

Amasty

For more details see the [Order Attributes](#) extension page.

Order Attributes for Magento 2

Add an unlimited number of extra fields to your checkout page to easily collect and process additional order related data. Display all created order attributes on a handy backend grid to keep necessary information at hand.

- Create order attributes of different types
- Use flexible conditions for attribute fields display
- Show additional attributes info on the order grid
- Add custom attributes to emails and PDF documents
- Show extra attributes depending on a selected shipping method

Due to flexible settings and intuitive interface, the Order Attributes for Magento 2 extension will help you easily fine tune the checkout page according to your requirements. Create as many additional order attributes as you need. Use various field input types and quickly process collected data on the backend.

General Settings

To configure general extension settings please go to **Stores** → **Configuration** → **Order Attributes**.

Checkout Settings

Checkout Settings

Display attribute values in the progress sidebar [store view]

Hide empty values in the progress sidebar [store view]

Display Attribute Values in the Progress Sidebar - Set the option to 'Yes' if you want to display

custom order attributes on the checkout progress bar.

Hide Empty Values in the Progress Sidebar - Enable the option to hide attributes with empty values on the checkout progress sidebar.

PDF Documents

Decide whether to include order attributes in **PDF documents** (invoices and shipping slips).

PDF Documents

Include order attributes into shipment (packing slip)
[global]

Include order attributes into invoice
[global]

Invoices and Shipments

Specify where do display order attributes (invoices/shipment grid and view).

Invoices and Shipments

Display order attributes on invoices grid <small>[global]</small>	Yes	▼
Display order attributes on invoices view <small>[global]</small>	Yes	▼
Display order attributes on shipments grid <small>[global]</small>	Yes	▼
Display order attributes on shipments view <small>[global]</small>	Yes	▼

New Attribute Creation

To manage order attributes please go to **Sales** → **Manage Order Attributes**.

Manage Order Attributes

[Add New Order Attribute](#)

Filters

Default View ▾

Columns ▾

4 records found

20 ▾ per page

1 of 1

<input type="checkbox"/>	Attribute Code	Attribute Label	Visible	Checkout Step	Include Into PDFs	Appy Default	Show on Grid	Position	Action
<input type="checkbox"/>	delivery_time	Delivery time	Yes	Shipping	Yes	No	Yes	0	Edit
<input type="checkbox"/>	favorite_products	Favorite Products	Yes	Shipping	No	No	Yes	1	Edit
<input type="checkbox"/>	join_us	Join us	Yes	Shipping	No	No	Yes	2	Edit
<input type="checkbox"/>	where_shop_is_found	Where did you find us	Yes	Shipping	No	No	Yes	3	Edit

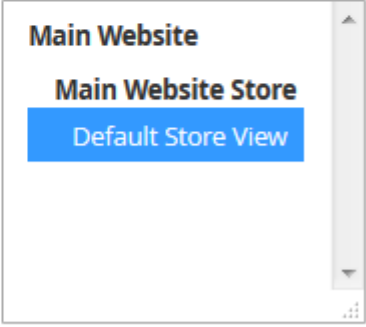
All created attributes will be displayed in a special grid. Click the **'Add New Order Attribute'** button to create an attribute.

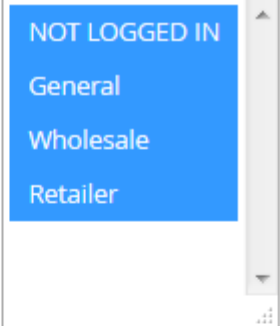
Attribute Properties

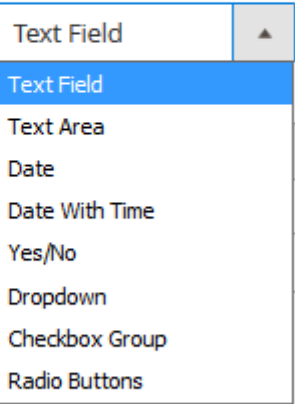
Attribute Properties

Default Label *

Attribute Code *
This is used internally. Make sure you don't use spaces or more than 30 symbols.

