**Module Global PDF**

**User Manual**

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# Overview

GlobalPDF is a Magento extension design to customize Magento PDF documents but also add new ones

* Fully customizable invoices, packing slip, credit memo
* Automatically generate PDF from product sheet : Global PDF supports simple, configurable and bundle products with custom options
* New PDF to allow customer to print its cart
* New PDF to print order
* Product PDF catalog generator : select products from a category or from scratch and create a PDF catalog
* Ability to print the PDF of « Quotation » and « Product Return » when clicking on the button Print

All PDF are fully customizable using human readable XML templates

# Installation

## File upload

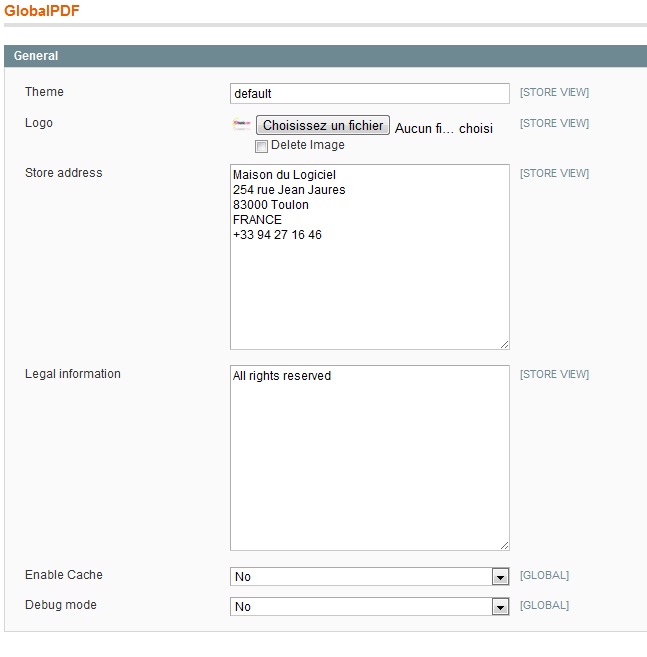
|  |  |  |
| --- | --- | --- |
| **Source** | **Target** | **Comment** |
| app/code/community/MDN/GlobalPDF | app/code/community/MDN/ |  |
| app/locale/\* | app/locale/ |  |
| app/etc/modules/\* | app/etc/modules |  |
| js/mdn/GlobalPDF.js | js |  |
| app/design/adminhtml/default/default/layout/GlobalPDF.xml | app/design/adminhtml/default/default/layout/ |  |
| app/design/adminhtml/default/default/template/GlobalPDF | app/design/adminhtml/default/default/template/ |  |
| app/design/frontend/base/default/layout/GlobalPDF.xml | app/design/frontend/base/default/layout/ |  |
| app/design/frontend/base/default/template/GlobalPDF | app/design/frontend/base/default/template/ |  |
| media/GlobalPDF | media/ |  |

Once all files are uploaded, refresh magento cache, logout and login again to magento admin panel

# Settings

All settings are available using menu System > Configuration > General > GlobalPDF

Note : if you get an error message (access denied), you need to logout and login to Magento Admin panel to reset permissions



## General

|  |  |
| --- | --- |
| **Setting** | **Description** |
| Theme | Directory name to use for xml templates (for more information, please read "Customize PDF" section) |
| Logo | Picture to display in PDF headers |
| Adress | Your postal address (displayed on invoices, shipments and credit memo |
| Legal information | Text displayed in PDF footer |
| Enable cache | Improve product PDF generation time |
| Debug mode | If enabled, display every PDF item areas for debug purpose |

# How to use

Global PDF improve magento PDF design and add ne ones : here is a tour of the different features

## Improved Invoice PDF

To view invice PDF, print an invoice using menu sales > invoices > [select an invoice] > print button

## Improved packing slip PDF

To view packing slip PDF, print a shipment using menu sales > shipments > [select a shipment] > print button

## Improved credit memo PDF

To view credit memo PDF, print a credit memo using menu sales > creditmemo > [select a credit memo] > print button

## Print product sheet

On the front side, select any product and click on the "print" button (close to the "add to cart button")

## Print cart

On the front side, add any product and once your are on the cart page, click on the "print" button (close to the "Place order")

## Build PDF catalog

With Global PDF, you can easily build a PDF catalog with selected products.

