



Workflow Microservice Orchestration API for Enterprise ISVs

Brian Reale, CEO
Taylor Dondich, CTO
bpmNEXT 2018



HQ: Durham, NC
Employees: 120
Customers: 350



Our Products

ProcessMaker

BPMs

Complete BPM & Workflow Suite
for Midmarket & Enterprise
Clients

ProcessMaker I/O

Workflow Microservices
Orchestration API for ISVs &
Developers

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ProcessMaker I/O

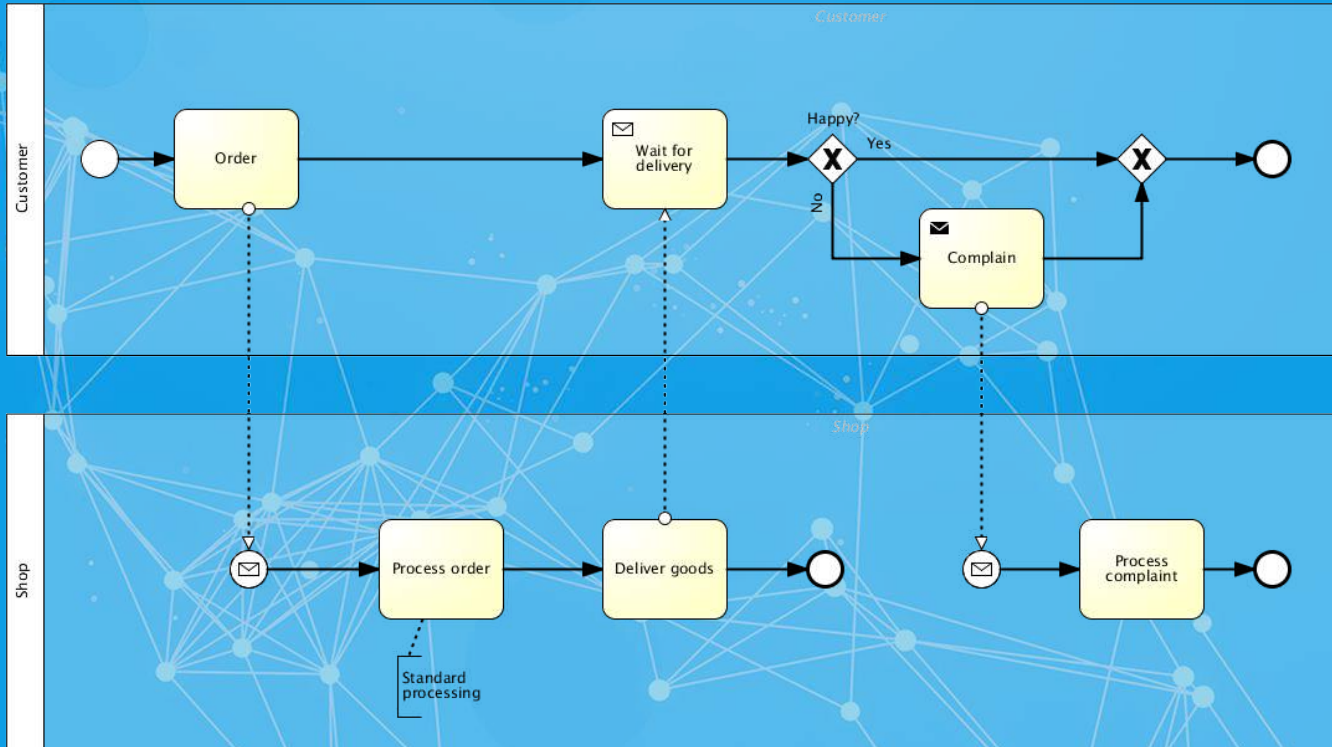
Workflow Microservices
Orchestration API for ISVs &
Developers



