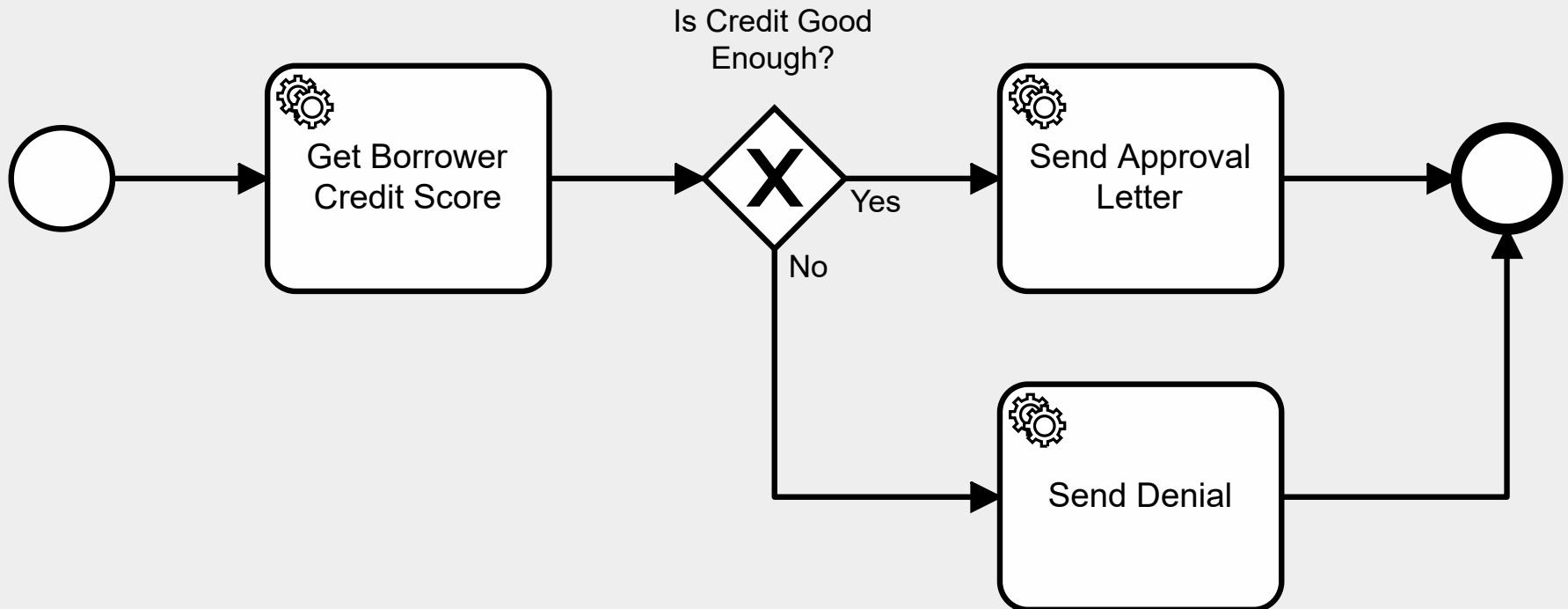


Script Task

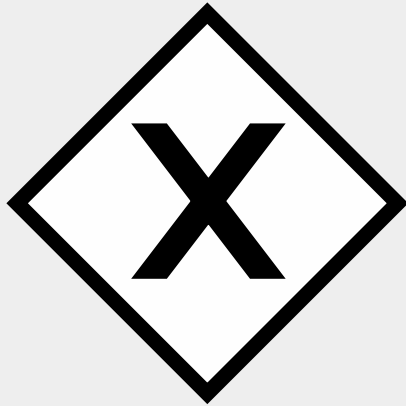
STRING TASKS TOGETHER TO FORM A WORKFLOW



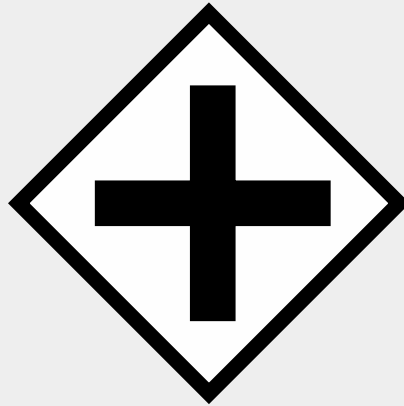
GATEWAYS



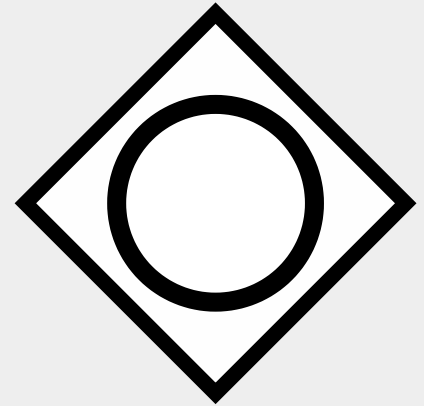
GATEWAY TYPES



Exclusive
Gateway

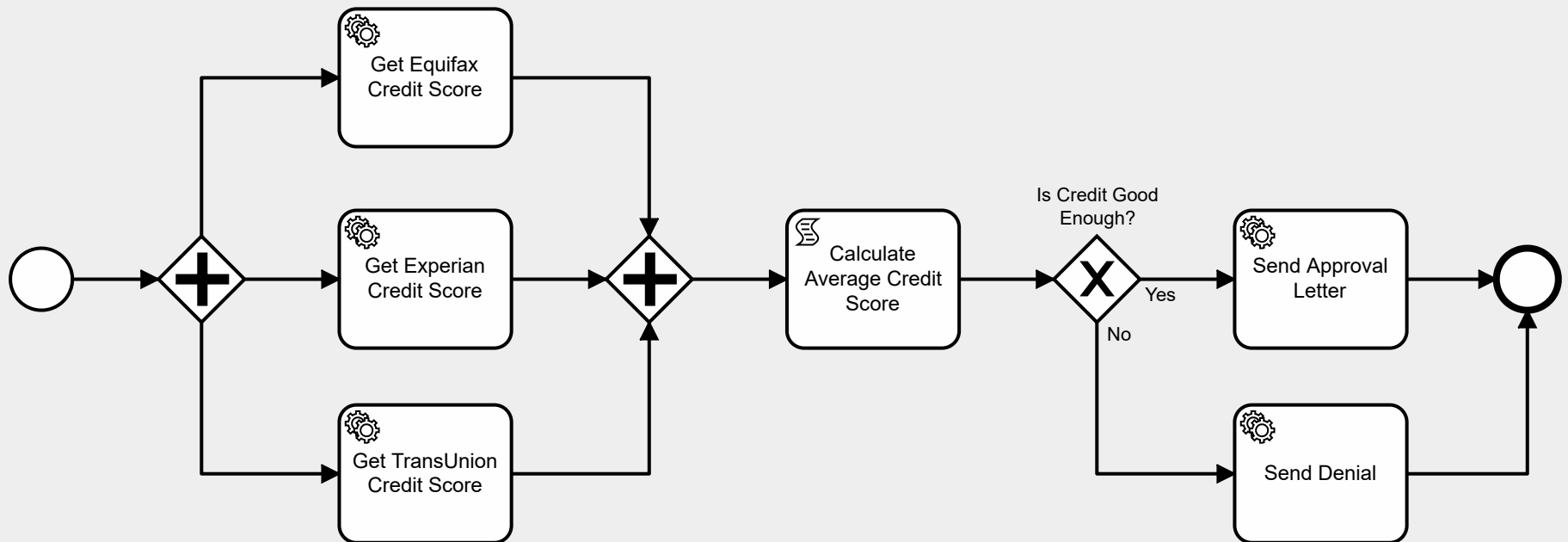


Parallel
Gateway

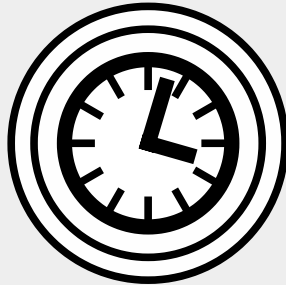


Inclusive
Gateway

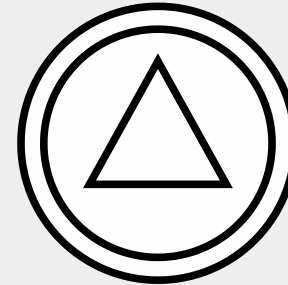
PARALLEL IN ACTION



EVENTS

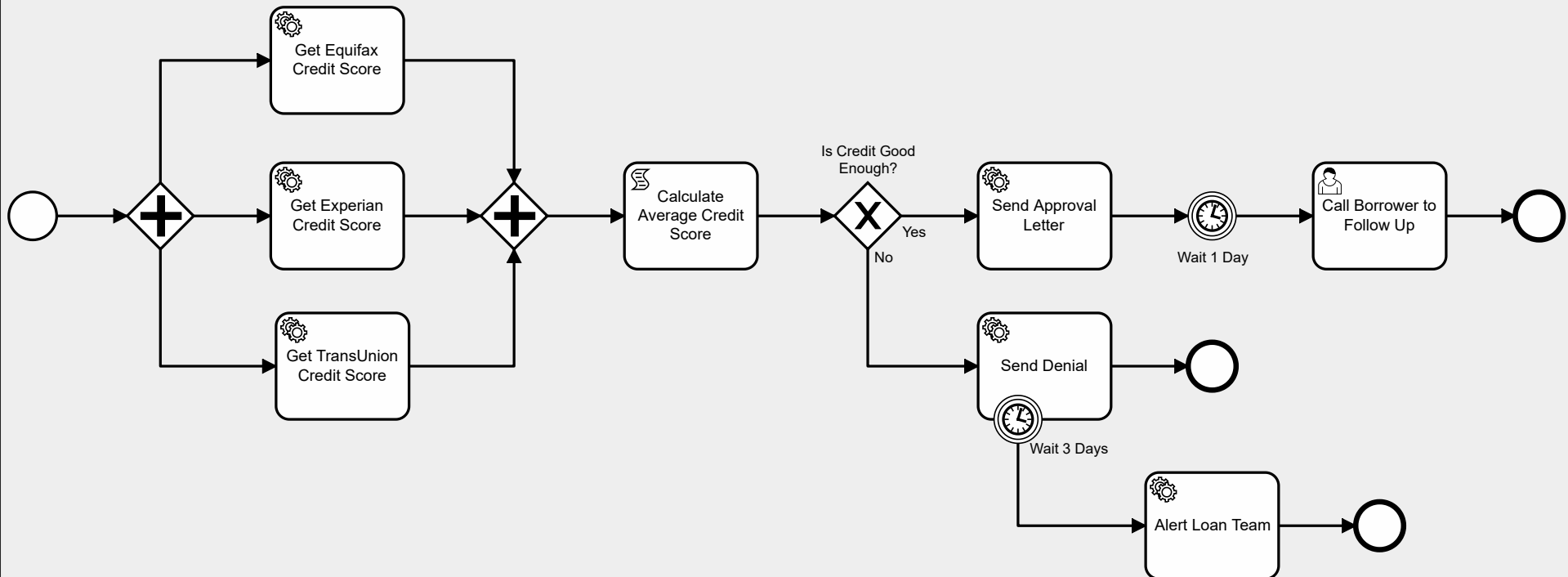


Timer Event

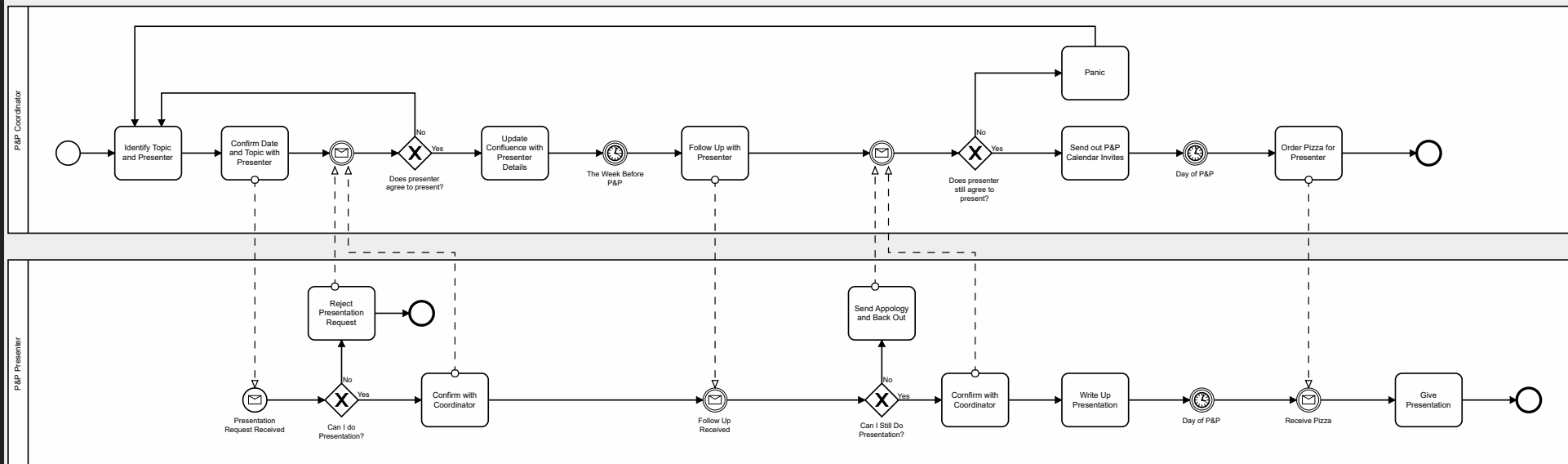


Signal Catch
Event

EVENTS IN ACTION



LET'S LOOK AT A BIGGER EXAMPLE



IT'S ALL XML TO ME

```
<?xml version="1.0" encoding="UTF-8"?>

