

# User manual



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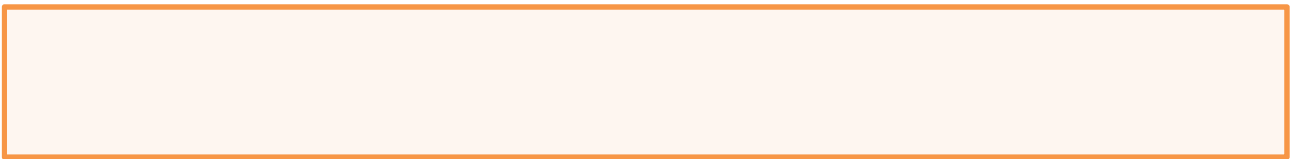
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## Intro

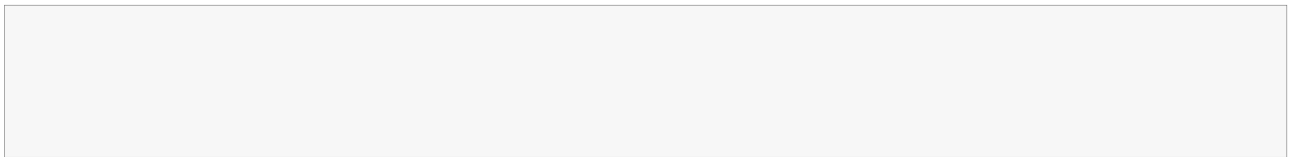
The HTML2PDF module from ext4mage.com will help you make Magento PDF print's with ease. It is now possible to make Magento PDF's with a WYSIWYG editor, as you know it from the CMS pages of Magento. It also brings you the possibility to setup different PDF's for you stores and languages. Still with a maximum of reuse.

This document is a guide to teach you how to use the HTML2PDF module. For installation instructions please see the installation manual. This manual is designed to explain every step of the module, and give an understanding of the different elements and fields used in HTML2PDF module.

Throughout the manual you will see two types of boxes.



This type of box will have some tips & tricks to the current subject. Read them, because they will contain information that will save you many hours.



In these grey boxes code examples and formatting are written.

## Overview

HTML2PDF has different element, which can be combined to create a complete template for a PDF print. Within these elements you can use different types of variables related to the type of print and element. The way HTML2PDF is made will make reuse very simple.

## Element description

Following main elements exist in HTML2PDF:

### Template:

This is the head element. In your template you setup all general settings, and also the other elements that shall be combined into the final PDF.

### Text:

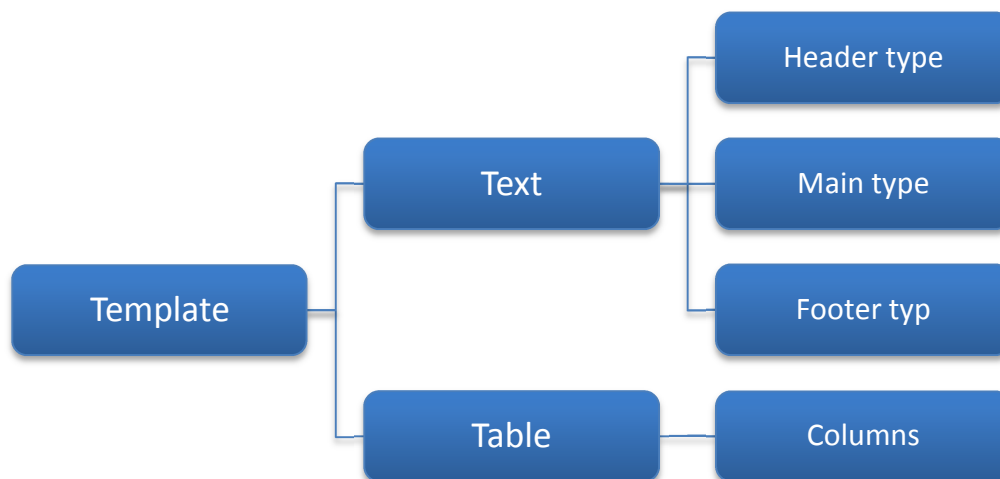
Here all text elements are held, that being header, footer and main text for all types of PDF prints. The different text elements can be used in various templates, meaning that you can have a single header and footer that can be reused in all templates. All text written in this element can contain html format, read more about this in text setup section.

