



Import Export Product Attributes - Magento 2
USER MANUAL

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Preface

- Import Export Product Attributes for Magento 2 extension helps administrators to quickly import product attributes into websites via a standard CSV file.
- Admin needs to prepare a CSV file with all necessary information about product attributes, then import by only one click.
- the extension also supports exporting all available attributes into a CSV file conveniently.
- Import/Export Product Attributes for Magento 2 extension is often used in case store owners want to change their Magento 2 websites into new ones or change from another platform to Magento 2.

Installation:

There are two ways of installing extension in magento2.

- 1) Using COMMAND LINE.
- 2) Manually install extension.

Option 1: Magento 2 install extension using COMMAND LINE (Recommended).

Follow below steps to install extension from the command line.

Step 1: Download the extension and unzip it.

Step 2: Upload it to code directory in your magento installation's app directory.
If code directory does not exists then create.

Step 3: Disable the cache under System → Cache Management.

Step 4: Enter the following at the command line:
php bin/magento setup:upgrade
php bin/magento setup:static-content:deploy

Step 5: Once you complete above steps log out and log in back to the admin panel and switch to Stores → Configuration → Mageants → Import Export Product Attribute, The module will be displayed in the admin panel.

Option 2: Magento 2 install extension manually.

Step 1: Download the extension and unzip it.

Step 2: Upload it to code directory in your magento installation's app directory. If code directory does not exists then create.

Step 3: Disable the cache under System → Cache Management Edit app/etc/config.php file and add one line code: 'Import Export Product Attribute' → 1

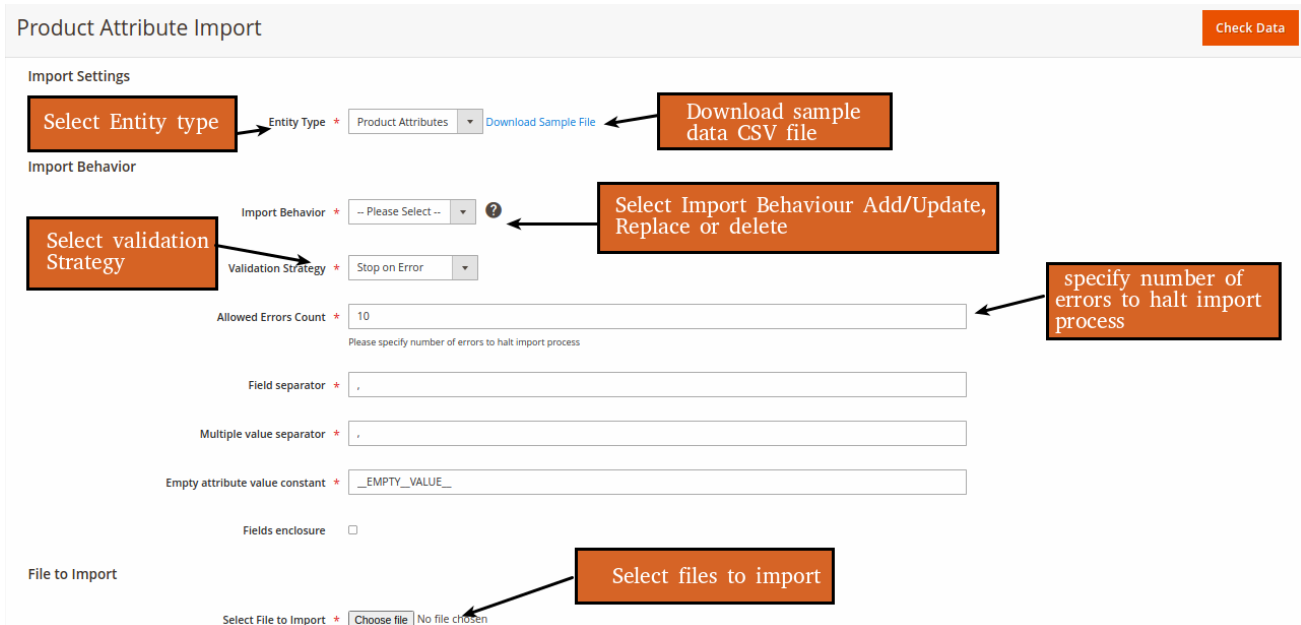
Step 4: Disable the cache under System → Cache Management

Step 5: Once you complete above steps log out and log in back to the admin panel and switch to Stores → Configuration → Mageants → Import Export Product Attribute, the module will be displayed in the admin panel.

Backend example

After Installation of Extension login to Magento admin panel to set configuration of the extension.

You can find configuration at **System -> Product Attribute Import**



Import Behavior: There are 3 options for you to select.

Add/Update: This option allows administrators to add new attributes to the website. In addition, it also updates attributes if their attribute_codes exist.