To create a catalog, select menu catalog > Build PDF catalog : fill in catalog name, select a category or manually select product using the bottom grid and then, click on the "Build Catalog" button : Global PDF then ask you to download PDF catalog

# Customize PDF

The most interesting Global PDF feature is the ability to fully customize all PDF using xml templates.

## Themes

If you wish to customize templates, we recommend to create a new theme to keep original template files. To create a new theme, follow these instructions

* Create a new "my\_theme" directory in media/GlobalPDF/
* Copy all media/GlobalPDF/default content in your "my\_theme" directory
* Enable your theme in system > configuration > global pdf > theme : fill in my\_theme in theme textbox

## Templates

Templates are xml files with instructions to build PDF content. All templates are in your theme directory :

* shipment.xml : template for packing slip pdf
* product.xml : template for product pdf
* order.xml : template for order pdf
* invoice.xml : tempate for invoice pdf
* header.xml : template for all pdf header
* footer.xml : template for all pdf footer
* creditmemo.xml : template for creditmemo pdf
* catalog.xml : template for the first product catalog page
* cart.xml : template for cart pdf

## Syntax rules

* {xxx} : used to print a dynmaic value. For example, {name} return product name in the product PDF.
* [xxx] : used to translate a label : for example, [invoice] will be converted to "facture" if website is in french

To customize template items, you can use these markups :

|  |  |  |
| --- | --- | --- |
| **Markup** | **Example** | **Description** |
| Position | <position left="20" top="0" mode="relative" /> | Configure item position. Mode can be "relative" or "absolute". Using absolute mode, top and left are the shift from the current position in PDF. Using "absolute" mode, top and left set item position from the top left corner (in pixels) |
| Size | <size width="10" height="100" /> | Item width and height |
| Font | <font face="Helvetica" size="10" align="left" /> | Text font, size and alignment. (Alignment cant be used for multitext items). You can use zend framework fonts : Courier, Courier-Bold, Courier-Oblique, Courier-BoldOblique, Helvetica, Helvetica-Bold, Helvetica-Oblique, Helvetica-BoldOblique, Symbol, Times-Roman, Times-Bold, Times-Italic, Times-BoldItalic, ZapfDingbats |

## Template items

You can use items in templates to draw picture, rectangle, text... Here are the different available items :

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Description** | **Attributes** | **Sub items** |
| rectangle | Draw a recange | border : border size bordercolor : border color bgcolor : background color | zindex, position, size |
| text | Draw text (single line) | value : text to draw | zindex, position, size, font |
| img | Insert a picture | src : picture server path mode : draw mode : Zoom keep product proportion, use shrink to fit picture to area | zindex, position, size |
| if | Draw items if condition is true | condition : condition to test (you can use {values} operator : comparison type : use "neq" for different, "eq" for equal value : value to compare to condition | All items |
| method | Call a PDF function | name : method to call : increment\_y, increment\_x, set\_x, set\_y, set\_store, set\_footer\_height value : method parameter | none |
| Multitext | Draw multi line text | value : text to print increment\_y : if 1, the system will increase y value using text height max\_lines : max lines to draw | zindex, position, size, font |
| Repeater | Used to loop on collection (for example, used to print order items) | source : collection to use max\_occurences : max time to loop | All items |

## Additional advices

* Never edit default template, always create a custom theme
* Look at existing template, edit them (in your custom theme) to understand behaviour
* To easily set items position and size, use system > configuration > global pdf > debug mode

## Usable codes

Codes are dynamic values using {} to print a value from the current object (product, invoice, cart ...)

