

Attributes Mapping

Table of Contents

- 1 [General settings](#)
- 2 [Convert attribute value](#)
 - 2.1 [Regular expressions](#)
- 3 [Attribute merging](#)
- 4 [Price margin](#)
- 5 [Conditions](#)
 - 5.1 [Empty Attribute Condition](#)
 - 5.2 [Attribute Value Condition](#)
- 6 [Addition of a new attribute](#)
- 7 [Troubleshooting](#)
 - 7.1 [Magento attribute displayed in red color](#)
 - 7.2 [Following attributes missing in product flat catalog](#)
 - 7.3 [Price including VAT export](#)
- 8 [Related articles](#)

General settings

The majority of the feed-specific attributes have been set up automatically but in some cases you may find it useful to adjust attribute behavior more specifically.

- **Feed attribute** - Name of the element/column in target XML/CSV feed.
- **XPath** - Element location in XML feed.
- **Prefix** - Constant prefix for exported value. The same for all products.
- **Default value** - Constant value. The same for all products. This value is exported in case that Magento attribute is not chosen or its value is empty.
- **Magento attribute** - The value of selected Magento product attribute is exported as feed attribute value.
- **Convert attribute** - Described below in more detail.
- **Suffix** - Constant suffix for exported value. The same for all products.
- **Export parent product attribute value** - Export the parent product attribute value instead of Magento attribute value of given child product.
 - *Yes* - Export the parent product attribute value for all its child products.
 - *No* - Export of the parent product attribute value is disabled.
 - *If empty* - Export the parent product attribute value only if the attribute value of its child product is empty.
- **Chars limit** - Character limitation for exported value.
- **Post-process action** - Text processing functions for an exported value. The value is processed as a text string. This is multi-select option.
 - *Cdata* - Character data. Text is enclosed in "<![CDATA[]]>".
 - *Remove end of lines* - Removes end of character lines.
 - *Remove spaces* - Removes character spaces, e.g. tab, end of line, space etc.
 - *Strip tags* - Strips HTML and PHP tags.
 - *Encode special chars* - Converts special characters to HTML entities.
 - *Decode special chars* - Converts special HTML entities back to characters.
 - *Encode html entities* - Convert all applicable characters to HTML entities.
 - *Decode html entities* - Convert all HTML entities to their applicable characters.
 - *Insert HTML line breaks* - Inserts HTML line breaks (
) before all newlines ($\backslash n$, \backslashr , \backr and \backl) in a string.

The screenshot shows the 'Attributes Mapping Table' configuration page in the Koongo Connector interface. The table lists various product attributes and their corresponding settings for export to a feed. The 'Attributes Mapping Table' tab is selected in the top navigation bar.

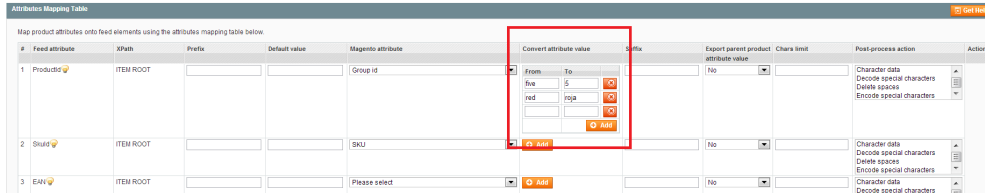
#	Feed attribute	XPath	Prefix	Default value	Magento attribute	Convert attribute value	Suffix	Export parent product attribute value	Chars limit	Post-process action	Action
1	Products	ITEM ROOT			Group id	ADD		No		Character data Decode special characters Delete spaces	
2	Skuid	ITEM ROOT			Skui	ADD		No		Character data Encode special characters Delete spaces	
3	EAN	ITEM ROOT			Please select	ADD		No		Character data Decode special characters Delete spaces	
4	ISBN	ITEM ROOT			Please select	ADD		No		Character data Decode special characters Delete spaces	
5	Brand	ITEM ROOT			Vinobce	ADD		No		Character data Decode special characters Delete spaces	
6	Manufacturers	ITEM ROOT			Vinobce	ADD		No		Character data Decode special characters Delete spaces	
7	Category	ITEM ROOT			Category path	ADD		No		Character data Decode special characters Delete spaces	

i Table row is disabled

Disabled row in *Attribute mapping table* means that the given row is already preconfigured according to the feed requirements and it is not possible to change that option.

Convert attribute value

In some cases you may need to convert Magento-stored attribute value to different XML feed value. Also, you can use this feature for simple attribute translations.



Regular expressions

i Upgrade to 6.5.0.0 or newer

Support for regular expressions was improved in connector version 6.5.0.0. Thus, we encourage you to [upgrade](#). For details see issue [XML-642](#).

You can use [regular expressions](#) to convert attribute values. Regular expressions must be enclosed in slashes:

Example

To convert all small "a" to big "A" letters in the attribute value, use the following regular expression:

From: /[a]/

To: A

This rule converts "BlackBerry 8100 Pearl" to "BlAckBerry 8100 PeAr1".

To remove all HTML tags apart from I, EM, B, STRONG, UL, LI, U and BR

From: /\<((?!i\>|\</i|\</em\>|\</em|em\>|\</b\>|\</b|b\>|\</strong\>|\</strong|strong\>|\</ul\>|\</ul|ul\>|\</li\>|\</li|li\>|\</u\>|\</u|u\>|\</br\>|\</br|br\>)([^\>]*)\>/

To: empty

To transform all non-empty strings into TRUE

From: /.+ /

To: empty

To export only image file name, instead of full image url.