### Table:

Building the product table is done in this element. It has information about the table, such as style, width, layout and so forth. Within this element you define multiple columns with information about column header text, value, style and so forth. This table can also be reused in different templates.

## Elements relationship

The illustration below describes the internal relationship, from the template point of view:



## System options

Set up the general options, and give information to make the help section and preview function work.

Current Configuration Scope:  
 ▼ ⓘ  
[Manage Stores](#)

**Configuration**

- ▶ GENERAL
  - General
  - Web
  - Design
  - Currency Setup
  - Store Email Addresses
  - Contacts
  - Reports
  - Content Management
- ▶ CATALOG
  - Catalog
  - Inventory
  - Google Sitemap
  - RSS Feeds
  - Email to a Friend
- ▶ EXT4MAGE
  - Html2Pdf
  - Orders2csvpro
- ▶ CUSTOMERS
  - Newsletter
  - Customer Configuration
  - Wishlist
  - Promotions
  - Persistent Shopping Cart

### Html2Pdf

**General Settings**

Is modul active	<input type="text" value="Yes"/>	[STORE VIEW]
Show on customer My Account	<input type="text" value="Yes"/>	[STORE VIEW]
	<small>▲ If enabled customers will see html2pdf generated pdfs when clicking print order, invoice, shipping and credit memo on there My Account-&gt;My Orders</small>	
Is in development mode	<input type="text" value="No"/>	[STORE VIEW]
License code	<input type="text" value="demo"/>	[STORE VIEW]
Save/refresh order PDF's	<input type="text" value="Refresh PDF when template changes"/>	[STORE VIEW]
	<small>▲ When or if the order PDF file shall be saved</small>	
Save/refresh invoice PDF's	<input type="text" value="Refresh PDF when template changes"/>	[STORE VIEW]
	<small>▲ When or if the invoice PDF file shall be saved</small>	
Save/refresh shipping PDF's	<input type="text" value="Refresh PDF when template changes"/>	[STORE VIEW]
	<small>▲ When or if the shipping PDF file shall be saved</small>	
Save/refresh creditmemo PDF's	<input type="text" value="Refresh PDF when template changes"/>	[STORE VIEW]
	<small>▲ When or if the creditmemo PDF file shall be saved</small>	
Order id for preview	<input type="text" value="100000003"/>	[STORE VIEW]
	<small>▲ Please suply an order id that can be used for preview function and help pages</small>	
Product in order for help	<input type="text" value="163"/>	[STORE VIEW]
	<small>▲ Please suply an product id that can be used for help pages (product must exist in above order)</small>	
Bundle product in order for help	<input type="text" value="163"/>	[STORE VIEW]
	<small>▲ Please suply an bundle product id that can be used for help pages (product must exist in above order)</small>	
Invoice number for preview	<input type="text" value="100000002"/>	[STORE VIEW]
	<small>▲ Please suply an invoice number that can be used for preview function and help pages</small>	
Product in invoice for help page	<input type="text" value="53"/>	[STORE VIEW]
	<small>▲ Please suply an product number that can be used for</small>	

### Field description:

- *Is module active* – whether or not the HTML2PDF module shall be used, when in No, the default Magento PDF's will be used, but the preview function will still work
- *Show on customer My Account* – weather or not the PDF's shall be visible to the customers
- *Is in development mode* –to test you PDF's, see more in *Development mode* section of this manual
- *License code* – the code you are given from ext4mage when buying this module
- *Save/refresh PDF's* – If and when PDF's shall be saved
- *Order id for preview* – used in help and preview function of the module
- *Product in order for help* – used in help screen, the specified product id must be contained in the above specified order

- *Bundle product in order for help* - used in help screen, the specified product id must be contained in the above specified order
- *Creditmemo number for preview* – used in help and preview function, because of Magento “feature / error” this has to be the real id and not the incremental\_id. In this case the number is not 100000001 but just 1, you can see this number in the address line when you view the Creditmemo in standard Magento.

