

Flexible Workflows mit BlueSpice 4



Agenda - Workflows

- Nutzersicht
- Bestandteile
- Erweiterbarkeit
- Flexibilität

1. Nutzersicht



Auswählen

Single user approval
Ask a user for reviewing and approving a page. Once this is done, an email notification is sent to the specified recipient.

Expert document control
Ask one user to edit a page and another expert user to review those changes. Then ask a third user to accept and publish the page. Once this is done, an email notification is sent to the specified recipient.

Group Feedback
Ask a group of users for feedback while reviewing a page. Once this is done, an email notification is sent to the specified recipient.

Single user feedback
Ask a user for feedback while reviewing a page. Once this is done, an email notification is sent to the specified recipient.

Select workflow ▾

Mit Daten befüllen

Find ...

Cancel Start a workflow Start workflow

Ask one user to edit a page and another expert user to review those changes. Then ask a third user to accept and publish the page. Once this is done, an email notification is sent to the specified recipient. Please fill out required initialization information

Editor *

Instructions for the editor

Reviewer *

Instructions for the reviewer

Approver *

Instructions for the approver

Send report to (valid email or username)

Choose another

Abarbeiten

Workflow is running on this page. Action is required [Complete action](#) 

Pages Main Page Last edited one month ago by WikiSysop

Main Page

MediaWiki has been installed. Test123
Consult the [User's Guide](#) for information
test

Cancel **UserFeedback** **Submit**

Please advise

Comment *

Getting started

- [Configuration settings list](#)

Nachvollziehen

Workflow details ×

Single user feedback State: Active

Ask a user for feedback while reviewing a page. Once this is done, an email notification is sent to the specified recipient.

Started on: 16:01, 7 December 2021 Last activity on: 16:01, 7 December 2021

Started by [WikiSysop](#)

Subject page

Page [Main Page](#)

Current tasks

UserFeedback 🕒 14 December 2021

Pending action from users: [WikiSysop](#)

Past activities

CollectData

[Abort](#)

Erinnern

Special My tasks

My tasks



Search



Main Page
User feedback

- WikiSysop initiated this workflow
- Instructions: Please advise

Übersicht behalten

Special Workflows overview

Workflows overview

All Active

Type	Subject page	Current tasks	State	Started on ^	Last activity on	
Single user feedback	Main Page	UserFeedback	Active	16:01, 7 December 2021	16:01, 7 December 2021	see details

Automatisieren

Find ...

Cancel Workflow trigger Save

On edit
Trigger a workflow after a page has been edited

Name * Active

Description

Workflow to start

Initial data for the workflow ^

User *

Instructions

Send report to (valid email or username)