From: /.+\>/

To: empty

For example value `http://www.domain.com/media/catalog/product/t/0/t0001_love.jpg` is transformed into `t0001_love.jpg`

To export sub-string till 2nd space.

From: /([^\s]+\s{1}[^\s]+).*/

To: \$1

For example value `Invicta Speedway Chronograf 9211` is transformed into `Invicta Speedway`

To transform string which contains WOMEN to WOMEN and other strings to MEN.

Input: MEN, SNEAKERS or SNEAKERS, WOMEN

From: /.*WOMEN.* / To: WOMEN

From: /^(?!WOMEN).*/ To: MEN

PHP function `preg_replace()` is used for conversions.

Attribute merging

This feature may be very usefull for better SEO!

In the columns **Prefix** and **Suffix** you may use special expressions allowing you to merge any attribute values and/or combine attribute values with constat values.

Example

```
Color-{{attribute_code1}}-size-{{attribute_code2}}
```

Attributes Mapping Table

#	Feed attribute	XPath	Prefix	Constant value	Magento attribute	Convert attribute value	Suffix	Export parent product attribute value	Chk
1	PRODUCT	ITEM ROOT			ShortDescription	Add		No	
2	PRODUCTNAME	ITEM ROOT			Mená	Add		No	
3	DESCRIPTION	ITEM ROOT	{{attribute_code1}}		Description	Add		No	
4	URL	ITEM ROOT			Url	Add	{{attribute_code1}}	No	
5	IMGURL	ITEM ROOT			Small Image	Add		No	

Price margin

Since Koongo Connector version 6.5.0.0 you may use basic mathematical operations to handle price attributes or any numeric attribute values:

- +, -, *, /

Example

In Prefix or Sufix column you may use following expression to increases price by 15%.

```
[[{{price_final_include_tax}} * 1.15]]
```

// increasing the price by 25

```
[[{{price_final_include_tax}} + 25]]
```

Note that attribute code you may find in attribute detail under Catalog > Attributes > Manage Attributes.

Conditions

Empty Attribute Condition

You can set a condition to export non-empty values only.

Empty Attribute Condition example

```
// if value of the 'name' attribute is not empty the 'name' value is used, otherwise it is used the value of the 'description' attribute
```

```
[[('{{name}}' != '') ? '{{name}}': '{{description}}']]
```

```
// note double curling brackets surrounding attribute codes
```

Attribute Value Condition

You can define a value condition to modify exported value based on the input value.

Attribute Value Condition example

```
// if product price is higher than 100 then use product price as the final price, otherwise increase the price for 20 (adding 20 as shipping costs)
```

```
[[{{{price_final_include_tax}} > 100} ? {{{price_final_include_tax}}} : {{{price_final_include_tax}}} + 20]]
```

```
// note double curling brackets surrounding attribute codes
```

Koongo Connector - Edit Profile 'Bol.com' (ID: 187)

Showing 20th interval

Product type from: Product price to: Shipping cost: 100%

Back Execute Save Save and Continue Edit Duplicate Live Support ONLINE

Add new interval

Attributes Mapping Table

Map product attributes onto feed elements using the attributes mapping table below.

#	Bol attribute	Prefix	Default value	Magento attribute	Convert attribute value	Suffix	Export parent product attribute value	Chars limit	Post-process action
1	ProductId			Id	Add		No		Decode html entities Decode html special chars Delete spaces
2	EAN			Please select	Add		No		Decode html entities Decode html special chars Delete spaces
3	Condition		NEW	Please select	Add		No		Decode html entities Decode html special chars Delete spaces
4	Price	[[{{{price_final_include_		Please select	Add		No		Decode html entities Decode html special chars Delete spaces
5	DeliveryCode		4-0d	Please select	Add		No		Decode html entities Decode html special chars Delete spaces
6	QuantityInStock			Qty	Add		No		Decode html entities Decode html special chars Delete spaces
7	Publish		true	Please select	Add		No		Decode html entities Decode html special chars Delete spaces
8	ReferenceCode			Gen	Add		No	20	Decode html entities Decode html special chars Delete spaces

Addition of a new attribute

If the given **feed template** allows it, you can add custom attributes at the end of **Attributes mapping table**:

25	VATRate	ITEM ROOT/Price		Tax percent	Add		No		Encode special characters Character data Decode special characters Delete spaces
26	DiscountPriceStartDate	ITEM ROOT/Price		Special Price From Date	Add		No		Encode special characters Character data Decode special characters Delete spaces
27	DiscountPriceEndDate	ITEM ROOT/Price		Special Price To Date	Add		No		Encode special characters Character data Decode special characters Delete spaces
32		ITEM ROOT		Please select	Add		No		Encode special characters Character data Decode special characters Delete spaces
35		ITEM ROOT		Please select	Add		No		Encode special characters Character data Decode special characters Delete spaces

Add new attribute

Troubleshooting

Magento attribute displayed in red color

- Follow detailed instructions in [Troubleshooting section](#).

Following attributes missing in product flat catalog

- Follow detailed instructions in [Troubleshooting section](#).

Price including VAT export

- Follow instructions in [Export of Price incl. VAT](#).

Related articles

- [Following attributes are missing in Product Flat catalog](#)
- [Custom Product Attributes and Flat Catalog](#)

- Custom attribute in attribute filter
- Export of Price incl. VAT
- Attribute is disabled for edit
- Base image export
- Attribute displayed in red color