Store View * 

Customer Groups 

Catalog Input Type for Store Owner 

Values Required

Default Value

Visible on Front-end

Visible on Back-end

Default Label/ Attribute Code - Specify an attribute label and a code. The code will be used only for internal needs.

Store View - Select the store view for which the attribute will be available.

Customer Groups - Select customer groups for which the attribute will be shown.

Catalog Input Type for Store Owner - It's possible to choose among various input types depending on your specific needs. You can select one of the following input types:

- Text Field
- Text Area
- Date
- Date With Time
- Yes/No
- Dropdown
- Checkbox Group
- Radiobuttons

For all input types except **Dropdown**, **Checkbox Group**, and **Radiobuttons** you can define the default value in the corresponding field.

For the **Dropdown**, **Checkbox Group**, and **Radiobuttons** input types you can add multiple options in the **Manage Label/Options** tab.

NOTE: after the attribute code and the catalog input type are specified and saved they can't be changed.

Values Required - If the option is set to 'yes' customers won't be able to leave this attribute field blank while getting registered.

Default Value - Specify the value which will be preselected by default if necessary.

Visible on frontend/backend - Choose where the attribute will be displayed.

Tooltip - fill in the text here to help customers understand the necessity of this order attribute.

Attribute Configuration

Attribute Configuration

Show On Checkout Step	<input type="text" value="Shipping"/>
Display Sorting Order	<input type="text" value="4"/> <small>Numeric, used in front-end to sort attributes</small>
Save Entered Value For Future Checkout	<input type="text" value="Yes"/>
Show on Admin Grids	<input type="text" value="Yes"/>
Include Into HTML Print-out	<input type="text" value="Yes"/> <small>Order confirmation HTML print-out.</small>
Include Into PDF Documents	<input type="text" value="No"/>
Include Into API	<input type="text" value="No"/>
Automatically Apply Default Value	<input type="text" value="No"/>

Show On Checkout Step - Specify at which checkout step the attribute should be displayed:

- Shipping
- Reviews & Payments

Display Sorting Order - Set the sorting order for attribute display on the frontend.

Save Entered Value For Future Checkout - If you set the option to 'Yes', registered customers will need to fill in the field only once, after that the field will be auto-populated (with the possibility to edit).

Automatically Apply Default Value - If set to 'Yes', the default value will be automatically applied to each order if the attribute value is not specified by a customer or is not visible on the frontend.

You can specify whether to include each particular order attribute in PDF documents and HTML printouts. **NOTE:** The corresponding [configuration settings](#) need to be turned to 'Yes' to make the option work.

Manage Labels / Options

Manage Titles (Size, Color, etc.) ⌵

Default Store View

Manage Options Hi(values of your attribute)