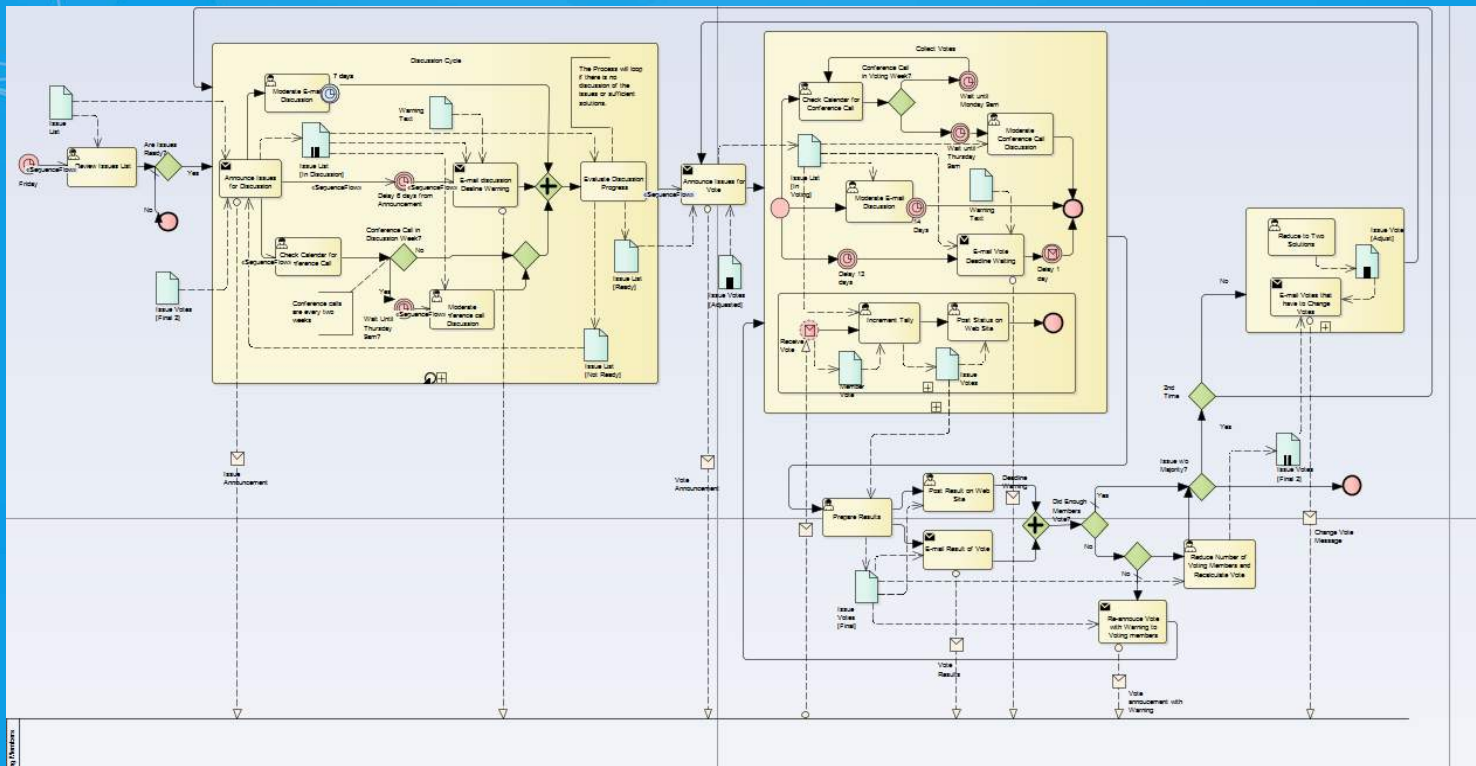
ProcessMaker I/O

Why?

ISV built its order process to do this...



...But a customer now wants to do this



ISV wants to add customizable approvals



Reject



Approve

Workflow - the 8.5% product problem



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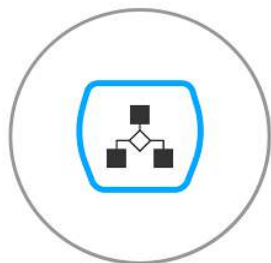
Our Solution

A highly scalable, highly fault tolerant, BPMN
2.0 compliant
workflow microservice in the cloud.

www.ProcessMaker.io

The ProcessMaker I/O Solution

Engine



Designer



Connectors

Engine

- Workflow REST API as a MicroService
- 100% BPMN 2.0 Compliant Engine
- Create processes programmatically via API
- SDKs in Java, Javascript, PHP, C#, Go, Python, Perl
- Fully Cloud Scalable
- Serverless Compute Task Framework - LUA & NodeJS

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Open Source Connector Ecosystem



INTERCOM



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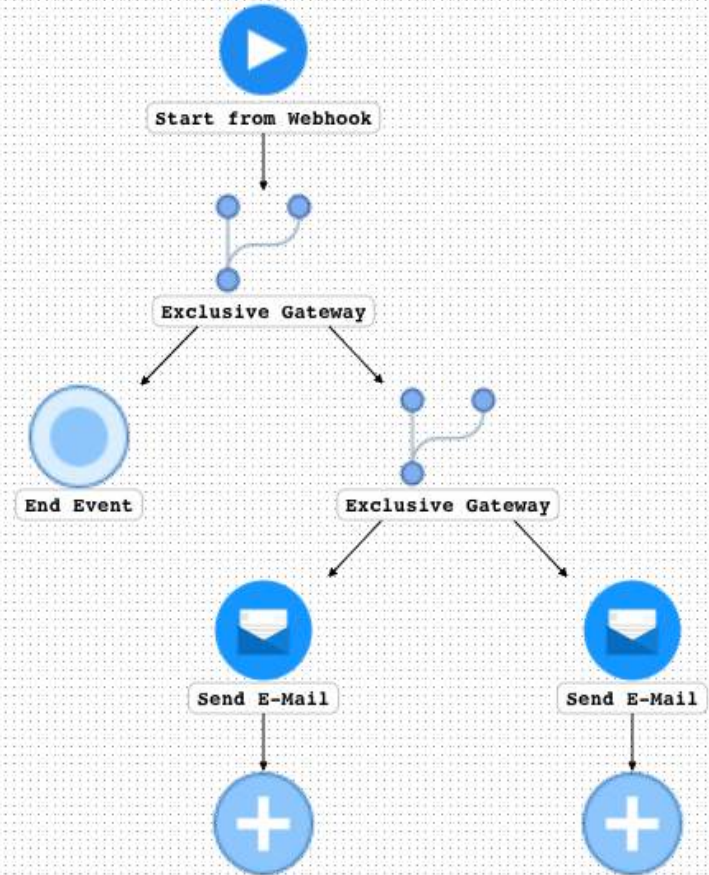