<bpmn:definitions xmlns:bpmn="http://www.omg.org/spec/BPMN/20100524/MODEL" xmlns:blende="http://www.omg.org/spec/BPMN/20100524/MODEL-blende" />

<bpmn:process id="Process_0634gnj" isExecutable="true">

  <bpmn:startEvent id="StartEvent_1">

    <bpmn:outgoing>Flow_0y3szz2</bpmn:outgoing>

  </bpmn:startEvent>

  <bpmn:sequenceFlow id="Flow_0y3szz2" sourceRef="StartEvent_1" targetRef="Gateway_0eppg4y" />

  <bpmn:sequenceFlow id="Flow_0f1801u" sourceRef="Gateway_0eppg4y" targetRef="Activity_1jr4pk0" />

  <bpmn:parallelGateway id="Gateway_0eppg4y">

    <bpmn:incoming>Flow_0y3szz2</bpmn:incoming>

    <bpmn:outgoing>Flow_0f1801u</bpmn:outgoing>

    <bpmn:outgoing>Flow_0g0fqyu</bpmn:outgoing>

    <bpmn:outgoing>Flow_0wtg7rz</bpmn:outgoing>

  </bpmn:parallelGateway>

  <bpmn:sequenceFlow id="Flow_0g0fqyu" sourceRef="Gateway_0eppg4y" targetRef="Activity_0u3a9p8" />

  <bpmn:sequenceFlow id="Flow_0wtg7rz" sourceRef="Gateway_0eppg4y" targetRef="Activity_0im9nn5" />

</bpmn:process>

</bpmn:definitions>
```

PART 2

CAMUNDA

WHAT IS CAMUNDA

- Open-Source Workflow Automation Platform
- BPMN Standard Compliant Workflow Engine

WORKFLOW AUTOMATION

Camunda allows us to execute our workflows

Let's see what this looks like in the **Camunda Cockpit**

COCKPIT OVERVIEW

camunda Cockpit | FakeEventedC x +

bpmworkflow.d.vu.local/camunda/app/cockpit/default/#/process-definition/FakeEventedCreditScores:2...