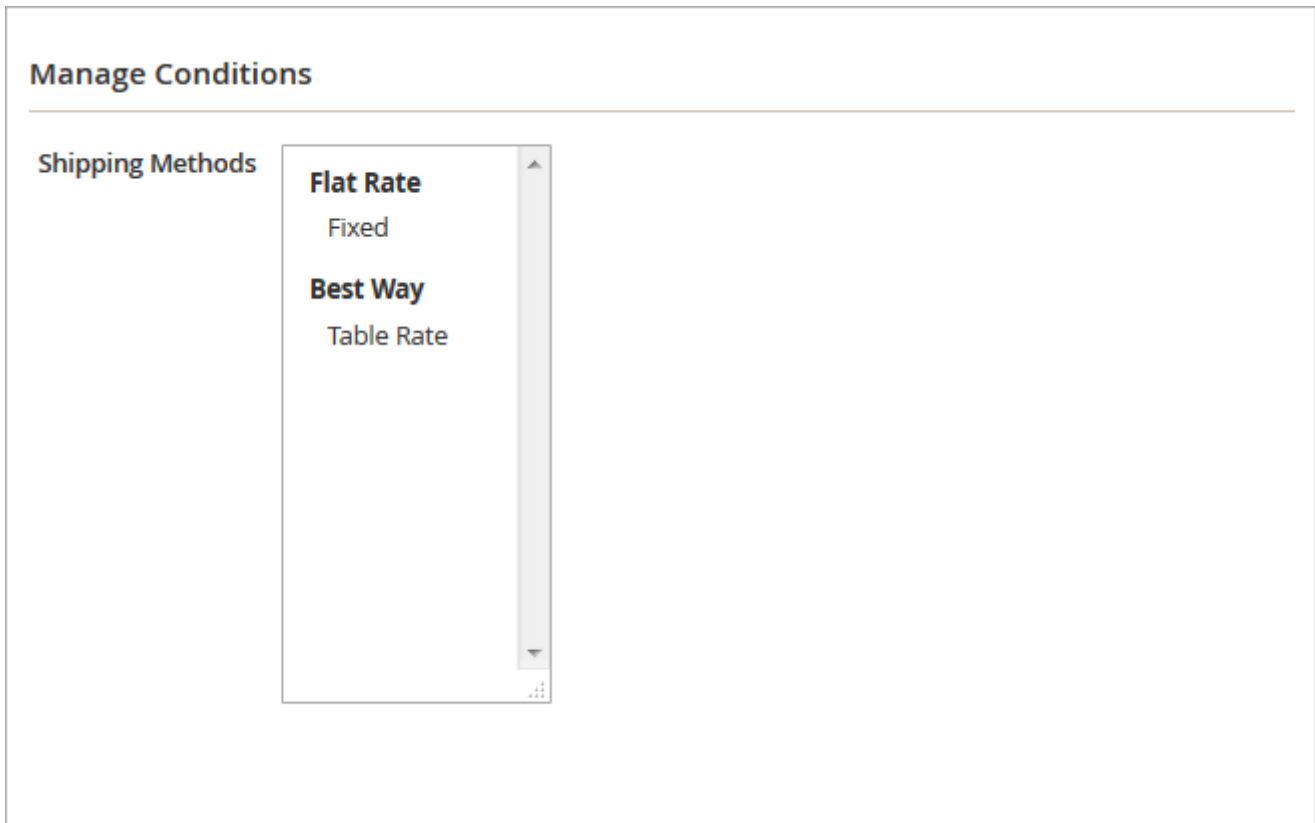
Is Default	Default Store View	Admin	
<input checked="" type="radio"/>	<input type="text" value="Facebook"/>	<input type="text" value="Facebook"/>	<input type="button" value="Delete"/>
<input type="radio"/>	<input type="text" value="Google+"/>	<input type="text" value="Google+"/>	<input type="button" value="Delete"/>
<input type="radio"/>	<input type="text" value="Twitter"/>	<input type="text" value="Twitter"/>	<input type="button" value="Delete"/>
<input type="radio"/>	<input type="text" value="YouTube"/>	<input type="text" value="YouTube"/>	<input type="button" value="Delete"/>

Default Store View - Specify attribute title that will be visible on the frontend.

Manage Options - Create as many attribute values as you need, specify the value that will be preselected by default.

Use the **Unselect All** link to remove the default choice. Also, you can drag-and-drop the variants to prioritize them according to your needs.

Attribute Conditions



Shipping Methods - Specify particular shipping methods to show the extra attribute only to those customers who choose specified methods.

Attribute Relations

To manage attribute relations please go to **Sales** → **Order Attributes** → **Manage Attribute Relations**.

Attribute Relations Grid

Attribute Relation

admin

Add New Relation

✓ The Relation has been saved.


Filters | Default View | Columns

1 records found | 20 per page | 1 of 1

Relation Name	Parent Attribute	Dependent Attributes	Attribute Codes	Checkout Step	Action
Join us	Where did you find us	Join us	where_shop_is_found, join_us	Shipping	Edit

Attribute Relation - On the 'Attribute Relation' grid you'll see all created relations. It's possible to add an unlimited number of new relations and manage already created once.

Create Attribute Relations

Relation Information 

Relation Name *
For internal use

Parent Attribute *

Attribute Options *

- Facebook
- Google+
- Twitter
- YouTube

Dependent Attributes *

- Delivery time
- Favorite Products
- Join us

Dependent attributes should be configured on the same checkout step as the parent attribute

Relation Name - Specify a relation name that will be used for internal needs only.

Parent Attribute - Choose the attribute that will be a parent.

Attribute Options - Select attribute values that will trigger the display of dependent attributes.

