

# Shipping Rules

Shipping Rules is an extension that allows for the creation of shipping options that are dependent upon customisable conditions, using a system similar to promotional rules.

- [Installation](#)
- [Global Configuration](#)
- [Configuring Rules](#)
  - [Conditions](#)
  - [Comparators](#)
- [How do I know which shipping methods will show to the user?](#)
  - [Basic Algorithm](#)
- [Export / Import](#)

## Installation

To install simply use the Magento Connect Manager. You can do this from the Magento admin area and heading to System > Magento Connect Manager. You should have been provided with a package file, with the filename format Meanbee\_ShippingRules-1.0.0.tgz. You can upload this package in the Direct package file upload section:

### Direct package file upload

1 Download or build package file.

2 Upload package file:  No file chosen

## Global Configuration

Configuration for the extension can be found 'System' > 'Configuration' under the 'Sales' heading on the 'Shipping Methods' tabs in the 'Meanbee: Shipping Rules' group.

Enabled	Allows you to completely disable all functionality of the Shipping Rules extension
Title	The name of the 'carrier' whenever a matched rule is shown to the customer.
Show method code on grid?	When set to "Yes", will show the internal Magento shipping code on the grid. This is useful if you have 3rd party integration that requires such information.
Sort Order	A number to indicate where in the list of shipping 'carriers', the Shipping Rules 'carrier' is , when shown to the user.
Condense countries on grid	<ul style="list-style-type: none"><li>• <b>Show country names in full</b> - Full textual names are used for countries</li><li>• <b>Condense to country codes</b> - Country names are shortened to ISO 3166-1 alpha-2 country codes (e.g. United Kingdom is shortened to GB)</li><li>• <b>Condense to regional identifiers</b> - Same as <i>Condense to country codes</i> but in the Regional Identifiers space. (Shows as countries' flags on most systems.)</li></ul>

Meanbee: Shipping Rules

Enabled: Yes [STORE VIEW]

Title: Shipping Method [STORE VIEW]

Show method code on grid?: No [STORE VIEW]

Sort Order: [STORE VIEW]

Condense countries on grid: Show country names in full [STORE VIEW]

Operator render type on grid: Use textual operators (e.g. less than or equal to) [STORE VIEW]

Clip conditions on grid after: 5 [STORE VIEW]

Collapse conditions on grid after: n degree sub-condition [STORE VIEW]

<b>Use Emoji One to display flags</b>	When set to "Yes" the flags will be replaced with images, allowing for flags that may not be natively supported by your device(s), falls back to country code if no image is found.
<b>Operator render type on grid</b>	<ul style="list-style-type: none"> <li><b>Use textual operators</b> - Shows operators in textual form (e.g. begins with, less than or equal to, etc.).</li> <li><b>Use mathematical operators</b> - Shows operators as mathematical symbols (e.g. =, &lt;, , etc.).</li> </ul>
<b>Clip conditions on grid after</b>	After the set number of conditions in a condition combination, no more are shown when viewed on the grid.
<b>Collapse conditions on grid after n<sup>th</sup> degree sub-condition</b>	After this level sub-condition, all nested conditions will be collapsed by default.

## Configuring Rules

Shipping rules can be managed from 'Catalog' > 'Manage Shipping Rules'.

**Manage Shipping Rules**
Add a new Shipping Rule
Import Shipping Rules

Page 1 of 1 pages | View 20 per page | Total 0 records found
Export to: CSV
Export
Reset Filter
Search

Select All | Unselect All | Select Visible | Unselect Visible | 0 items selected
Actions
Submit

Enabled	Name	Rule Condition Summary	Price	Notes	Sort Order	Display Sort Order
Any					From: To:	From: To:
No records found.						

New shipping rules can be added by clicking 'Add a new Shipping Rule'. Existing rules can be edited by selecting them.

<b>Rule Enabled?</b>	If "No" the rule will not be considered for matching.
<b>Shipping Method Name</b>	The text shown to customer if all conditions passed. Used by ' <i>Stop rule processing if matched</i> '.
<b>Shipping Method Price</b>	The price the customer need pay for the shipping method.
<b>Per Item Pricing</b>	If enabled the cost to the customer will be the pice of the shipping method multiplied by the total number of items in the cart.
<b>Notes</b>	Intended for internal use only; feel free to use this field for any information associated with the shipping method.

