lished in berndrueck
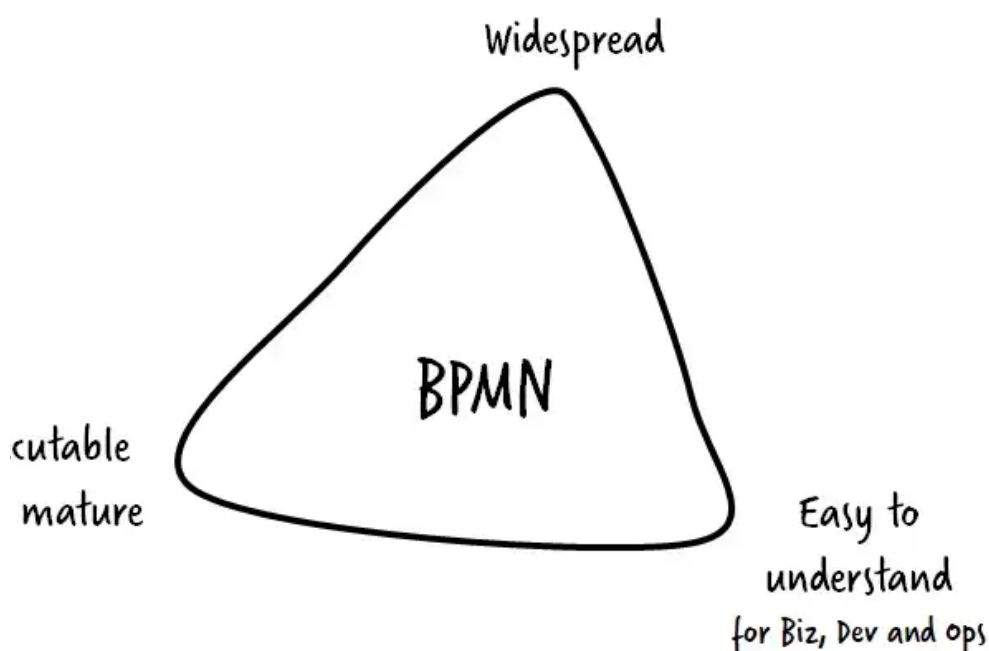
ernd Rücker

ar 28, 2018 · 4 min read · ▶ Listen

evOps — the true value proposition of flow engines

beyond the low-code myth

er you implement core business logic you have to discuss it with a lot holders and having a graphical representation is a huge help in doing is why there are a lot of methodologies out there to capture business ually, like Event Storming, domain modeling and of course process g with BPMN.

an ISO standard and its beauty is that it defines a business readable l visualization that is also directly executable on a workflow engine. model therefore is also an XML file a workflow engine can nd.

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Process automation enthusiast. Cam founder.

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ed to other languages, BPMN is a good choice as it is really

ead and very mature. I will not dive into details of the BPMN

g but I can report that it was sufficient for all real-life use cases we

e last years — which are a lot.

ut living documentation — not low code!

efit of directly executable models is what Cyrille Martraire named

cumentation. The model is not an input of the requirement phase

be outdated once the first line of code is written. No, **the model will**

ted and is the code. It is always in-sync with the implementation

he whole life-cycle.

nately this is often connected with zero or low code approaches

y to get rid of the developer. In our experience these approaches do

well, at least not in non-trivial use cases. I see BPMN models simply

erent way of writing code which should still be done by a developer.

e he/she communicates with business stakeholders to do the right

nd the true benefit of using BPMN and a workflow engine is to

e the collaboration between the different roles!

Ops

n executable, visual and understandable model has benefits for

stakeholders, developers and operators. It also improves the

ication and collaboration between them big time.

e into that:

...ness can understand visual workflows and discuss the underlying
...process and related requirements.

...report for one scenario run as automated unit test (here: Camunda Test Coverage). The payment
...y is taken from the flowing retail example. Use cases for workflows can be found in any industry.

...ers get a workflow engine which is a persistent state machine with a
...ditional features. On top of that they can benefit from the visual
...s they gain more context into what they are actually working on. For
..., some tools can create graphical reports for test scenarios.

Exemplary operations tool from a workflow engine (here: Camunda Cockpit)

huge gain lies within operations as a workflow engine provides a lot
xt to understand and resolve problems or failures. The possibilities
ly intervene in real-time (e.g. repair failed workflow instances or
lata) help keep everything up and running.

Audit data can be leveraged to optimize workflows (here: Camunda Optimize)

vorkflow engines write a lot of audit data, one can leverage this
l data to find bottlenecks and possibilities for improvement for your
vs. This might be done by any stakeholder as everybody can
nd the BPMN workflow models.

ry

nort post I wanted to highlight the value of graphical but directly

le models in BPMN for business stakeholders, developers and
s (BizDevOps). This is not about getting rid of IT by following a low
roach but rather provide benefits to each of the roles and facilitate
ation between them.

nshots are taken from Camunda, an open source platform for
v automation. As co-founder of Camunda I simply know this tool the

uecker is co-founder and developer advocate of Camunda. I am
te about developer friendly workflow automation technology. *Follow*
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arya Niknamian

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