Dependent Attributes - Specify which attributes will be dependent. These attributes will be displayed only if a customer selects one of the specified values of a parent attribute.

According to our relations settings the **'Join us' attribute** is shown only when the **'Facebook' value** in the parent attribute is chosen.

Where did you find our shop?

Google+

Twitter

Facebook

YouTube

Other

Join us *

Affiliate Program

Business Club

Please, mind that you can create relations only for the following types of attributes:

- Dropdown
- Checkbox Group
- Radio Buttons

Attributes Display in the Admin Panel

Order Grid

Show all custom order attributes on the **Orders Grid**.

20 per page

Bill-to Name	Ship-to Name	Grand Total (Base)	Grand Total (Purchased)	Status	Action	Company Name	Place
Veronica Costello	Veronica Costello	\$49.00	\$49.00	Pending	View	My Company Ltd.	Twitter
Veronica Costello	Veronica Costello	\$68.87	\$68.87	Complete	View	Sports Plus	Youtube
Veronica Costello	Veronica Costello	\$191.45	\$191.45	Pending	View	My Company Ltd.	Twitter

Order View Page

Additional order attributes data will be displayed on the **Order info page**.

Billing Address [Edit](#)

Veronica Costello
6146 Honey Bluff Parkway
Calder, Michigan, 49628-7978
United States
T: (555) 229-3326

Shipping Address [Edit](#)


Veronica Costello
6146 Honey Bluff Parkway
Calder, Michigan, 49628-7978
United States
T: (555) 229-3326

Custom Attributes [Edit](#)

Delivery time	2/28/17, 3:31 PM
Favorite Products	Order #2
Where did you find us	Facebook
Join us	Affiliate Program

Click '**Edit**' to modify custom attributes from the admin panel.

Attributes' Values

Delivery time 

Favorite Products

Where did you find us

- Google+
- Twitter
- Facebook
- YouTube
- Other

Join us * Affiliate Program

Business Club

HTML Printouts

Include custom attributes in **HTML** and **PDF** printouts.