**New Shipping Rule**
Back
Add New Shipping Rule
Cancel And Continue To

Shipping Rule Information
Rule Enabled? ☐ No ☒ Yes
Shipping Method Name \* 
This is the name of the shipping method that will be displayed to the customer.
Shipping Method Price \* 
This is the price that the customer will be charged.
Notes 
For internal use.
Sort Order 
Optional: Rules are sorted according to their values and to created time.
Display Sort Order 
Optional: Specifies the order in which the rules are displayed to the customer.
Stop rule processing if matched ☐
Optional: Stop processing rules when this rule's shipping method name is matched.
Stop all rule processing if matched ☐
Optional: Stop processing rules regardless of method name if matched.
Shipping Method Cost 
Optional: The actual cost incurred by the rule owner when the customer uses the method.
Cost Conditions 
7 Add 1 of these conditions any (7/10)

<b>Sort Order</b>	Number to indicate where, in the list of shipping rules to consider for matching, this rule appears. Lower values are checked first. Important if using ' <i>Stop rule processing if matched</i> ' or ' <i>Stop all rule processing if matched</i> ' .
<b>Display Sort Order</b>	Number to indicate where, in the list of shipping methods displayed to the customer, this rule appears. Lower values appear first.
<b>Stop rule processing if matched</b>	If checked, when this rule is successfully matched, no further rules that have the same name as this rule will be considered for matching.
<b>Stop all rule processing if matched</b>	If checked, when this rule is successfully matched, no further rules will be considered for matching, regardless of their name.
<b>Shipping Method Cost</b>	The actual cost incurred to the store whenever a customer uses the shipping method.

## Conditions

<b>Conditions Combination</b>	Compound condition. Considers the contained conditions and passes if (ALL   ANY) of them are (TRUE   FALSE).
<b>Magento Environment</b>	
<b>Magento Store</b>	Matches against the store from which the order is to be placed.
<b>Magento Website</b>	Matches against the website from which the order is to be placed.
<b>Is an admin order?</b>	Matches against whether or not the order is placed from the administration console.
<b>Customer Information</b>	
<b>Customer Group</b>	Matches against the customer group to which the customer is assigned.
<b>Cart Conditions</b>	
<b>Cart Weight (Total Weight)</b>	Matches against the total weight of all items the customer has in the cart.
<b>Cart Item Count (Total Items Quantity)</b>	Matches against the quantity of all items the customer has in the cart.
<b>Cart Subtotal excl. Tax</b>	Matches against the subtotal of the cart before tax calculations are applied.
<b>Cart Subtotal incl. Tax</b>	Matches against the subtotal of the cart after all tax calculations have been applied.
<b>Cart Subtotal after Discounts</b>	Matches against the subtotal of the cart after discounts have been applied.
<b>Promotional Conditions</b>	
<b>Coupon</b>	Matches against the coupon that has been applied to the cart.
<b>Free Shipping</b>	Matches against whether or not free shipping has been applied to the cart.
<b>Applied Cart Price Rule</b>	Matches against whether or not the cart has the specified cart price rules applied.

Payment Conditions	
<b>Note</b>	<p>In the default Magento checkout the customer will select a shipping method before selecting/entering any payment information. As such, when using the default checkout, these conditions will never match.</p> <p>Modifications to the checkout to make it request available shipping method options from Magento after payment information is entered are currently out of the scope of this extension.</p>
<b>Payment Method</b>	Matches against the payment method the customer has selected.
Time Conditions	
<b>Time of Day</b>	Matches against the time that has passed since 00:00:00 on the current day, with respect to the store's timezone (24-hour clock), at the time of order creation.
<b>Day of Week</b>	Matches the day of week in which the order is placed.
Destination Conditions	
<b>Shipping Street Address, Line 1</b>	Matches against the first line of the customer-entered destination street address.
<b>Shipping Street Address, Line 2</b>	Matches against all but the first line of the customer-entered destination street address.
<b>Shipping Country</b>	Matches against the country of the customer-entered destination.
<b>Shipping Country Group</b>	Matches against the groups to which the customer-entered destination country belongs.
<b>Shipping State</b>	Matches against the state/province of the customer-entered destination.
<b>Shipping Zip Code</b>	<p>(<b>Deprecated</b>, see '<i>Shipping Postal Code</i>' for replacement)</p> <p>Matches against the zip code of the customer-entered destination, where applicable, as a textual value.</p>
<b>Shipping Postcode (UK only) Prefix</b>	<p>(<b>Deprecated</b>, see '<i>Shipping Postal Code</i>' for replacement)</p> <p>Duplicate of '<i>Shipping Postcode Prefix (UK only)</i>', previously retained for backwards compatibility.</p>
<b>Shipping Postal Code</b>	<p>Compound condition. Does not pass if the customer-entered destination country does not match the specified postal code format.</p> <p>Splits the postcode into a maximum of 4 parts as determined by the selected format, to apply to the contained conditions.</p> <p>Considers the contained conditions and passes if (ALL   ANY) of them pass.</p>
Specialist Destination Conditions ( <b>Deprecated</b> )	
<b>Shipping Zip Code (if numeric value)</b>	<p>(<b>Deprecated</b>, see '<i>Shipping Postal Code</i>' for replacement)</p> <p>Matches against the zip code of the customer-entered destination, where applicable, as a numeric value.</p>
<b>Shipping Postcode Prefix (UK only)</b>	<p>(<b>Deprecated</b>, see '<i>Shipping Postal Code</i>' for replacement)</p> <p>Matches against the outward code part of the UK formatted postal code of the customer-entered destination. Recommend to combine with Shipping Country to be sure destination is the UK.</p>
Cart Item Conditions	
<b>Cart Items Sub-selection</b>	<p>Compound condition. Passes if the total (Price   Special Price   Quantity) condition passes for a sub-selection of items in the cart that match (ALL   ANY) of the contained conditions.</p> <p>The contained conditions include any product attribute which has 'Use for Promo Rule Conditions' set to "Yes".</p>