Apps VU Homepage Confluence Pivotal Rabbit TFS Thycotic Prod Splunk Camunda Change Manage... Cisco Webex Meeti...

Camunda Cockpit Processes Decisions Cases Human Tasks More ▾

Pearse Hutson

Dashboard » Processes » FakeEventedCreditScores : Runtime | History

Definition Version: 2

Version Tag: null

Definition ID: FakeEventedCreditScores:2:6d9aa2ba-ed62-1...

Definition Key: FakeEventedCreditScores

Definition Name: null

History Time To Live: null

Tenant ID: null

Deployment ID: 6d95e7c7-ed62-11ea-b31f-005056bcadaf

Instances Running:

- current version: 0
- all versions: 1 ↑

Related:

- Reports
- Migration

Activity Instance Statistics: on

```
graph LR; Start(( )) --> P1{+}; P1 --> T1[Get Equifax Credit Score]; P1 --> T2[Get Experian Credit Score]; P1 --> T3[Get TransUnion Credit Score]; T1 --> P2{+}; T2 --> P2; T3 --> P2; P2 --> T4[Calculate Average Credit Score]; T4 --> D1{Is Credit Good Enough?}; D1 -- Yes --> T5[Send Approval Letter]; T5 --> E1((Wait 1 Day)); E1 --> T6[Call Borrower to Follow Up]; T6 --> End1(( )); D1 -- No --> T7[Send Denial]; T7 --> E2((Wait 3 Days)); E2 --> T8[Alert Loan Team]; T8 --> End2(( ))
```

Process Instances Incidents Called Process Definitions Job Definitions Modify

Add criteria

No process instances matched by current filter.

Date and Time displayed in local timezone: America/Chicago

Powered by camunda BPM / v7.11.15-ee

COCKPIT OVERVIEW

Camunda Cockpit | FakeEventedCreditScores

bpmworkflow.d.vu.local/camunda/app/cockpit/default/#/process-definition/FakeEventedCreditScores:2...

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Camunda Cockpit Processes Decisions Cases Human Tasks More

Pearse Hutson

Dashboard » Processes » FakeEventedCreditScores : Runtime | History

Definition Version: 2

Version Tag: null

Definition ID: FakeEventedCreditScores:2:6d9aa2ba-ed62-1...

Definition Key: FakeEventedCreditScores

Definition Name: null

History Time To Live: null

Tenant ID: null

Deployment ID: 6d95e7c7-ed62-11ea-b31f-005056bcadaf

Instances Running: current version: 1 all versions: 2

Related: Reports Migration

Activity Instance Statistics: on

```
graph LR; Start(( )) --> P1[+]; P1 --> T1[Get Equifax Credit Score]; P1 --> T2[Get Experian Credit Score]; P1 --> T3[Get TransUnion Credit Score]; T1 --> P2[+]; T2 --> P2; T3 --> P2; P2 --> T4[Calculate Average Credit Score]; T4 --> D1{Is Credit Good Enough?}; D1 -- Yes --> T5[Send Approval Letter]; T5 --> E1((Wait 1 Day)); E1 --> T6[Call Borrower to Follow Up]; T6 --> End1(( )); D1 -- No --> T7[Send Denial]; T7 --> E2((Wait 3 Days)); E2 --> T8[Alert Loan Team]; T8 --> End2(( ))
```

Process Instances Incidents Called Process Definitions Job Definitions Modify

Add criteria 1

State	ID	Start Time	Business Key
✓	e5e012f3-f1ea-11ea-b7ec-005056bcadaf	2020-09-08T10:49:36	44b1aecb-7fb9-473a-ad90-2bc28b39333b

Date and Time displayed in local timezone: America/Chicago

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COCKPIT OVERVIEW

Camunda Cockpit | FakeEventedCreditScores

← → ↺

bpmworkflow.d.vu.local/camunda/app/cockpit/default/#/process-instance/e5e012f3-f1ea-11ea-b7ec-0...

☆ m NP

Apps

VU Homepage

Confluence

Pivotal

Rabbit

TFS

Thycotic Prod

Splunk

Camunda

Change Manageme...

Cisco Webex Meeti...

Camunda Cockpit

Processes

Decisions

Cases

Human Tasks

More ▾

Pearse Hutson

Dashboard » Processes » FakeEventedCreditScores : e5e012f3-f1ea-11ea-b7ec-005056bcadaf : Runtime | History

Information

Filter

Instance ID:
e5e012f3-f1ea-11ea-b7ec-005056bcadaf

Business Key:
44b1aecd-7fb9-473a-ad90-2bc28b39333b

Definition Version:
2

Definition ID:
FakeEventedCreditScores:2:6d9aa2ba-ed62-1...