### General

|  |  |
| --- | --- |
| current\_store\_id | Current store id |
| store\_address | Store address (set in system > configuration > global pdf) |
| legal\_information | Legal information (set in system > configuration > global pdf) |
| logo | Logo path (set in system > configuration > global pdf) |
| globalpdf\_image\_directory | Current theme image directory |
| catalog\_image\_directory | Magento product image directory |
| store\_currency | Currency for current store |

### Product

entity\_id, entity\_type\_id, attribute\_set\_id, type\_id, sku, has\_options, required\_options, created\_at, updated\_at, exclude\_from\_supply\_needs, external\_logistic\_run\_id, sent\_to\_logistic\_company, name, meta\_title, meta\_description, image, small\_image, thumbnail, url\_key, url\_path, custom\_design, page\_layout, options\_container, image\_label, small\_image\_label, thumbnail\_label, gift\_message\_available, price, special\_price, cost, weight, status, tax\_class\_id, is\_recurring, visibility, enable\_googlecheckout, is\_imported, default\_supply\_delay, allow\_individual\_quote\_request, description, short\_description, meta\_keyword, custom\_layout\_update, special\_from\_date, special\_to\_date, news\_from\_date, news\_to\_date, custom\_design\_from, custom\_design\_to, media\_gallery, tier\_price, tier\_price\_changed, stock\_item, is\_in\_stock, is\_salable, additional\_images, custom\_options, has\_custom\_options, additional\_information, has\_additional\_information, configurable\_attributes, configurations, has\_configurations, bundle\_items, has\_bundle\_items