Conditions ▾

2. Bestandteile



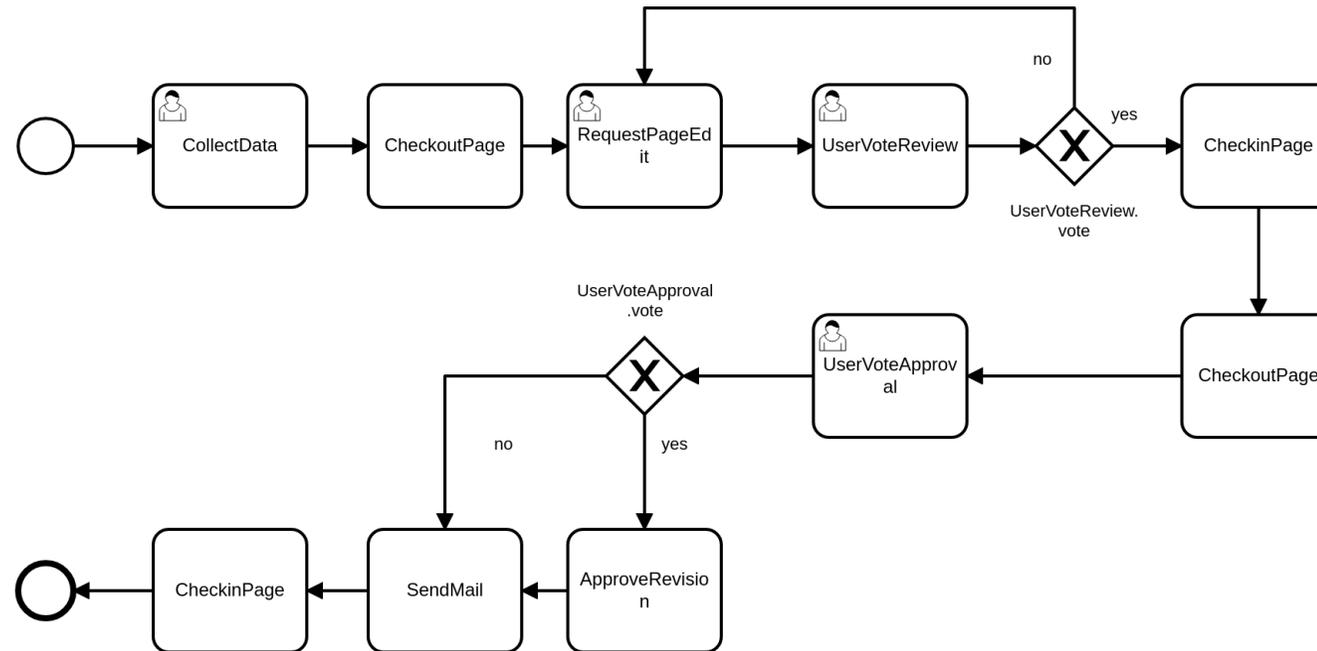
Gehirn: Workflow Engine



Organe: Activities

- [-]  Activity
 - [+]  CustomForm
 - [+]  EditRequest
 - [+]  ExecutionStatus
 - [+]  FeedbackActivity
 - [+]  SendMail
 - [+]  VoteActivity
 -  Activity.php
 -  ExecutionStatus.php
 -  GenericActivity.php
 -  UIActivity.php

Adern: BPMN



Sinne: Forms

Special Form editor

Form editor

Form name *

Form properties

<input checked="" type="checkbox"/> Appearance	Title <input type="text"/>
<input type="checkbox"/> Behaviour	Display title <input type="checkbox"/>
<input type="checkbox"/> Infrastructure	Display form name <input type="checkbox"/>
<input type="checkbox"/> Target	Float buttons <input type="checkbox"/>
<input type="checkbox"/> Listeners	

Form elements

Drag elements to the form below

Inputs Layouts Other

✕

Herz: Trigger

MediaWiki WorkflowTriggers

Last edited 22 minutes ago
by MediaWiki default

Workflow triggers



+ Add new trigger

Checklist

Manual

Define conditions under which workflow can be triggered manually



Single user approval

Manual

Define conditions under which workflow can be triggered manually



Expert document control

Manual

Define conditions under which workflow can be triggered manually



Group Feedback

Manual

Define conditions under which workflow can be triggered manually



Single user feedback

Manual

Define conditions under which workflow can be triggered manually



Approve Policy

On edit

Trigger a workflow after a page has been edited



3. Erweiterbarkeit



Seite AnyPage.bpmn erstellen

```
<?xml·version="1.0"·encoding="UTF-8"?>¶
<bpmn:definitions·xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"·xmlns:wf="http://hallowelt.com/schema/bpmn/wf
<!--·Process·part·-->¶
  <bpmn:process·id="Process_Group_Control"·isExecutable="false">¶
    <bpmn:extensionElements>¶
      <wf:context>¶
        <wf:contextItem·name="pageId"/>¶
      </wf:context>¶
    </bpmn:extensionElements>¶
    <!--·StartEvent·-->¶
    <bpmn:startEvent·id="TheStart">¶
      <bpmn:outgoing>FromTheStartToCollectData</bpmn:outgoing>¶
    </bpmn:startEvent>¶
    <bpmn:sequenceFlow·id="FromTheStartToCollectData"·sourceRef="TheStart"·targetRef="CollectData"/>¶
    <!--·CollectData·-->¶
    <bpmn:userTask·id="CollectData"·name="CollectData">¶
      <bpmn:extensionElements>¶
        <wf:type>custom_form</wf:type>¶
        <wf:formModule>¶
          <wf:module>ext.workflows.activity.collectdata.forms</wf:module>¶
          <wf:class>workflows.object.form.GroupCollectData</wf:class>¶
        </wf:formModule>¶
        <wf:initializer>true</wf:initializer>¶
      </bpmn:extensionElements>¶
      <bpmn:property·name="groupname"/>¶
      <bpmn:property·name="instructions"/>¶
      <bpmn:property·name="reportrecipient"·validation="email-recipient"/>¶
      <bpmn:property·name="due_date"/>¶
      <bpmn:incoming>FromTheStartToCollectData</bpmn:incoming>¶
      <bpmn:outgoing>FromCollectDataToGroupFeedback</bpmn:outgoing>¶
    </bpmn:userTask>¶
```