Definition Key:
FakeEventedCreditScores

Definition Name:

Tenant ID:
null

Deployment ID:
6d95e7c7-ed62-11ea-b31f-005056bcadaf

Super Process Instance ID:
null

Related:

- Migration

Variables

Incidents

Called Process Instances

User Tasks

Jobs

External Tasks

Modify

Add criteria

4

Name	Type	Value	Scope	Actions
AverageScore	Long	707	Process (FakeEven...)	
EquifaxScore	Integer	604	Process (FakeEven...)	
ExperianScore	Integer	825	Process (FakeEven...)	
TransUnionScore	Integer	691	Process (FakeEven...)	

Date and Time displayed in local timezone: America/Chicago

Powered by camunda BPM / v7.11.15-ee

COCKPIT OVERVIEW

Camunda Cockpit | FakeEventedCreditScores : 3654348d-f1ee-11ea-b7ec-005056bcadaf : Runtime | History

Dashboard » Processes » FakeEventedCreditScores : 3654348d-f1ee-11ea-b7ec-005056bcadaf : Runtime | History

```
graph LR; Start(( )) --> Join1{+}; Join1 --> GetEquifax[Get Equifax Credit Score]; Join1 --> GetExperian[Get Experian Credit Score]; Join1 --> GetTransUnion[Get TransUnion Credit Score]; GetEquifax --> Join2{+}; GetExperian --> Join2; GetTransUnion --> Join2; Join2 --> CalculateAvg[Calculate Average Credit Score]; CalculateAvg --> Decision{Is Credit Good Enough?}; Decision -- Yes --> SendApproval[Send Approval Letter]; Decision -- No --> SendDenial[Send Denial]; SendApproval --> Wait1Day[Wait 1 Day]; SendDenial --> Wait3Days[Wait 3 Days]; Wait1Day --> CallBorrower[Call Borrower to Follow Up]; Wait3Days --> AlertLoanTeam[Alert Loan Team]; CallBorrower --> End1(( )); SendDenial --> End2(( )); AlertLoanTeam --> End3(( ))
```

The diagram illustrates a credit review process. It begins with a start node leading to a parallel split gateway. This gateway branches into three parallel tasks: 'Get Equifax Credit Score', 'Get Experian Credit Score', and 'Get TransUnion Credit Score'. Each task is marked with a blue circle containing the number '1'. These three tasks converge at a parallel join gateway. Following the join, the process flows to a task 'Calculate Average Credit Score'. This leads to an exclusive decision gateway labeled 'Is Credit Good Enough?'. If the decision is 'Yes', the process continues to 'Send Approval Letter', followed by a 'Wait 1 Day' timer, and then 'Call Borrower to Follow Up', which ends at a final node. If the decision is 'No', the process flows to 'Send Denial', followed by a 'Wait 3 Days' timer, and then 'Alert Loan Team', which also ends at a final node. The 'Send Denial' task also has a direct path to a final node.

Variables

Add criteria

No process variables

Date and Time displayed in local timezone: America/Chicago

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COCKPIT OVERVIEW

Camunda Cockpit | FakeEventedCreditScores

bpmworkflow.d.vu.local/camunda/app/cockpit/default/#/process-definition/FakeEventedCreditScores:6...

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Camunda Cockpit Processes Decisions Cases Human Tasks More

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Dashboard » Processes » FakeEventedCreditScores : Runtime | History

Definition Version: 6

Version Tag: null

Definition ID: FakeEventedCreditScores:...

Definition Key: FakeEventedCreditScores

Definition Name: null

History Time To Live: null

Tenant ID: null

Deployment ID: 1d4143c1-f1f1-11ea-b7ec-0...

Instances Running:

- current version: 17
- all versions: 80 ↑

Related:

- Reports
- Migration

Activity Instance Statistics: on

Process Instances Incidents Called Process Definitions Job Definitions Modify

Add criteria 17

State	ID	Start Time	Business Key
✓	2b221e97-f1f1-11ea-b7ec-005056bcadaf	2020-09-08T11:34:30	77785afb-779f-45b0-bcd4-f80982bb410d
✓	2ab21eb1-f1f1-11ea-b7ec-005056bcadaf	2020-09-08T11:34:29	c3f245c5-7027-4bd8-8832-5c3664edddd9

Date and Time displayed in local timezone: America/Chicago

Powered by camunda BPM / v7.11.15-ee

COCKPIT OVERVIEW

Camunda Cockpit | FakeEventedCreditScores:7...

bpmworkflow.d.vu.local/camunda/app/cockpit/default/#/process-definition/FakeEventedCreditScores:7...

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Camunda Cockpit Processes Decisions Cases Human Tasks More

Pearse Hutson

Dashboard » Processes » FakeEventedCreditScores : History | Runtime

Definition Version: 7

Definition ID: FakeEventedCreditScores:...

Definition Key: FakeEventedCreditScores

Definition Name: null

History Time To Live: null

Tenant ID: null

Deployment ID: ec2cc25d-f1f1-11ea-b7ec-0...

Instances Running: 3
• current version: 3
• all versions: 73 ↑

Related: Reports Migration

Time Period: Today
Heatmap: off

Process Instances Incidents Job Log User Operations External Tasks Log Restart

Add criteria 26

State	ID	Start Time	End Time	Business Key
completed	baa50db9-f1f2-11ea-b7ec-005056bcadaf	2020-09-08T11:45:40	2020-09-08T11:46:52	ce9abbf4-4900-46dd-a9da-1564de...
completed	88da9408-f1f1-11ea-b7ec-005056bcadaf	2020-09-08T11:40:15	2020-09-08T11:41:45	0d44db96-f47d-4280-a217-098a67...