## Comparators

<b>IS</b>	Passes as long as both the value specified in the shipping rule and the valued the customer has entered is exactly the same.
<b>IS NOT</b>	Passes when the same condition with <b>IS</b> would fail. Fails when the same condition with <b>IS</b> would pass.
<b>GREATER THAN</b>	<p>Passes when the value the customer has entered is numerically greater than the value specified in the shipping rule.</p> <p>In the case of alphanumeric values, passes when the value the customer has entered succeeds the value specified in the shipping rule if sorted ascending.</p>

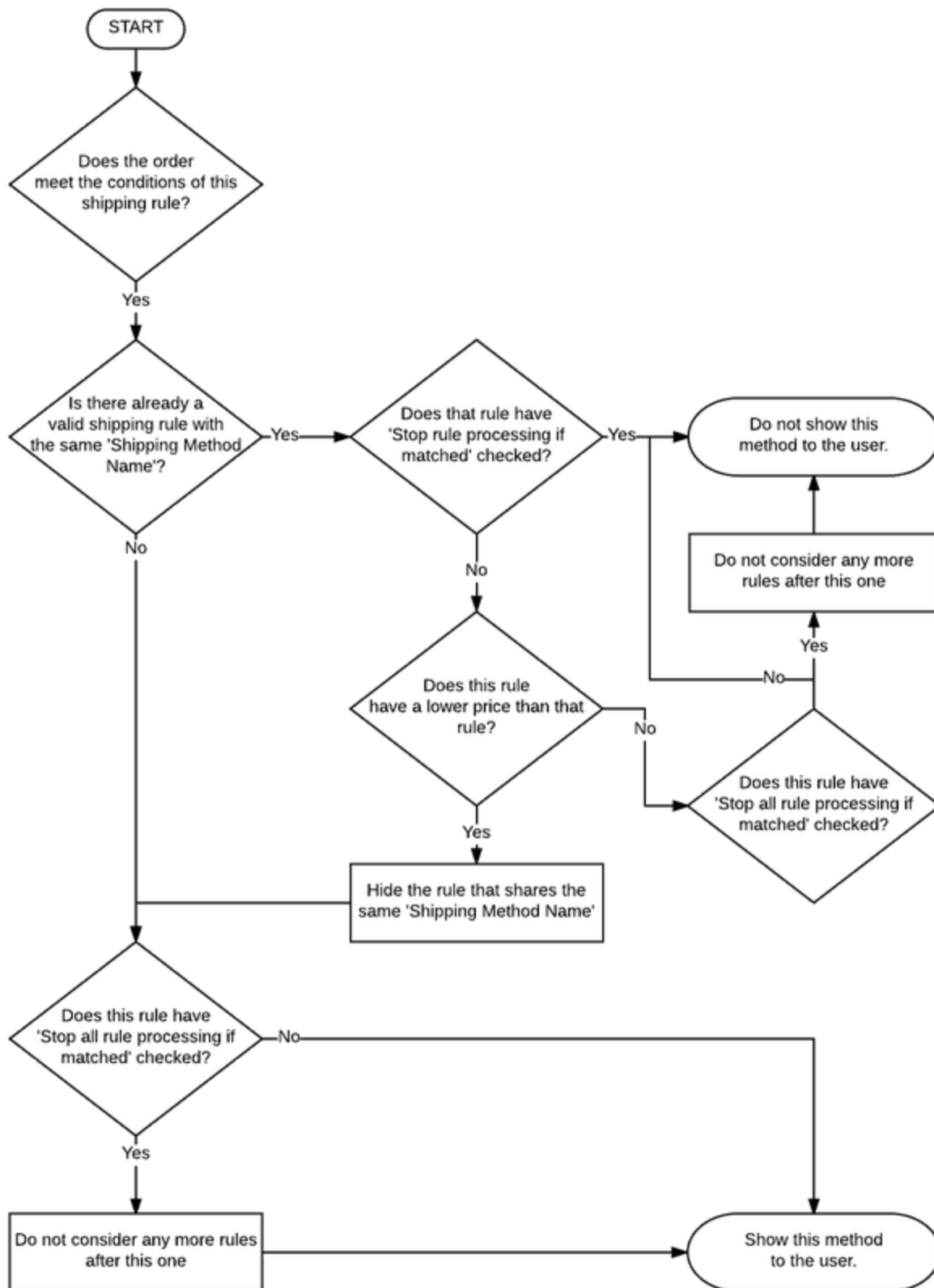
<b>LESS THAN</b>	Passes when the value the customer has entered is numerically less than the value specified in the shipping rule. In the case of alphanumeric values, passes when the value the customer has entered precedes the value specified in the shipping rule if sorted ascending.
<b>GREATER THAN OR EQUAL TO</b>	Passes when the value the customer has entered is numerically greater than or exactly the same as the value specified in the shipping rule. In the case of alphanumeric values, passes when the value the customer has entered is exactly the same or succeeds the value specified in the shipping rule if sorted ascending.
<b>LESS THAN OR EQUAL TO</b>	Passes when the value the customer has entered is numerically less than or exactly the same as the value specified in the shipping rule. In the case of alphanumeric values, passes when the value the customer has entered is exactly the same as or precedes the value specified in the shipping rule if sorted ascending.
<b>IN RANGE</b>	Value maximum and minimum delimited by a dash (e.g. 15-39). Passes when the value the customer has entered is <b>GREATER THAN OR EQUAL TO</b> the minimum specified in the shipping rule and <b>LESS THAN OR EQUAL TO</b> the maximum specified in the shipping rule.
<b>IS NOT IN RANGE</b>	Passes when the same condition with <b>IN RANGE</b> would fail. Fails when the same condition with <b>IN RANGE</b> would pass.
<b>CONTAINS</b>	Passes when the entirety of the value specified in the shipping rule can be found within the value the customer has entered.
<b>DOES NOT CONTAIN</b>	Passes when the same condition with <b>CONTAINS</b> would fail. Fails when the same condition with <b>CONTAINS</b> would pass.