Replace: This option allows administrators to add new attributes to the website. In case attribute _ codes in the import data match with attribute_codes of existing attributes, these attributes are deleted and new records are created using the CSV data.

Delete: This option allows administrators to remove attributes in case their attribute_codes exist.

Validation Strategy: select one option from the drop-down list to determine how the system operates when there are errors in the import process.

Stop on Error: the system stops importing when there are errors.

Skip error entries: the system skips errors and continues to import.

Allowed Errors Count: This setting allows you to choose the allowed maximum number of errors when importing. If the number of errors happening in the import process exceeds that maximum number you fill in this field, the system will stop importing.

Multiple value separator: Choose a character to separate data in a field column. In our CSV sample file, the vertical bar (|) is set up as the default value.

CSV File Preparations :-

Before you import product attributes via a CSV file, you need to prepare the CSV file with enough necessary information. You can download this CSV sample file by clicking **Download Sample File**. Then you open this file and fill in fields:

	A	B	C	D	E	F	G	H	I
1	entity_type_id	attribute_code	attribute_set	attribute_group_name	attribute_group_code	is_global	is_user_defined	is_filterable	is_visib
2		4new_width	Test	Product Details	product-details	1	1	1	
3		4option_test	Test	Product Details	product-details	2	1	2	
4		4test_simple	Test	Product Details	product-details	2	1	0	
5		4visual_swatch_test	Test	Product Details	product-details	1	1	1	
6		4text_swatch_test	Test	Product Details	product-details	1	1	1	
7									
8									
9									
10									
11									
12									
13									

Data	Format	Meaning
attribute_code	A string of characters	Required to enter data. Notify errors if you leave it blank.
attribute_set	attribute_set1 attribute_set2...	+ When attribute_set doesn't exist in the database, a new attribute set is created.
attribute_group_name	A string	The name of the attribute group to which the attribute is assigned after importing. + when you leave it blank, the attribute is added to the last attribute group of the assigned attribute set. + when attribute_group_name doesn't exist in the database, a new one is auto created.
attribute_group_code		(not required): It is auto-created based on the attribute group name. If attribute_group_code is similar to attribute_group_code of an available group in the database, you will face an error.
is_global	0,1,2	0 ~ Store View

		1 ~ Global 2 ~ Website If it is left blank or wrong, it auto turns 0
is_user_defined	0,1	0 ~ attribute is defined as system attribute. 1 ~ attribute is not system attribute. Admin can delete it.
is_filterable	0,1,2	Corresponding to the Use in Layered Navigation config in the StoreFront Properties tab of the attribute: 0 ~ No 1 ~ Filterable (with results) 2 ~ Filterable (no results) If you enter the wrong value, the config auto gets 0 after importing.
is_visible	0,1	Determines whether the attribute is visible in the grid or not: 0 ~ No 1 ~ Yes
is_required	0,1	Corresponding to the Value Required config of the attribute 0 ~ No 1 ~ Yes
is_visible_on_front	0,1	Corresponding to the Visible on Catalog Pages on Storefront config: 0 ~ No 1 ~ Yes
is_searchable	0,1	Corresponding to the Use

		in Search config: 0 ~ No 1 ~ Yes
is_unique	0,1	Corresponding to the Unique Value config: 0 ~ No 1 ~ Yes
frontend_class		Optional. Database value
is_visible_in_advanced_search	0,1	Determines whether the attribute is shown in advanced search or not: 0 ~ No 1 ~ Yes
is_comparable	0,1	Corresponding to the Comparable on Storefront config of the attribute 0 ~ No 1 ~ Yes
is_filterable_in_search	0,1	Corresponding to the Use in Search Results Layered Navigation config: 0 ~ No 1 ~ Yes
is_used_for_price_rules	0,1	Determines whether the attribute is used for price rules or not: 0 ~ No 1 ~ Yes
is_used_for_promo_rules	0,1	Corresponding to the Use for Promo Rule Conditions config: 0 ~ No 1 ~ Yes
sort_order	Natural numbers	Smaller value, higher

		priority
position	Natural numbers	The display position of the attribute in layered navigation.
frontend_input		<p>Corresponding to Catalog Input Type for Store Owner:</p> <p><i>text</i>- Text Field <i>textarea</i>- Text Area <i>texteditor</i> -Text Editor (from Magento 2.3) <i>date</i>- Date <i>boolean</i>- Yes/No <i>multiselect</i>- Multiple Select <i>select</i>- Dropdown, Visual or Text Swatch <i>price</i>- Price <i>media_image</i>- Media Image <i>wee</i>- Fixed Product Tax (Notify errors and skip them when entering wrong values)</p>
backend_type		Optional. Database value
backend_model		Optional. Database value
source_model		Optional. Database value
frontend_label	label 1:label 1:label	<p>Label for the attribute, you can import label for many store views.</p> <p>(Notify errors and skip them when you leave it blank)</p>
default_value	String	Default value for the attribute
apply_to	simple group bundle	Determines product type