Note : you can also use any custom product attribute

### Invoice

invoice.entity\_id, invoice.store\_id, invoice.base\_grand\_total, invoice.shipping\_tax\_amount, invoice.tax\_amount, invoice.base\_tax\_amount, invoice.store\_to\_order\_rate, invoice.base\_shipping\_tax\_amount, invoice.base\_discount\_amount, invoice.base\_to\_order\_rate, invoice.grand\_total, invoice.shipping\_amount, invoice.subtotal\_incl\_tax, invoice.base\_subtotal\_incl\_tax, invoice.store\_to\_base\_rate, invoice.base\_shipping\_amount, invoice.total\_qty, invoice.base\_to\_global\_rate, invoice.subtotal, invoice.base\_subtotal, invoice.discount\_amount, invoice.billing\_address\_id, invoice.is\_used\_for\_refund, invoice.order\_id, invoice.email\_sent, invoice.can\_void\_flag, invoice.state, invoice.shipping\_address\_id, invoice.cybersource\_token, invoice.store\_currency\_code, invoice.transaction\_id, invoice.order\_currency\_code, invoice.base\_currency\_code, invoice.global\_currency\_code, invoice.increment\_id, invoice.created\_at, invoice.updated\_at, invoice.hidden\_tax\_amount, invoice.base\_hidden\_tax\_amount, invoice.shipping\_hidden\_tax\_amount, invoice.base\_shipping\_hidden\_tax\_amount, invoice.shipping\_incl\_tax, invoice.base\_shipping\_incl\_tax, order.entity\_id, order.state, order.status, order.coupon\_code, order.protect\_code, order.shipping\_description, order.is\_virtual, order.store\_id, order.customer\_id, order.base\_discount\_amount, order.base\_discount\_canceled, order.base\_discount\_invoiced, order.base\_discount\_refunded, order.base\_grand\_total, order.base\_shipping\_amount, order.base\_shipping\_canceled, order.base\_shipping\_invoiced, order.base\_shipping\_refunded, order.base\_shipping\_tax\_amount, order.base\_shipping\_tax\_refunded, order.base\_subtotal, order.base\_subtotal\_canceled, order.base\_subtotal\_invoiced, order.base\_subtotal\_refunded, order.base\_tax\_amount, order.base\_tax\_canceled, order.base\_tax\_invoiced, order.base\_tax\_refunded, order.base\_to\_global\_rate, order.base\_to\_order\_rate, order.base\_total\_canceled, order.base\_total\_invoiced, order.base\_total\_invoiced\_cost, order.base\_total\_offline\_refunded, order.base\_total\_online\_refunded, order.base\_total\_paid, order.base\_total\_qty\_ordered, order.base\_total\_refunded, order.discount\_amount, order.discount\_canceled, order.discount\_invoiced, order.discount\_refunded, order.grand\_total, order.shipping\_amount, order.shipping\_canceled, order.shipping\_invoiced, order.shipping\_refunded, order.shipping\_tax\_amount, order.shipping\_tax\_refunded, order.store\_to\_base\_rate, order.store\_to\_order\_rate, order.subtotal, order.subtotal\_canceled, order.subtotal\_invoiced, order.subtotal\_refunded, order.tax\_amount, order.tax\_canceled, order.tax\_invoiced, order.tax\_refunded, order.total\_canceled, order.total\_invoiced, order.total\_offline\_refunded, order.total\_online\_refunded, order.total\_paid, order.total\_qty\_ordered, order.total\_refunded, order.can\_ship\_partially, order.can\_ship\_partially\_item, order.customer\_is\_guest, order.customer\_note\_notify, order.billing\_address\_id, order.customer\_group\_id, order.edit\_increment, order.email\_sent, order.forced\_do\_shipment\_with\_invoice, order.gift\_message\_id, order.payment\_authorization\_expiration, order.paypal\_ipn\_customer\_notified, order.quote\_address\_id, order.quote\_id, order.shipping\_address\_id, order.adjustment\_negative, order.adjustment\_positive, order.base\_adjustment\_negative, order.base\_adjustment\_positive, order.base\_shipping\_discount\_amount, order.base\_subtotal\_incl\_tax, order.base\_total\_due, order.payment\_authorization\_amount, order.shipping\_discount\_amount, order.subtotal\_incl\_tax, order.total\_due, order.weight, order.customer\_dob, order.increment\_id, order.applied\_rule\_ids, order.base\_currency\_code, order.customer\_email, order.customer\_firstname, order.customer\_lastname, order.customer\_middlename, order.customer\_prefix, order.customer\_suffix, order.customer\_taxvat, order.discount\_description, order.ext\_customer\_id, order.ext\_order\_id, order.global\_currency\_code, order.hold\_before\_state, order.hold\_before\_status, order.order\_currency\_code, order.original\_increment\_id, order.relation\_child\_id, order.relation\_child\_real\_id, order.relation\_parent\_id, order.relation\_parent\_real\_id, order.remote\_ip, order.shipping\_method, order.store\_currency\_code, order.store\_name, order.x\_forwarded\_for, order.customer\_note, order.created\_at, order.updated\_at, order.total\_item\_count, order.customer\_gender, order.hidden\_tax\_amount, order.base\_hidden\_tax\_amount, order.shipping\_hidden\_tax\_amount, order.base\_shipping\_hidden\_tax\_amount, order.hidden\_tax\_invoiced, order.base\_hidden\_tax\_invoiced, order.hidden\_tax\_refunded, order.base\_hidden\_tax\_refunded, order.shipping\_incl\_tax, order.base\_shipping\_incl\_tax, order.stocks\_updated, order.fullstock\_date, order.estimated\_shipping\_date, order.payment\_validated, order.is\_valid, order.anounced\_date, order.anounced\_date\_max, order.external\_logistic\_run\_id, order.sent\_to\_logistic\_company, order.logistic\_status, order.billing\_address, order.shipping\_address, order.payment\_method, invoice.items, invoice.history