Using the save function will make a big performance improvement – all generated PDF’s can be found in the folder media/html2pdf. Save function will NOT work for Magento version 1.4.2

### System options – Sales emails

If you want to make use of the function to attach the PDF and Terms and Conditions to the different email, you go into *Sales->Sales Emails*

The screenshot shows the 'Sales Emails' configuration page in Magento. On the left is a navigation menu with 'GENERAL' selected. The main area is titled 'Sales Emails' and contains the following settings:

- Order** (Section Header)
- Enabled**: Yes [STORE VIEW]
- New Order Confirmation Email Sender**: Sales Representative [STORE VIEW]
- New Order Confirmation Template**: New Order (Default Template from Locale) [STORE VIEW]
- New Order Confirmation Template for Guest**: New Order for Guest (Default Template from Lo... [STORE VIEW]
- Send Order Email Copy To**: [STORE VIEW] (with a note: Comma-separated.)
- Send Order Email Copy Method**: Bcc [STORE VIEW]
- Attach HTML2PDF Order PDF to mail**: Yes [STORE VIEW]
- Attach Terms and Conditions as html/txt file**: Yes [STORE VIEW]

Below the 'Order' section are three more sections: 'Order Comments', 'Invoice', and 'Invoice Comments', each with a dropdown menu.

Field description (is available for each email type):

- *Attach HTML2PDF Order PDF to mail* – should the order/invoice/shipment/creditmemo PDF be sent with the sales email
- *Attach Terms and Conditions as html/txt file* – attach the Terms and Condition to the sales email, works both with HTML and plain text

## Table element setup

In this step you setup a product table. The first screen you will see, is a list of all the tables that exist, you are now able to edit one of them or make a new table from scratch.

If you will make a new from an existing, open the old and change *Title* and click *Save As*

### General – element information

Either way you choose the first screen you will see is the one below; here you setup the general stuff about the table in hand.

Field description:

- *Table style* – general style elements the use in whole table
- *Header style* – style elements that will be added to the header of each column
- *Even product row style* – style elements that will be used in even rows in the table
- *Odd product row style* – style elements that will be used in odd rows in the table

Using cellspacing and borders in you tables can conflict, so if the borders are missing cellspacing could be the sinner. In this case use cellpadding instead.

The row style will be implemented on the <tr> object, so write you style with that in mind