Date and Time displayed in local timezone: America/Chicago

Powered by camunda BPM / v7.11.15-ee

COCKPIT OVERVIEW

Camunda Cockpit | FakeEventedCreditScores

bpmworkflow.d.vu.local/camunda/app/cockpit/default/#/process-definition/FakeEventedCreditScores:7...

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Camunda Cockpit Processes Decisions Cases Human Tasks More

Pearse Hutson

Dashboard » Processes » FakeEventedCreditScores : History | Runtime

Definition Version: 7

Definition ID: FakeEventedCreditScores:...

Definition Key: FakeEventedCreditScores

Definition Name: null

History Time To Live: null

Tenant ID: null

Deployment ID: ec2cc25d-f1f1-11ea-b7ec-0...

Instances Running: 3
all versions: 73

Related: Reports, Migration

Time Period: Today
Heatmap: on

Process Instances Incidents Job Log User Operations External Tasks Log Restart

Add criteria 26

State	ID	Start Time	End Time	Business Key
completed	baa50db9-f1f2-11ea-b7ec-005056bcadaf	2020-09-08T11:45:40	2020-09-08T11:46:52	ce9abbf4-4900-46dd-a9da-1564de
completed	88da9408-f1f1-11ea-b7ec-005056bcadaf	2020-09-08T11:40:15	2020-09-08T11:41:45	0d44db96-f47d-4280-a217-098a67

Date and Time displayed in local timezone: America/Chicago

Powered by camunda BPM / v7.11.15-ee

COCKPIT OVERVIEW

Camunda Cockpit | FakeEventedCreditScores

bpmworkflow.d.vu.local/camunda/app/cockpit/default/#/process-definition/FakeEventedCreditScores:7...

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Camunda Cockpit Processes Decisions Cases Human Tasks More

Pearse Hutson

Dashboard » Processes » FakeEventedCreditScores : Runtime | History

Definition Version: 7

Version Tag: null

Definition ID: FakeEventedCreditScores:...

Definition Key: FakeEventedCreditScores

Definition Name: null

History Time To Live: null

Tenant ID: null

Deployment ID: ec2cc25d-f1f1-11ea-b7ec-0...

Instances Running:

- current version: 4
- all versions: 74

Related:

- Reports
- Migration

Activity Instance Statistics: on

```
graph LR; Start(( )) --> Split{+}; Split --> GetEquifax[Get Equifax Credit Score]; Split --> GetExperian[Get Experian Credit Score]; Split --> GetTransUnion[Get TransUnion Credit Score]; GetEquifax --> Join{+}; GetExperian --> Join; GetTransUnion --> Join; Join --> Calculate[Calculate Average Credit Score]; Calculate --> Decision{Is Credit Good Enough?}; Decision -- Yes --> SendApproval[Send Approval Letter]; SendApproval --> Wait1Day[Wait 1 Day]; Wait1Day --> CallBorrower[Call Borrower to Follow Up]; CallBorrower --> End1(( )); Decision -- No --> SendDenial[Send Denial]; SendDenial --> Wait3Days[Wait 3 Days]; Wait3Days --> AlertLoanTeam[Alert Loan Team]; AlertLoanTeam --> End2(( ))
```