### Creditmemo

creditmemo.entity\_id, creditmemo.store\_id, creditmemo.adjustment\_positive, creditmemo.base\_shipping\_tax\_amount, creditmemo.store\_to\_order\_rate, creditmemo.base\_discount\_amount, creditmemo.base\_to\_order\_rate, creditmemo.grand\_total, creditmemo.base\_adjustment\_negative, creditmemo.base\_subtotal\_incl\_tax, creditmemo.shipping\_amount, creditmemo.subtotal\_incl\_tax, creditmemo.adjustment\_negative, creditmemo.base\_shipping\_amount, creditmemo.store\_to\_base\_rate, creditmemo.base\_to\_global\_rate, creditmemo.base\_adjustment, creditmemo.base\_subtotal, creditmemo.discount\_amount, creditmemo.subtotal, creditmemo.adjustment, creditmemo.base\_grand\_total, creditmemo.base\_adjustment\_positive, creditmemo.base\_tax\_amount, creditmemo.shipping\_tax\_amount, creditmemo.tax\_amount, creditmemo.order\_id, creditmemo.email\_sent, creditmemo.creditmemo\_status, creditmemo.state, creditmemo.shipping\_address\_id, creditmemo.billing\_address\_id, creditmemo.invoice\_id, creditmemo.cybersource\_token, creditmemo.store\_currency\_code, creditmemo.order\_currency\_code, creditmemo.base\_currency\_code, creditmemo.global\_currency\_code, creditmemo.transaction\_id, creditmemo.increment\_id, creditmemo.created\_at, creditmemo.updated\_at, creditmemo.hidden\_tax\_amount, creditmemo.base\_hidden\_tax\_amount, creditmemo.shipping\_hidden\_tax\_amount, creditmemo.base\_shipping\_hidden\_tax\_amount, creditmemo.shipping\_incl\_tax, creditmemo.base\_shipping\_incl\_tax, order.entity\_id, order.state, order.status, order.coupon\_code, order.protect\_code, order.shipping\_description, order.is\_virtual, order.store\_id, order.customer\_id, order.base\_discount\_amount, order.base\_discount\_canceled, order.base\_discount\_invoiced, order.base\_discount\_refunded, order.base\_grand\_total, order.base\_shipping\_amount, order.base\_shipping\_canceled, order.base\_shipping\_invoiced, order.base\_shipping\_refunded, order.base\_shipping\_tax\_amount, order.base\_shipping\_tax\_refunded, order.base\_subtotal, order.base\_subtotal\_canceled, order.base\_subtotal\_invoiced, order.base\_subtotal\_refunded, order.base\_tax\_amount, order.base\_tax\_canceled, order.base\_tax\_invoiced, order.base\_tax\_refunded, order.base\_to\_global\_rate, order.base\_to\_order\_rate, order.base\_total\_canceled, order.base\_total\_invoiced, order.base\_total\_invoiced\_cost, order.base\_total\_offline\_refunded, order.base\_total\_online\_refunded, order.base\_total\_paid, order.base\_total\_qty\_ordered, order.base\_total\_refunded, order.discount\_amount, order.discount\_canceled, order.discount\_invoiced, order.discount\_refunded, order.grand\_total, order.shipping\_amount, order.shipping\_canceled, order.shipping\_invoiced, order.shipping\_refunded, order.shipping\_tax\_amount, order.shipping\_tax\_refunded, order.store\_to\_base\_rate, order.store\_to\_order\_rate, order.subtotal, order.subtotal\_canceled, order.subtotal\_invoiced, order.subtotal\_refunded, order.tax\_amount, order.tax\_canceled, order.tax\_invoiced, order.tax\_refunded, order.total\_canceled, order.total\_invoiced, order.total\_offline\_refunded, order.total\_online\_refunded, order.total\_paid, order.total\_qty\_ordered, order.total\_refunded, order.can\_ship\_partially, order.can\_ship\_partially\_item, order.customer\_is\_guest, order.customer\_note\_notify, order.billing\_address\_id, order.customer\_group\_id, order.edit\_increment, order.email\_sent, order.forced\_do\_shipment\_with\_invoice, order.gift\_message\_id, order.payment\_authorization\_expiration, order.paypal\_ipn\_customer\_notified, order.quote\_address\_id, order.quote\_id, order.shipping\_address\_id, order.adjustment\_negative, order.adjustment\_positive, order.base\_adjustment\_negative, order.base\_adjustment\_positive, order.base\_shipping\_discount\_amount, order.base\_subtotal\_incl\_tax, order.base\_total\_due, order.payment\_authorization\_amount, order.shipping\_discount\_amount, order.subtotal\_incl\_tax, order.total\_due, order.weight, order.customer\_dob, order.increment\_id, order.applied\_rule\_ids, order.base\_currency\_code, order.customer\_email, order.customer\_firstname, order.customer\_lastname, order.customer\_middlename, order.customer\_prefix, order.customer\_suffix, order.customer\_taxvat, order.discount\_description, order.ext\_customer\_id, order.ext\_order\_id, order.global\_currency\_code, order.hold\_before\_state, order.hold\_before\_status, order.order\_currency\_code, order.original\_increment\_id, order.relation\_child\_id, order.relation\_child\_real\_id, order.relation\_parent\_id, order.relation\_parent\_real\_id, order.remote\_ip, order.shipping\_method, order.store\_currency\_code, order.store\_name, order.x\_forwarded\_for, order.customer\_note, order.created\_at, order.updated\_at, order.total\_item\_count, order.customer\_gender, order.hidden\_tax\_amount, order.base\_hidden\_tax\_amount, order.shipping\_hidden\_tax\_amount, order.base\_shipping\_hidden\_tax\_amount, order.hidden\_tax\_invoiced, order.base\_hidden\_tax\_invoiced, order.hidden\_tax\_refunded, order.base\_hidden\_tax\_refunded, order.shipping\_incl\_tax, order.base\_shipping\_incl\_tax, order.stocks\_updated, order.fullstock\_date, order.estimated\_shipping\_date, order.payment\_validated, order.is\_valid, order.anounced\_date, order.anounced\_date\_max, order.external\_logistic\_run\_id, order.sent\_to\_logistic\_company, order.logistic\_status, order.billing\_address, order.shipping\_address, order.payment\_method, creditmemo.items, creditmemo.history