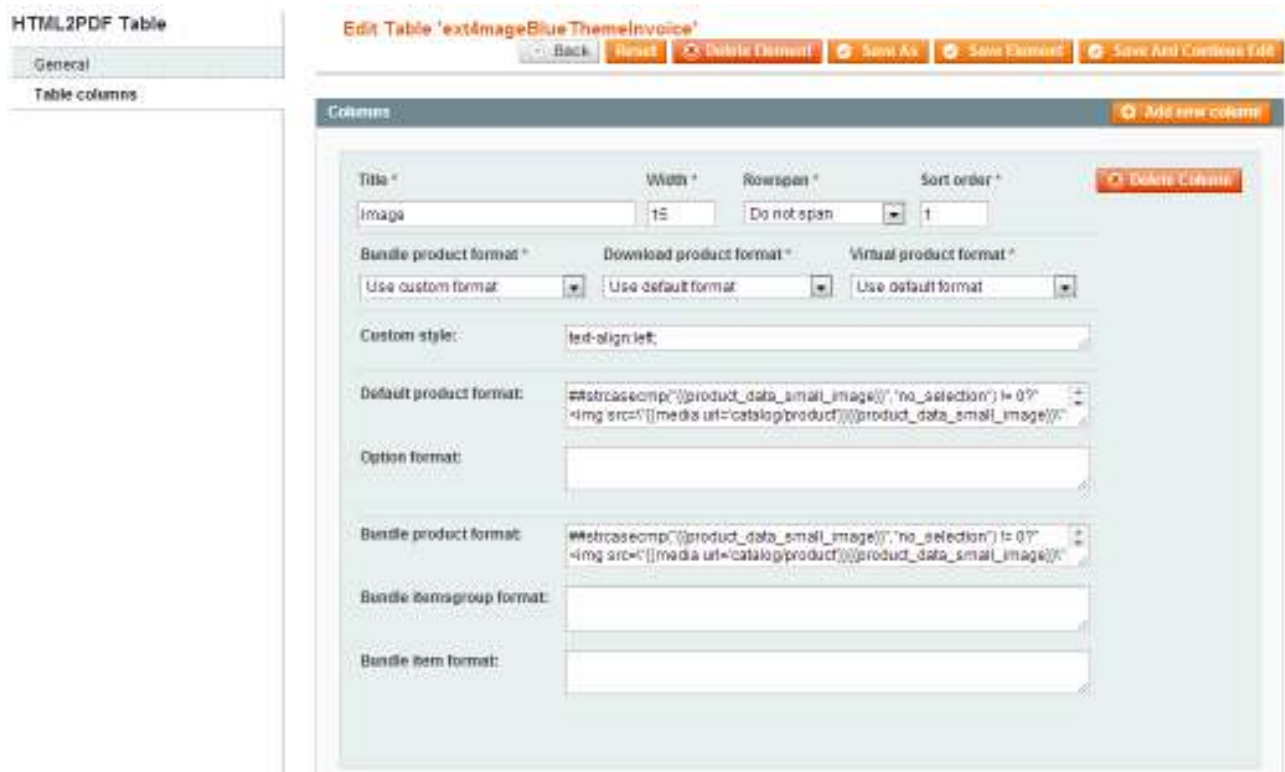
### Table columns

The next thing you want to setup in your table is the different column. There is no limit in the module of how many columns that you can have.

On each column you have to decide how the different product type information shall be shown. The 4 types of product types can be handled like described in this table:

	Default	Bundle	Downloadable	Virtual
Do not show		X	X	X
Use default format			X	X
Use custom format	X	X	X	X

The screen for setting up the column is as below



Field description:

- *Custom style* – general style elements for this column
- *Width* – the width of the column in percent
- *Rowspan* – If the column shall stretch over multiple rows, be aware that it can overflow below table rows as well, so test before using in production
- *Sort order* – in which order this column shall be shown, from left to right
- *XX product format* – how to show the product type, see the table above
- *Product format* – the content of the column for the product, html code can be used.
- *Option format* – if product has options this is the content for options, html code can be used
- *Bundle itemsgroup format* – bundle product have groups of item, this field set how that should be shown, html code can be used
- *Bundle item format* – the content to be shown with each product item in the bundle group, html code can be used.

## Text element setup

Under the text element you setup the text that you need in your final PDF. It comes in 4 types:

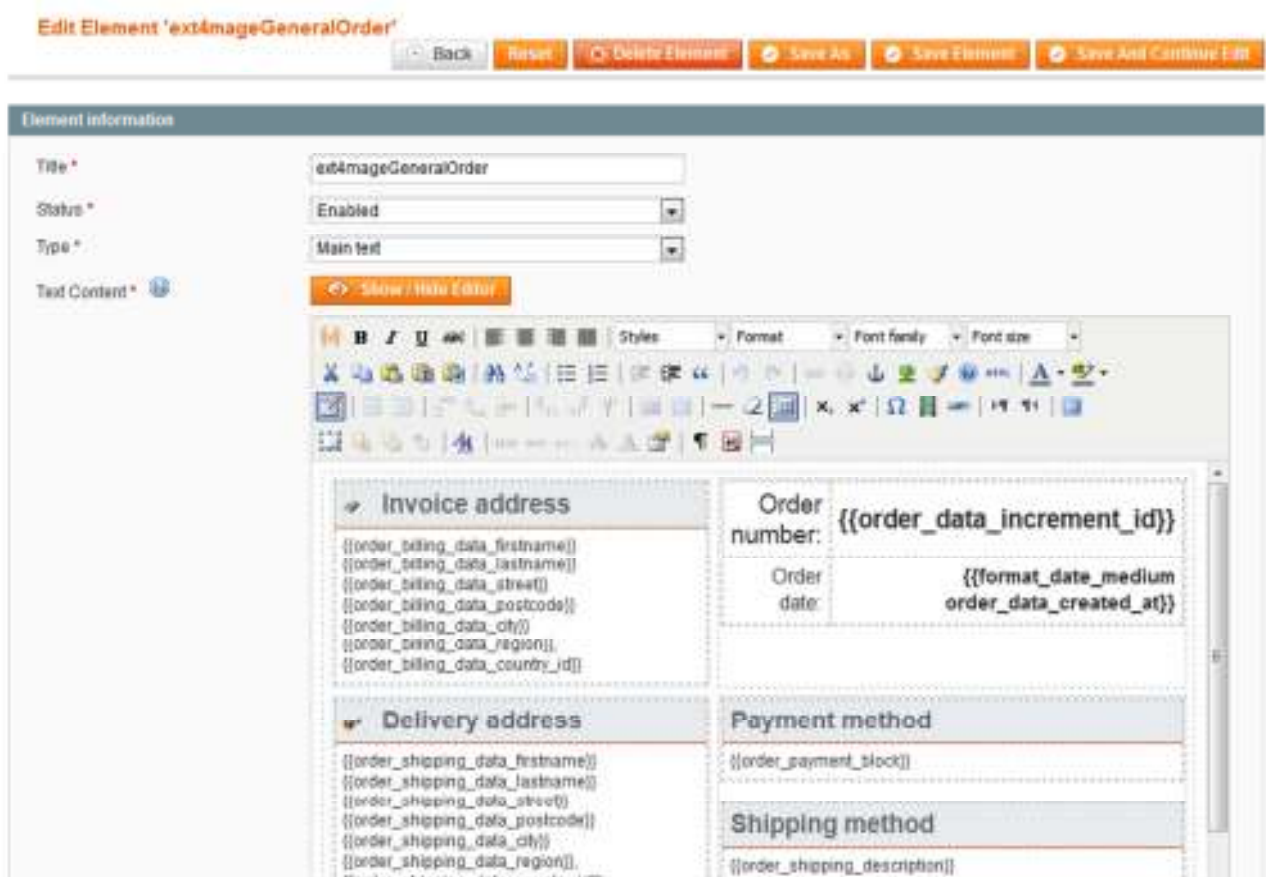
- Header – the top of each PDF page
- Footer – the bottom of each PDF page
- Main – the general text for the PDF, this is where all you main text should go
- Cross sell – this is the text for the cross sell element in the pdf's