Seite AnyPage.form erstellen

Form elements

Drag elements to the form below

✎ Inputs

Text Textarea **[[]] Wikitext input** Category multiselect

Checkbox Menu tag multiselect Checkbox multiselect

Dropdown Number Radio button Radio group

File chooser Title input

🏠 Layouts

Horizontal layout

⋮ Other

Static Wikitext Button

Partial form import Icon

Indicator Label Progress bar

Section label

textarea-3154

radio_multiselect-3066 Option 1

Submit Cancel

Fertig

tion is (

Markustest

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Select workflow ▼

Last

L23 C e

mat

4. Flexibilität



WikiText zur freien Nutzung

```
20 »      »      »      »      »
    <wf:module>ext.bluespice.distributionconnector.workflows.forms</wf:module>
21 »      »      »      »      »
    <wf:class>bs.distributionConnector.workflows.form.DocumentControlCollectDataForm</wf:class>
22 »      »      »      »      </wf:formModule>
23 »      »      »      »      <wf:initializer>>true</wf:initializer>
24 »      »      »      </bpmn:extensionElements>
25 »      »      »      <bpmn:property name="usernameEditor" validation="existing-user">{{ROOTPAGENAME:{{#show:
    {{FULLPAGENAME}}|?QM Editor|link=none}}}}</bpmn:property>
26 »      »      »      <bpmn:property name="instructionsEditor" />
27 »      »      »      <bpmn:property name="usernameReviewer" validation="existing-user">{{ROOTPAGENAME:
    {{#show:{{FULLPAGENAME}}|?QM Reviewer|link=none}}}}</bpmn:property>
28 »      »      »      <bpmn:property name="instructionsReviewer" />
29 »      »      »      <bpmn:property name="usernameApprover" validation="existing-user">{{ROOTPAGENAME:
    {{#show:{{FULLPAGENAME}}|?QM Approver|link=none}}}}</bpmn:property>
30 »      »      »      <bpmn:property name="instructionsApprover" />
31 »      »      »      <bpmn:property name="reportrecipient" validation="email-recipient" />{{#show:{{#if:
    {{NAMESPACE}}|{{NAMESPACE}}:|}}|{{MediaWiki:mainpage}}|?Report mail|link=none|default={{#if:{{NAMESPACE}}|
    {{NAMESPACE}}-|}}report@{{SERVERNAME}}}}</bpmn:property>
32 »      »      »      <bpmn:property name="due_date">{{#time:YmdHis}}</bpmn:property>
33 »      »      »      <bpmn:incoming>FromTheStartToCollectData</bpmn:incoming>
34 »      »      »      <bpmn:outgoing>FromCollectDataToCheckoutPage_1</bpmn:outgoing>
```

Komplexe Trigger

```
57     "trigger-approve-policy-edit": {
58         "type": "edit",
59         "active": true,
60         "initData": {
61             "username": "WikiSysop",
62             "instructions": "Please approve",
63             "reportrecipient": ""
64         },
65         "name": "Approve Policy",
66         "description": "Requests approval for any change in the policy namespace",
67         "rules": {
68             "include": {
69                 "namespace": [
70                     "3006"
71                 ]
72             },
73             "exclude": []
74         },
75         "definition": "user-approval",
76         "repository": "workflow-file"
77     }
78 }
```

Editieraktionen

- Append
- Prepend
- Replace
- SetTemplate

5. Vielen Dank! Fragen?

Kontakt: glaser@hallowelt.com

www.bluespice.com

www.hallowelt.com

Links

- Workflows: <https://github.com/wikimedia/mediawiki-extensions-Workflows>
- Forms: <https://github.com/wikimedia/mediawiki-extensions-Forms>
- BlueSpice 4 Demo: https://en.demo.bluespice.com/wiki/Main_Page
- Bpmn.io: <https://bpmn.io/>
- Eventsauce: <https://eventsauce.io/>