Contents

Reference:CognitiveProcessDesigner

Extension: CognitiveProcessDesigner

all extensions

Overview			
Description:	Draw BPMN processes with a graphical user interface in Semantic MediaWiki		
State:	stable	**Dependency:**	MediaWiki
Developer:	Tobias Weller, Maria Maleshkova, Alexander Pinchuk	**License:**	GPL-3.0-only
Type:	MediaWiki	**Category:**	Rich Articles
Edition:	BlueSpice pro, BlueSpice Farm, BlueSpice Cloud	**Version:**	4.1+
For more info, visit **Mediawiki.**			

Features

The **Cognitive Process Designer** extension supports the creation, importing, exporting and annotating of BPMN (Business Process Model and Notation) processes by using an intuitive GUI (graphical user interface). Each element (node and edge) is represented by its own wiki page, which publishes the information according to the Linked Data Principles. Cognitive Process is based on bpmn.io, an open source project by Camunda. Bpmn.io is an JavaScript renderer that allows to model BPMN processes and checks the syntax. Page Forms is used to facilitate the input of information for each element.

Technical Information

This information applies to BlueSpice 4. Technical details for BlueSpice Cloud can differ in some cases.

Requirements

MediaWiki: 1.39.0
PageForms: 5.4

Integrates into

- CognitiveProcessDesigner
- ContentDroplets

Special pages

Permissions

Name	Description	Role
cognitiveprocessdesigner-editbpmn	Edit BPMN diagrams	admin, editor, maintenanceadmin

Configuration

Name	Value
CPDEntityElementTypes	array (0 => 'bpmn:Task', 1 => 'BPMN Task', 2 => 'Activity',)
CPDHappyPathSMWPropertyName	'Bpmn_isHappyPath'

API Modules

- cpd-delete-orphaned-elements
- cpd-save-diagram-elements

Hooks

- BSInsertMagicAjaxGetData
- BSUEModulePDFBeforeAddingStyleBlocks
- BSUEModulePDFBeforeCreatePDF
- LoadExtensionSchemaUpdates
- MakeGlobalVariablesScript
- OutputPageBeforeHTML
- ParserFirstCallInit

Accessibility

Test status:	2-testing complete
Checked for:	Web, Authoring tool

Last test date:	2022-08-09
WCAG level:	AA
WCAG support:	does not support (workaround: no)
Comments:	Authoring tool: drag and drop, since it is a visual tool Web: no good keyboard support, no screenreader accessibility. See also: https://forum.bpmn.io/t/how-to-make-modeler-keyboard-accessible/5996/6 https://github.com/bpmn-io/diagram-js/labels/a11y
Extension type:	extended
Extension focus:	editor