All text elements can be used in many different templates, for example can you use the same header in all types of template for all stores types. The input field for the content is a WYSIWYG editor, like the one you know from Magento CMS, and that makes the editing of the content very easy even if you do not HTML or PHP.

You can make a page-break by using the inbuilt editor function – translate into `<!--pagebreak-->`

Remember to include the product table variable, to tell the system where in you main text your product table should be inserted. And also include the cross\_sell variable if you want to show cross sell element.

<code>{:png:}</code>	Current page number
<code>{:ptg:}</code>	Total page number





Field description:

- *Type* – select the type of text this is, option are header, footer and main
- *Text content* – the field to type in the content. See more about using variables and formatting in the sections *Using variables* and *Using formatting*

Design your PDF with tables and not div or anything like that. The PDF generator works best with table layouts, so build like that to avoid problems. Also inline style with padding and spacing do not always have the wanted effect, so try to avoid using that.

PNG images can be used but can give performance problems – use gif or jpg images instead

### Making Cross-sell text element

You can include a list of cross-sell items into your PDF. The list of products is based upon the items in the order, so the products have to have cross-sell items for anything to show. The cross-sell element is build up in paragraphs, so each section will only be shown if there is a product there.

For each product that you want to show, you will have to start with the tag `{{cross_x_start}}` (replace the x with product number) and end with the tag `{{cross_x_end}}`. This way the extension will only show everything in between the two tags if there is a product.

#### HTML2PDF Text

Text content

Edit 'ext4mageBlueThemeCrossSell'
Back
Reset
Delete Element
Save As
Save Element
Save And Continue Edit

Element information

Enabled

Cross sell

Show / Hide Editor

B
I
U
ABC

Styles
Format
Font family
Font size

We hope you will come back soon - here are some products that may intrresset you.

<pre> {{cross_0_start}} {{cross_data_name}} {{format_price_txt cross_data_price}} ##strcasecmp( {{cross_data_small_image}}". "no_selection") != 0?"&lt;img src="{{media url=catalog/product}} {{cross_data_small_image}}" height="\150px" /&gt;" ## {{cross_data_short_description}} {{cross_0_end}}</pre>	<pre> {{cross_1_start}} {{cross_data_name}} {{format_price_txt cross_data_price}} ##strcasecmp( {{cross_data_small_image}}". "no_selection") != 0?"&lt;img src="{{media url=catalog/product}} {{cross_data_small_image}}" height="\150px" /&gt;" ## {{cross_data_short_description}} {{cross_1_end}}</pre>	<pre> {{cross_2_start}} {{cross_data_name}} {{format_price_txt cross_data_price}} ##strcasecmp( {{cross_data_small_image}}". "no_selection") != 0?"&lt;img src="{{media url=catalog/product}} {{cross_data_small_image}}" height="\150px" /&gt;" ## {{cross_data_short_description}} {{cross_2_end}}</pre>	<pre> {{cross_ }} {{cross_ }} {{forma cross_d }} # # "no_se</pre>
--	--	--	---

Under ext4mage->help you can see all the variables that can be used in the cross-sell element. In help you will only see the first 4 items in the cross-sell. You can set up in the template how many items should be collect for that specific template.