	configurable downloadable virtual	which the attribute is used for
is_wysiwyg_enabled	0,1	Corresponding to the Enable WYSIWYG config: 0 ~ No 1 ~ Yes
is_required_in_admin_store	0,1	0 ~ No 1 ~ Yes
is_used_in_grid	0,1	Determines whether the attribute is used in the product grid or not: 0 ~ No 1 ~ Yes
is_visible_in_grid	0,1	
is_filterable_in_grid	0,1	Determines whether the attribute is used to filter in the product grid or not: 0 ~ No 1 ~ Yes
search_weight		Defines the weight of the attribute in search.
is_html_allowed_on_frontend	0,1	Corresponding to the Allow HTML Tags on Storefront config. 0 ~ No 1 ~ Yes
used_in_product_listing	0,1	Corresponding to the Used in Product Listing config: 0 ~ No 1 ~ Yes
used_for_sort_by		Corresponding to the Used

		<p>for Sorting in Product Listing config:</p> <p>0 ~ No 1 ~ Yes</p>
swatch_input_type	<pre>{ "swatch_input_type":"visual", "update_product_preview_image":1, "use_product_image_for_swatch":0 }</pre>	<p>Determines style of attribute having Catalog input type as select:</p> <p><i>visual</i>~ attribute has visual swatch <i>text</i>~ attribute has text swatch</p>
attribute_options	<p>0:value:sortOrder </p> <p>Example: 0:Black:0 0:Blue:1 0:Brown:2 0:Gray:3 0:Green:4 0:Lavender:5 0:Multi:6 0:Orange:7 0:Purple:8 0:Red:9 0:White:10 0:Yellow:11</p>	<p>Enters labels for the attributes with select type:</p> <p>+ 0 ~ required + 1 ~ not required.</p> <p>(' ' is corresponding to the Multiple value separator. '.' is corresponding to the Option Value Separator.)</p>
attribute_options_swatchvisual	<p>0:value1:type;1:value2:type 1:value3:type</p> <p>Example: 0:#000000:1 0:#1857f7:1 </p>	<p>+ Value: is the value of swatch (it can be the image link or color code).</p>
attribute_options_swatchtext	<p>0:value1:type;1:value2:type;1:value3:type</p> <p>Example: 0:55 cm:0,1:55 cm:0 0:65 cm:0,1:65 cm:0 </p>	<p>+ 0: required to enter. + Value: is the value of swatch. + Type: is always 0. For example: 0:55 cm:0,1:55 cm:0 </p>

New Product Attribute

← Back Reset Save and Continue Edit **Save Attribute**

ATTRIBUTE INFORMATION

Properties 

Manage Labels

Storefront Properties

Attribute Properties

Default Label *

Frontend_label

Catalog Input Type for Store Owner

Visual Swatch

Frontend_input

Values Required

No

Is_required

Update Product Preview Image

Update Product Preview Image

No

Update Product Preview Image

Filtering by this attribute will update the product image on catalog page

Use Product Image for Swatch if Possible

No

Use Product Image for swatch

Allows use fallback logic for replacing

Manage Swatch (Values of Your Attribute)

Is Default

Swatch

Admin

Default Store View

Swatch Option

Attribute Options

Storeview Option

Advanced Attribute Properties

Attribute Code

This is used internally. Make sure you don't use spaces or more than 60 symbols.

Attribute_scope

Scope

Store View

Declare attribute value saving scope.

Attribute_code

Unique Value

No

Is_Unique

Not shared with other products.

Input Validation for Store Owner

None

Frontend_class

Add to Column Options

Yes

Select "Yes" to add this attribute to the list of column options in the product grid.

Use in Filter Options

Yes

Is Filterable in Grid

Select "Yes" to add this attribute to the list of filter options in the product grid.

ATTRIBUTE INFORMATION

Properties

Manage Labels

Storefront Properties

Manage Titles (Size, Color, etc.)



Default Store View

new

Frontend Label Storewise

ATTRIBUTE INFORMATION

Properties

Manage Labels

Storefront Properties

Storefront Properties

Use in Search

Is searchable

Comparable on
Storefront

Is comparable

Use in Layered
Navigation

Is filterable

Can be used only with catalog input type Yes/No, Dropdown, Multiple Select and Price.
Price is not compatible with 'Filterable (no results)' option - it will make no affect on Price filter.