Process Instances Incidents Called Process Definitions Job Definitions Modify

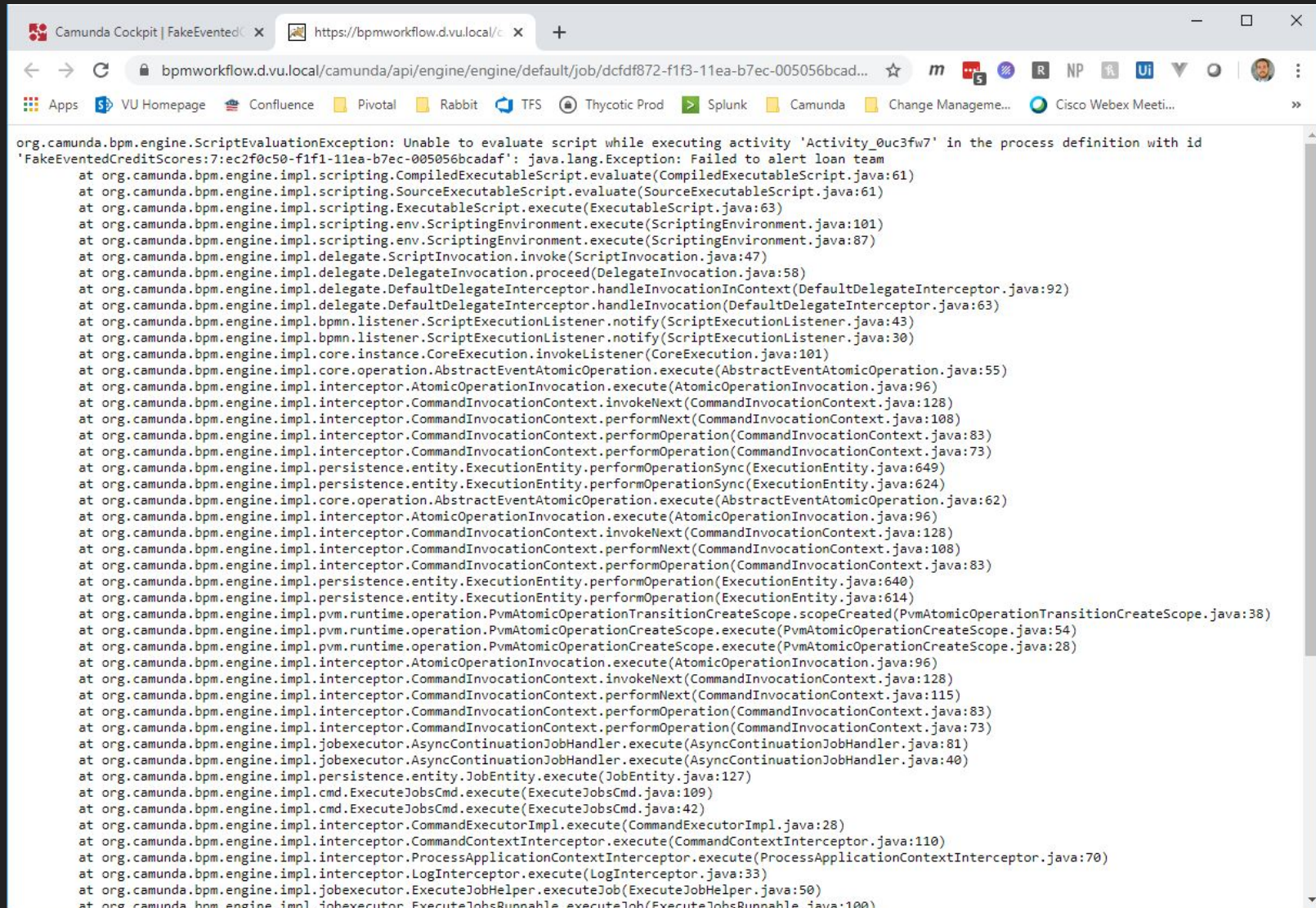
Add criteria

State	ID	Start Time	Business Key
✗	d208cb45-f1f3-11ea-b7ec-005056bcadaf	2020-09-08T11:53:29	a9ebad7f-1615-49dc-8e82-d7d07074d702
✓	f78852b8-f1f1-11ea-b7ec-005056bcadaf	2020-09-08T11:40:13	3f9b89a8-b9ea-47a6-acb2-1c8320afc7b1