### Cart

entity\_id, store\_id, created\_at, updated\_at, converted\_at, is\_active, is\_virtual, is\_multi\_shipping, items\_count, items\_qty, orig\_order\_id, store\_to\_base\_rate, store\_to\_quote\_rate, base\_currency\_code, store\_currency\_code, quote\_currency\_code, grand\_total, base\_grand\_total, checkout\_method, customer\_id, customer\_tax\_class\_id, customer\_group\_id, customer\_email, customer\_prefix, customer\_firstname, customer\_middlename, customer\_lastname, customer\_suffix, customer\_dob, customer\_note, customer\_note\_notify, customer\_is\_guest, remote\_ip, applied\_rule\_ids, reserved\_order\_id, password\_hash, coupon\_code, global\_currency\_code, base\_to\_global\_rate, base\_to\_quote\_rate, customer\_taxvat, customer\_gender, subtotal, base\_subtotal, subtotal\_with\_discount, base\_subtotal\_with\_discount, is\_changed, trigger\_recollect, ext\_shipping\_info, gift\_message\_id, anounced\_date, anounced\_date\_max, x\_forwarded\_for, items, shipping\_amount, shipping\_description, tax\_amount

### Order

entity\_id, state, status, coupon\_code, protect\_code, shipping\_description, is\_virtual, store\_id, customer\_id, base\_discount\_amount, base\_discount\_canceled, base\_discount\_invoiced, base\_discount\_refunded, base\_grand\_total, base\_shipping\_amount, base\_shipping\_canceled, base\_shipping\_invoiced, base\_shipping\_refunded, base\_shipping\_tax\_amount, base\_shipping\_tax\_refunded, base\_subtotal, base\_subtotal\_canceled, base\_subtotal\_invoiced, base\_subtotal\_refunded, base\_tax\_amount, base\_tax\_canceled, base\_tax\_invoiced, base\_tax\_refunded, base\_to\_global\_rate, base\_to\_order\_rate, base\_total\_canceled, base\_total\_invoiced, base\_total\_invoiced\_cost, base\_total\_offline\_refunded, base\_total\_online\_refunded, base\_total\_paid, base\_total\_qty\_ordered, base\_total\_refunded, discount\_amount, discount\_canceled, discount\_invoiced, discount\_refunded, grand\_total, shipping\_amount, shipping\_canceled, shipping\_invoiced, shipping\_refunded, shipping\_tax\_amount, shipping\_tax\_refunded, store\_to\_base\_rate, store\_to\_order\_rate, subtotal, subtotal\_canceled, subtotal\_invoiced, subtotal\_refunded, tax\_amount, tax\_canceled, tax\_invoiced, tax\_refunded, total\_canceled, total\_invoiced, total\_offline\_refunded, total\_online\_refunded, total\_paid, total\_qty\_ordered, total\_refunded, can\_ship\_partially, can\_ship\_partially\_item, customer\_is\_guest, customer\_note\_notify, billing\_address\_id, customer\_group\_id, edit\_increment, email\_sent, forced\_do\_shipment\_with\_invoice, gift\_message\_id, payment\_authorization\_expiration, paypal\_ipn\_customer\_notified, quote\_address\_id, quote\_id, shipping\_address\_id, adjustment\_negative, adjustment\_positive, base\_adjustment\_negative, base\_adjustment\_positive, base\_shipping\_discount\_amount, base\