Choose delivery date and time

Favorite Products

What is your position in the company? *

▼

Sales Manager

Marketing Manager

Other

Twitter

Facebook

YouTube

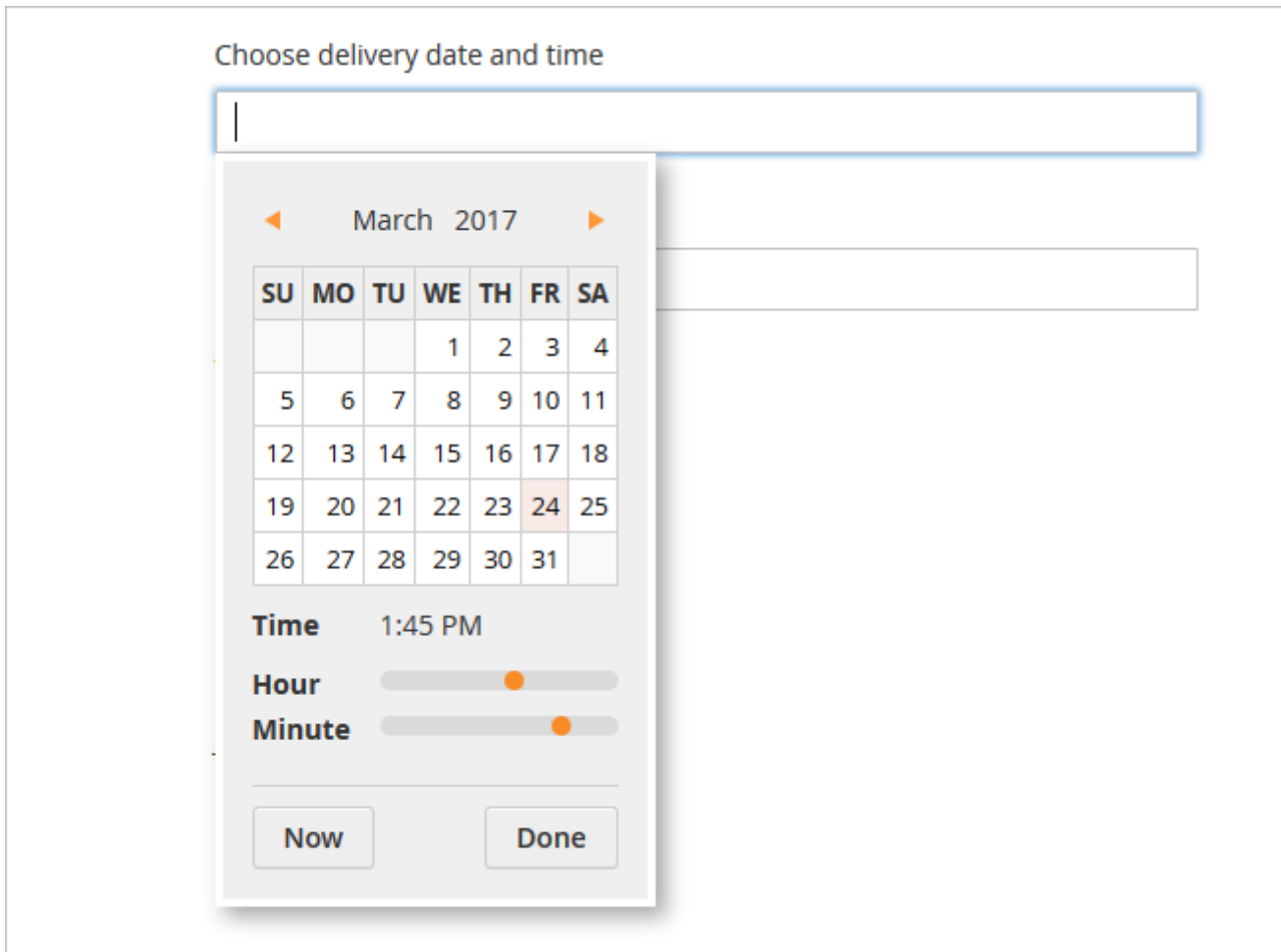
Other

Join us *

Affiliate Program

Business Club

Display a handy calendar for the **'Date'** and **'Date and Time'** input types. The calendar appears once a customer clicks on the attribute field.



Also, the customers will be provided with the selected attributes on the checkout page.

Include Order Attributes in E-mail

The extension is compatible with [Order Status for Magento 2](#).

You can include order attributes in your business e-mails, by inserting the special variable in your messages. Insert an order attribute into the code:

If order attribute is *comment*, for instance, insert the following in your letter:

```
{{var order.getComment()}}
```

or

```
{{var order.getData('comment')}}
```

Compatibility with REST/SOAP API

To get order attributes using API please look through these steps and methods:

- Order attributes should have "Include Into API" = Yes

- To get order data you should be authorized as admin and have the API Authorization token
- Use one of the methods below:

```
GET /V1/orders/  
{id}  
GET /V1/orders  
amasty_order_attributes will be in amasty_order_attributes array and  
contains the array of the attributes.  
"attribute_code" - contains system attribute code;  
"label" - contains attribute Title (can have specialchars)  
"value" - contains attribute system value, like option ID or text  
"value_output" - parsed value of attribute
```

For example:

```
(  
.....  
[entity_id] => 1  
.....  
[extension_attributes] => stdClass Object  
(  
.....  
[amasty_order_attributes] => Array  
(  
[0] => stdClass Object  
(  
[attribute_code] => amasty_code  
[label] => Some Amasty  
[value] => 215  
[value_output] => amasty_option3  
)  
)  
)
```

Or:

```
PUT /V1/orders/create  
POST /V1/orders/  
amasty_order_attributes should be in "extension_attributes" array and  
contain array of the attributes  
"attribute_code" - contains system attribute code;  
"value" - contains attribute system value, like option ID or text
```

For example:

```
"entity" => [  
"entity_id" => 3,  
"increment_id" => "000000004",
```

```
"store_id" => 1,
"extension_attributes" => [
"amasty_order_attributes" => [
[
"attribute_code" => "amasty_options",
"value" => value_id
],
[
"attribute_code" => "amasty_text",
"value" => 'test'
]
],
]
]
```

Find out how to install the **Order Attributes** extension for Magento 2 via [Composer](#).

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○ ○ ○ ○ ○

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