**Html2Pdf Help**

- General
- Invoice pdf
- Shipping pdf
- Credit memo pdf
- Product
- Product Bundle
- Cross Sell**
- Customer
- Formatting types

Export to: CSV Export

Object	Key	Example value
Cross Item	cross_0_start	Start of cross sell product 0
Cross Item data	cross_data_entity_id	19
Cross Item data	cross_data_entity_type_id	10
Cross Item data	cross_data_attribute_set_id	38
Cross Item data	cross_data_type_id	simple
Cross Item data	cross_data_sku	8525PDA
Cross Item data	cross_data_created_at	2007-08-23 15:55:29
Cross Item data	cross_data_updated_at	2008-08-08 14:51:11
Cross Item data	cross_data_has_options	0
Cross Item data	cross_data_required_options	0
Cross Item data	cross_data_inventory_in_stock	1
Cross Item data	cross_data_link_id	132
Cross Item data	cross_data_position	
Cross Item data	cross_data_name	AT&T 8525 PDA
Cross Item data	cross_data_url_key	atandt-8525-pda
Cross Item data	cross_data_thumbnail	la00at-8525-pda-1.jpg
Cross Item data	cross_data_small_image	la00at-8525-pda-1.jpg
Cross Item data	cross_data_price	199.9900
Cross Item data	cross_data_status	1
Cross Item data	cross_data_tax_class_id	2
Cross Item data	cross_data_short_description	Under the hood, the 8525 features 128MB of embedded memory and 64MB RAM, running on a 400 MHz Samsung processor. Up front, the 240 x 320 LCD touch-screen supports over 65,000 colors, while the rear of the device houses a 2.0 megapixel camera.
Cross Item data	cross_data_request_path	
Cross Item data	cross_data_stock_item	
Cross Item	cross_0_end	End of cross sell product 0
Cross Item	cross_1_start	Start of cross sell product 1
Cross Item data	cross_data_entity_id	19

## Template setup

This is the master of the HTML2PDF module; here you collect the different elements into the final template used for printing the PDF.

When you press print in the different screen in Magento, then the active template based on type and store is selected. If no templates is present for the PDF type and store the default Magento PDF layout will be chosen. Are there multiple templates which are matching, the template to be chosen random.

First screen you will see when editing a template is the general tap, here you setup main information about the template in hand.

Field description:

- *Type* – select the type of print the template should be applied to, can be Order, Invoice, Shipment and Credit Memo.
- *Store view* – Select the stores that this template shall be active for
- *Number of cross-sell items* – Is the number of cross-sell items that should be collected, still only the ones defined in the cross-sell text element will be shown
- *Active from* – Set an date from which this template should be used, can be empty
- *Active to* – Set a date until which this template should be used, can be empty

In the next tab you select the text and table elements that should be used in this template

HTML2PDF Template setup

- General
- Elements**
- Style

Edit Template 'ext4mageBlueThemeInvoiceAll'

Back Reset Delete Element Save As Save Element Save And Continue Edit

Template elements

Header text *	ext4mageBlueThemeHeader
Main text *	ext4mageBlueThemeInvoice
Footer text *	ext4mageBlueThemeFooter
Product Table *	ext4mageBlueThemeInvoice
Cross sell text	ext4mageBlueThemeCrossSell

The last tab contains information about the general style and setup of the template in hand.