Use in Search
Results Layered
Navigation

Is Filtereable in search

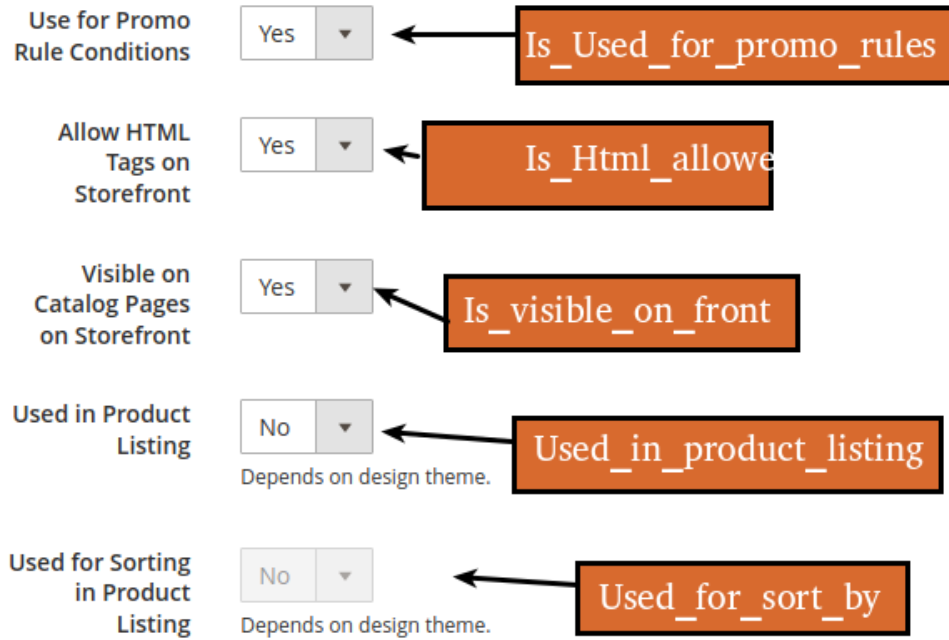
Can be used only with catalog input type Yes/No, Dropdown, Multiple Select and Price.

Position

Position

Position of attribute in layered navigation block.

Position of attribute in layered navigation block:



Import Product Attributes:-

Your CSV file must include enough the number of columns like the sample file so that you can successfully import it. (If the number of columns is greater or fewer than those in the sample file, the system will notify you about errors).

After you finish the CSV file, tab **Choose File** button to select the file to import.

Product Attribute Import

[Check Data](#)Entity Type * Product Attributes [Download Sample File](#)[Check data for file validation](#)

Import Behavior

Import Behavior * Add/Update ?

Validation Strategy * Stop on Error

Allowed Errors Count * 10
Please specify number of errors to halt import process

Field separator * ,

Multiple value separator * ,

Empty attribute value constant * _EMPTY_VALUE_

Fields enclosure ☐

File to Import

Select File to Import * [Choose file](#) product_attribute (12).csv
File must be saved in UTF-8 encoding for proper import[Choose files to import](#)

If your CSV file is free from errors, there is a message to notify validation results and the Import button now appears to click.

Multiple value separator *


Empty attribute value constant *


Fields enclosure ☐

File to Import

Select File to Import * product_attribute (12).csv
File must be saved in UTF-8 encoding for proper import

Validation Results

 Checked rows: 5, checked entities: 5, invalid rows: 0, total errors: 0

 File is valid! To start import process press "Import" button

Show Import Button when validation is successful and no error in csv file

You click the Import button to start importing product attributes in the CSV file into Magento 2 website.

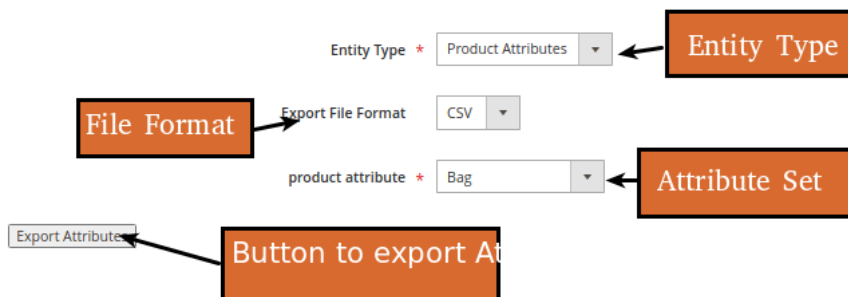
Export Product Attributes

You go to **System ⇒ Export Product Attributes** and select **Product Attributes** in the drop-down list of **Entity Type**.

choose CSV in the **Export File Format** field.

you can export all available product attributes by choosing All from the drop-down list or export each attribute set.

Product Attribute Export



After selecting attribute set When Admin Click **Export Attribute** button a CSV file is Downloaded.



Thank you!

if you have any questions or feature suggestions, please contact us at:
<https://www.mageants.com/contact-us>

Your feedback is absolutely welcome!