<b>IS ONE OF</b>	Passes when the entirety of the value the customer has entered matches the entirety of any value specified in the shipping rule.
<b>IS NOT ONE OF</b>	Passes when the same condition with <b>IS ONE OF</b> would fail. Fails when the same condition with <b>IS ONE OF</b> would pass.
<b>BEGINS WITH</b>	Passes as long as the value the customer has entered begins with the entirety of the value specified in the shipping rule.
<b>DOES NOT BEGIN WITH</b>	Passes when the same condition with <b>BEGINS WITH</b> would fail. Fails when the same condition with <b>BEGINS WITH</b> would pass.
<b>ENDS WITH</b>	Passes as long as the value the customer has entered ends with the entirety of the value specified in the shipping rule.
<b>DOES NOT END WITH</b>	Passes when the same condition with <b>ENDS WITH</b> would fail. Fails when the same condition with <b>ENDS WITH</b> would pass.
<b>MATCHES REGEX</b>	Uses a Perl Compatible Regular Expression engine. Details on such functionality is out of scope of this documentation. See <a href="http://www.regular-expressions.info/tutorial.html">http://www.regular-expressions.info/tutorial.html</a> for more information.

## How do I know which shipping methods will show to the user?

### Basic Algorithm

The process that the extension goes through when deciding which rates to show the user is as follows:

Considering the rules in order of 'Sort Order' ascending:



The methods are then sorted by 'Display Sort Order'.

## Export / Import

Exporting and importing shipping rules is intended for when you need to transfer the rules from one Magento installation to another. It is also

possible using this functionality to use the data with custom tooling, should you have need to tie the extension to some other process.

To export shipping rules, click 'Export' on the grid.

To import shipping rules from a CSV file, click 'Import Shipping Rules' on the grid, select the file, and click 'Import Rules'.

Should you need to automate this process, the rules can be pulled in CSV format from GET ``/admin/shippingrules/exportCsv``, can be accepted in CSV format at POST ``/admin/shippingrules/importPost``, sending the file as POST data. This is only possible if you have passed Magento authentication.