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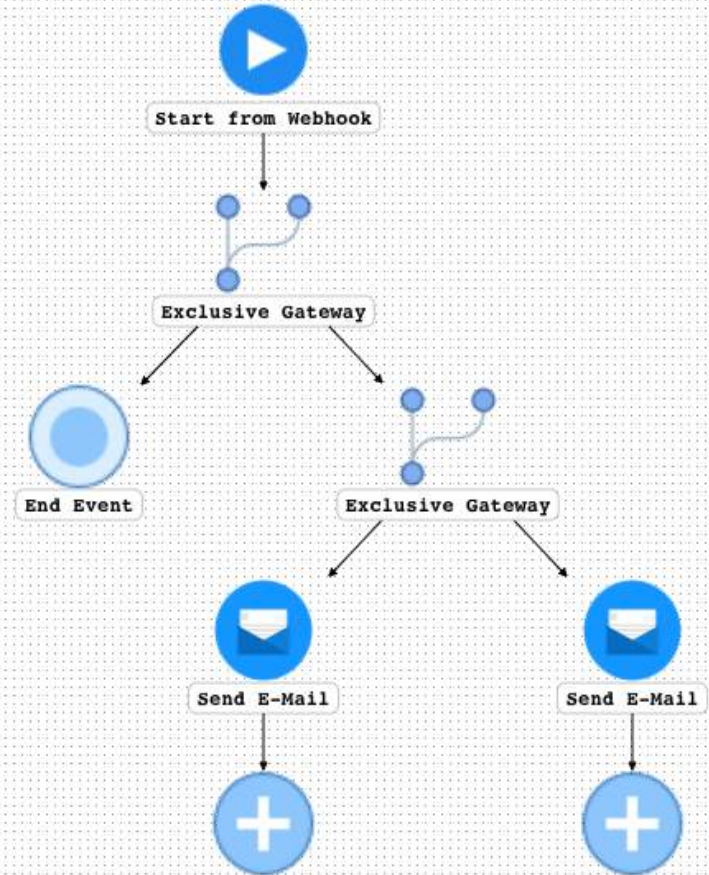
Designer

- 100% Javascript
- Easy to Embed
- Simple - made for ISVs
- Open Source (Apache 2.0 License)
- Saves workflows as BPMN 2.0 XML file

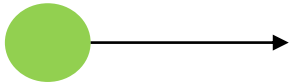


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Using the API – Start Event



Form/Slack Webhook

webhookUrl

=<https://onkranxx.api.processmaker.io/api/v1/processes/Purchase/events/StartEvent/webhook>

```
data: { //requesterName:'Brian Reale', //
requesterEmail:'brian.reale@gmail.com
', //orderNumber: 7605, orderDate:Date(),
//itemName:'Routers', //itemCost:3545, //itemQty:6,
//purchaseSum:21270, //purchaseGoal:'IT
improvements' }
```

Purchase Order

Requester Name *	<input type="text" value="Brian Reale"/>	Requester Email *	<input type="text" value="brian.reale@gmail.com"/>
Purchase Order Number *	<input type="text" value="7605"/>	Order Date *	<input type="text" value="2018-04-16 3:12 PM"/>
Item *	<input type="text" value="Routers"/>	Item Cost *	<input type="text" value="\$ 3545"/>
		Quantity *	<input type="text" value="6"/>
			Purchase Sum
			<input type="text" value="\$ 21270"/>
Business Need			
<input type="text" value="IT improvements"/>			
<input type="button" value="Submit"/>			



Using the API – User Task



Form/Slack
Webhook



`listTaskInstances`

`updateTaskInstance`

Purchase Approval

Requester Name	<input type="text" value="Brian Reale"/>	Requester Email	<input type="text" value="brian.reale@gmail.com"/>				
Purchase Order Number	<input type="text" value="7605"/>	Order Date	<input type="text" value="2018-04-16 3:12 PM"/>				
Item	<input type="text" value="Routers"/>	Item Cost	<input type="text" value="\$ 3545"/>	Quantity	<input type="text" value="6"/>	Purchase Sum	<input type="text" value="\$ 21270"/>
Comments	<input type="text" value="IT improvements"/>						
Approver Comments	<input type="text" value="Looks good"/>						