_subtotal\_incl\_tax, base\_total\_due, payment\_authorization\_amount, shipping\_discount\_amount, subtotal\_incl\_tax, total\_due, weight, customer\_dob, increment\_id, applied\_rule\_ids, base\_currency\_code, customer\_email, customer\_firstname, customer\_lastname, customer\_middlename, customer\_prefix, customer\_suffix, customer\_taxvat, discount\_description, ext\_customer\_id, ext\_order\_id, global\_currency\_code, hold\_before\_state, hold\_before\_status, order\_currency\_code, original\_increment\_id, relation\_child\_id, relation\_child\_real\_id, relation\_parent\_id, relation\_parent\_real\_id, remote\_ip, shipping\_method, store\_currency\_code, store\_name, x\_forwarded\_for, customer\_note, created\_at, updated\_at, total\_item\_count, customer\_gender, hidden\_tax\_amount, base\_hidden\_tax\_amount, shipping\_hidden\_tax\_amount, base\_shipping\_hidden\_tax\_amount, hidden\_tax\_invoiced, base\_hidden\_tax\_invoiced, hidden\_tax\_refunded, base\_hidden\_tax\_refunded, shipping\_incl\_tax, base\_shipping\_incl\_tax, stocks\_updated, fullstock\_date, estimated\_shipping\_date, payment\_validated, is\_valid, anounced\_date, anounced\_date\_max, external\_logistic\_run\_id, sent\_to\_logistic\_company, logistic\_status, billing\_address, shipping\_address, payment\_method, items

### Order / invoice / creditmemo items

item\_id, order\_id, parent\_item\_id, quote\_item\_id, store\_id, created\_at, updated\_at, product\_id, product\_type, product\_options, weight, is\_virtual, sku, name, description, applied\_rule\_ids, additional\_data, free\_shipping, is\_qty\_decimal, no\_discount, qty\_backordered, qty\_canceled, qty\_invoiced, qty\_ordered, qty\_refunded, qty\_shipped, base\_cost, price, base\_price, original\_price, base\_original\_price, tax\_percent, tax\_amount, base\_tax\_amount, tax\_invoiced, base\_tax\_invoiced, discount\_percent, discount\_amount, base\_discount\_amount, discount\_invoiced, base\_discount\_invoiced, amount\_refunded, base\_amount\_refunded, row\_total, base\_row\_total, row\_invoiced, base\_row\_invoiced, row\_weight, gift\_message\_id, gift\_message\_available, base\_tax\_before\_discount, tax\_before\_discount, ext\_order\_item\_id, weee\_tax\_applied, weee\_tax\_applied\_amount, weee\_tax\_applied\_row\_amount, base\_weee\_tax\_applied\_amount, base\_weee\_tax\_applied\_row\_amount, weee\_tax\_disposition, weee\_tax\_row\_disposition, base\_weee\_tax\_disposition, base\_weee\_tax\_row\_disposition, locked\_do\_invoice, locked\_do\_ship, price\_incl\_tax, base\_price\_incl\_tax, row\_total\_incl\_tax, base\_row\_total\_incl\_tax, hidden\_tax\_amount, base\_hidden\_tax\_amount, hidden\_tax\_invoiced, base\_hidden\_tax\_invoiced, hidden\_tax\_refunded, base\_hidden\_tax\_refunded, is\_nominal, tax\_canceled, hidden\_tax\_canceled, tax\_refunded, comments, reserved\_qty, purchase\_order\_id, logistic\_status