Date and Time displayed in local timezone: America/Chicago

Powered by camunda BPM / v7.11.15-ee

COCKPIT OVERVIEW



```
org.camunda.bpm.engine.ScriptEvaluationException: Unable to evaluate script while executing activity 'Activity_0uc3fw7' in the process definition with id
'FakeEventedCreditScores:7:ec2f0c50-f1f1-11ea-b7ec-005056bcadaf': java.lang.Exception: Failed to alert loan team
    at org.camunda.bpm.engine.impl.scripting.CompiledExecutableScript.evaluate(CompiledExecutableScript.java:61)
    at org.camunda.bpm.engine.impl.scripting.SourceExecutableScript.evaluate(SourceExecutableScript.java:61)
    at org.camunda.bpm.engine.impl.scripting.ExecutableScript.execute(ExecutableScript.java:63)
    at org.camunda.bpm.engine.impl.scripting.env.ScriptingEnvironment.execute(ScriptingEnvironment.java:101)
    at org.camunda.bpm.engine.impl.scripting.env.ScriptingEnvironment.execute(ScriptingEnvironment.java:87)
    at org.camunda.bpm.engine.impl.delegate.ScriptInvocation.invoke(ScriptInvocation.java:47)
    at org.camunda.bpm.engine.impl.delegate.DelegateInvocation.proceed(DelegateInvocation.java:58)
    at org.camunda.bpm.engine.impl.delegate.DefaultDelegateInterceptor.handleInvocationInContext(DefaultDelegateInterceptor.java:92)
    at org.camunda.bpm.engine.impl.delegate.DefaultDelegateInterceptor.handleInvocation(DefaultDelegateInterceptor.java:63)
    at org.camunda.bpm.engine.impl.bpmn.listener.ScriptExecutionListener.notify(ScriptExecutionListener.java:43)
    at org.camunda.bpm.engine.impl.bpmn.listener.ScriptExecutionListener.notify(ScriptExecutionListener.java:30)
    at org.camunda.bpm.engine.impl.core.instance.CoreExecution.invokeListener(CoreExecution.java:101)
    at org.camunda.bpm.engine.impl.core.operation.AbstractEventAtomicOperation.execute(AbstractEventAtomicOperation.java:55)
    at org.camunda.bpm.engine.impl.interceptor.AtomicOperationInvocation.execute(AtomicOperationInvocation.java:96)
    at org.camunda.bpm.engine.impl.interceptor.CommandInvocationContext.invokeNext(CommandInvocationContext.java:128)
    at org.camunda.bpm.engine.impl.interceptor.CommandInvocationContext.performNext(CommandInvocationContext.java:108)
    at org.camunda.bpm.engine.impl.interceptor.CommandInvocationContext.performOperation(CommandInvocationContext.java:83)
    at org.camunda.bpm.engine.impl.interceptor.CommandInvocationContext.performOperation(CommandInvocationContext.java:73)
    at org.camunda.bpm.engine.impl.persistence.entity.ExecutionEntity.performOperationSync(ExecutionEntity.java:649)
    at org.camunda.bpm.engine.impl.persistence.entity.ExecutionEntity.performOperationSync(ExecutionEntity.java:624)
    at org.camunda.bpm.engine.impl.core.operation.AbstractEventAtomicOperation.execute(AbstractEventAtomicOperation.java:62)
    at org.camunda.bpm.engine.impl.interceptor.AtomicOperationInvocation.execute(AtomicOperationInvocation.java:96)
    at org.camunda.bpm.engine.impl.interceptor.CommandInvocationContext.invokeNext(CommandInvocationContext.java:128)
    at org.camunda.bpm.engine.impl.interceptor.CommandInvocationContext.performNext(CommandInvocationContext.java:108)
    at org.camunda.bpm.engine.impl.interceptor.CommandInvocationContext.performOperation(CommandInvocationContext.java:83)
    at org.camunda.bpm.engine.impl.persistence.entity.ExecutionEntity.performOperation(ExecutionEntity.java:640)
    at org.camunda.bpm.engine.impl.persistence.entity.ExecutionEntity.performOperation(ExecutionEntity.java:614)
    at org.camunda.bpm.engine.impl.pvm.runtime.operation.PvmAtomicOperationTransitionCreateScope.scopeCreated(PvmAtomicOperationTransitionCreateScope.java:38)
    at org.camunda.bpm.engine.impl.pvm.runtime.operation.PvmAtomicOperationCreateScope.execute(PvmAtomicOperationCreateScope.java:54)
    at org.camunda.bpm.engine.impl.pvm.runtime.operation.PvmAtomicOperationCreateScope.execute(PvmAtomicOperationCreateScope.java:28)
    at org.camunda.bpm.engine.impl.interceptor.AtomicOperationInvocation.execute(AtomicOperationInvocation.java:96)
    at org.camunda.bpm.engine.impl.interceptor.CommandInvocationContext.invokeNext(CommandInvocationContext.java:128)
    at org.camunda.bpm.engine.impl.interceptor.CommandInvocationContext.performNext(CommandInvocationContext.java:115)
    at org.camunda.bpm.engine.impl.interceptor.CommandInvocationContext.performOperation(CommandInvocationContext.java:83)
    at org.camunda.bpm.engine.impl.interceptor.CommandInvocationContext.performOperation(CommandInvocationContext.java:73)
    at org.camunda.bpm.engine.impl.jobexecutor.AsyncContinuationJobHandler.execute(AsyncContinuationJobHandler.java:81)
    at org.camunda.bpm.engine.impl.jobexecutor.AsyncContinuationJobHandler.execute(AsyncContinuationJobHandler.java:40)
    at org.camunda.bpm.engine.impl.persistence.entity.JobEntity.execute(JobEntity.java:127)
    at org.camunda.bpm.engine.impl.cmd.ExecuteJobsCmd.execute(ExecuteJobsCmd.java:109)
    at org.camunda.bpm.engine.impl.cmd.ExecuteJobsCmd.execute(ExecuteJobsCmd.java:42)
    at org.camunda.bpm.engine.impl.interceptor.CommandExecutorImpl.execute(CommandExecutorImpl.java:28)
    at org.camunda.bpm.engine.impl.interceptor.CommandContextInterceptor.execute(CommandContextInterceptor.java:110)
    at org.camunda.bpm.engine.impl.interceptor.ProcessApplicationContextInterceptor.execute(ProcessApplicationContextInterceptor.java:70)
    at org.camunda.bpm.engine.impl.interceptor.LogInterceptor.execute(LogInterceptor.java:33)
    at org.camunda.bpm.engine.impl.jobexecutor.ExecuteJobHelper.executeJob(ExecuteJobHelper.java:50)
    at org.camunda.bpm.engine.impl.jobexecutor.ExecuteJobsRunnable.executeJob(ExecuteJobsRunnable.java:100)
```

PART 3

WHY WE LIKE CAMUNDA

DEVELOPER INSIGHT

- Visual Workflow
- Amazing REST Interface
- Built-in Versioning

PRODUCT STRATEGY INSIGHT

- Visual Workflow
- Increased Productivity
- Logging/Debugability for free

"A fair amount of long term product vision
requires workflows built on top of
workflows using workflows, all drenched in
business logic.



- Matt U.

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Unlike the past 6 years, we can't feasibly keep big chunks of the burden off SS's plate by having PS bury large swaths of it in Encompass.

Yeah, SS CAN code it all in Javascript and/or C#, but if a tool like this makes workflows easier for developers to maintain and scale business logic heavy workflows, then we should make an effort to get familiar with it and use it."



DOWNSIDERS

- Have to build tools around Camunda
- Yet Another Tool to Maintain (YATM)
- Unfamiliarity with BPMN/Camunda

REAL USE CASES

- RPA Workflow Automation
- Asynchronous Processing (Part One | Part Two)
- Long-running Synchronous Processes

GETTING STARTED

- Talk with your Friendly Neighborhood Architect
- Join the [#product-camunda](#) Slack channel
- Reach out to a team that has Camunda experience
 - Team Bard - Ops
 - Velociraptors - Sales

QUESTIONS

