

Switchable Field

`SwitchableFieldDefinition` renders a complex field that display fields based on selections (select list or radio buttons).

Class: `info.magnolia.ui.form.field.definition.SwitchableFieldDefinition`

Here is an example coming from the main configuration menu of the form module.

Code is selected:



The screenshot shows a configuration interface for a switchable field. At the top, there is a label "Type" followed by three radio buttons: "code" (which is selected), "text", and "page". Below this, a text area displays three lines of code: "1 <h1> Header </h1>", "2", and "3 Hello Mr |".

and if you click on link, the Link field is displayed instead of the Code field:



The screenshot shows the same configuration interface, but now the "page" radio button is selected. Below the radio buttons, there is an empty text input field and a button labeled "SELECT NEW...".

Node name	Value
confirmContentType	
options	
code	
label	dialog.form.tabContactMail.contentType.option.code
selected	false
value	code
text	
page	
fields	
code	
class	info.magnolia.ui.form.definition.BasicTextCodeFieldDefinition

i18n	true
language	html
class	info.magnolia.ui.form.field.definition.SwitchableFieldDefinition
i18nBaseName	info.magnolia.module.form.messages
label	dialog.form.tabContactMail.contentType.label
type	String

Storing strategy

By default the `transformerClass` is set to `SwitchableTransformer`.

Let's take the previous example and assume that:

- We enter a value for each field
 - code: 'some code'
 - text: 'some text'
 - link: '1b106efa-3b4f-41d3-aae6-cf368a9667b9'
- The selected option was **text**.

Then the following properties are stored in the JCR repository:

Node name	Value
confirmContentType	text
confirmContentTypetext	some text
confirmContentTypelink	1b106efa-3b4f-41d3-aae6-cf368a9667b9
confirmContentTypetcode	some code

Configuration

You can use all [common field properties](#) and the following:

Property	Description	Default value
options	Parent node for the selectable options.	
value	Name of the related field definition ⓘ This value is saved to the repository when this option is the last displayed/selected. Mandatory.	
iconSrc	Displays an image next to the option. The value is a path to the image. Optional.	
label	The option label displayed to the user. Optional.	
selected	Pre-selects the option. Optional.	false
fields	Parent node containing the single field that composed the switchable field.	
field1	Parent node of one field composing the composite field. Field name should match the option value ⓘ	
class	Class definition of the field1	
...	Continue with field1 definition	
...	Add any number of field definition that should composed the composite field.	
class	SwitchableFieldDefinition class name. Mandatory.	

selectionType	Display the options as radio button or as a selection list. Optional.	radio
transformerClass	Custom transformer definition. Optional.	
layout	Define the select option layout in case of selectionType=radio . Layout of the radio button could be vertical or horizontal . Optional.	horizontal