HTML2PDF Template setup

- General
- Elements
- Style**

Edit Template 'ext4mageBlueThemeInvoiceAll'

Back Reset Delete Element Save As Save Element Save And Continue Edit

Style information

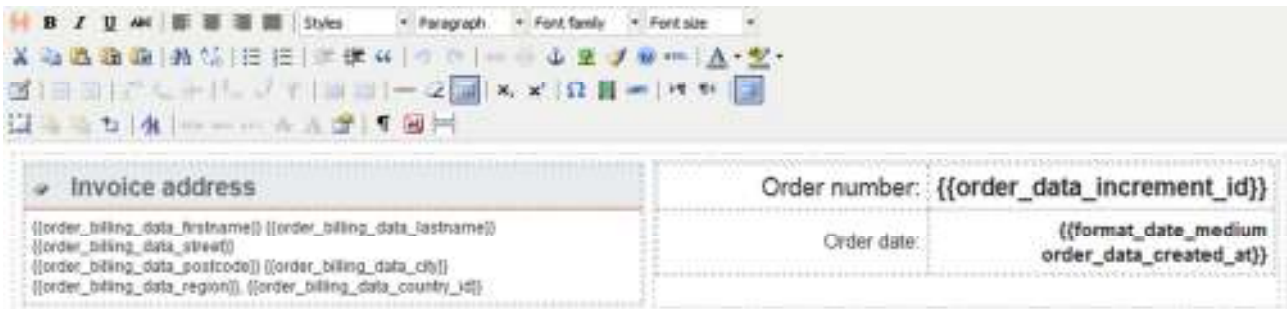
Default font	Helvetica
Default font size in pt	0
Default font color (hex value)	000000
Page top margin in mm	10
Page bottom margin in mm	10
Page left margin in mm	10
Page right margin in mm	10
Default page size	A4 (210x297 mm)
Page orientation	Portrait
Image optimization	Medium quality - Medium compression

It is still possible to set a different font, font-size and color within the single text element. But not all font-types are supported.

## Using variables

There are a lot of variables at your disposal when making a text or table element. All HTML2PDF accessible variables are shown in the help section, but beside these all default Magento variables can also be used. The way that you indicate a variable, is by using the format shown below in code example and screen print.

<code>{{variable_code}}</code>	the format
<code>{{order_data_status}}</code>	example, will print the status of the order



The variables are divided up into the types of PDF that you can create. There are a general section of variables which can be used in all types of PDF's.

Object	Key	Example value
Order data	order_data_entity_id	1
Order data	order_data_state	complete
Order data	order_data_status	complete
Order data	order_data_coupon_code	
Order data	order_data_protect_code	10c8f0
Order data	order_data_shipping_description	Flat Rate - Fixed
Order data	order_data_is_virtual	0
Order data	order_data_store_id	1
Order data	order_data_customer_id	1
Order data	order_data_base_discount_amount	0.0000
Order data	order_data_base_discount_cancelled	
Order data	order_data_base_discount_invoiced	0.0000

And there are variables that can only be used in a specific type. There are groups of variables for invoice, shipment and credit memo, which can only be used for that specific type of PDF.

Object	Key	Example value
Invoice data	invoice_data_entity_id	1
Invoice data	invoice_data_store_id	1
Invoice data	invoice_data_base_grand_total	6733.6900
Invoice data	invoice_data_shipping_tax_amount	0.0000
Invoice data	invoice_data_tax_amount	423.2900
Invoice data	invoice_data_base_tax_amount	423.2600
Invoice data	invoice_data_store_to_order_rate	1.0000
Invoice data	invoice_data_base_shipping_tax_amount	0.0000
Invoice data	invoice_data_base_discount_amount	0.0000
Invoice data	invoice_data_base_to_order_rate	1.0000
Invoice data	invoice_data_grand_total	6733.6900

Some variables are to be used in the product table, which is general for all types of PDF's and all types of product. In the help screens these are under the Product tab.

There are also variables specific for bundle product types, which include variables related to the bundle group and the single items in the bundle.

**Html2Pdf Help**

- General
- Invoice pdf
- Shipping pdf
- Credit memo pdf
- Product
- Product Bundle**
- Cross Sell
- Customer
- Formatting types

Export to: CSV Report

Object	Key	Example value
Item Bundle group data	item_bundle_group_data_price	199.99
Item Bundle group data	item_bundle_group_data_qty	1
Item Bundle group data	item_bundle_group_data_option_label	Case
Item Bundle group data	item_bundle_group_data_option_id	17
Item Bundle data	item_bundle_data_item_id	2
Item Bundle data	item_bundle_data_order_id	1
Item Bundle data	item_bundle_data_parent_item_id	1
Item Bundle data	item_bundle_data_quote_item_id	2
Item Bundle data	item_bundle_data_store_id	1
Item Bundle data	item_bundle_data_created_at	2011-11-07 01:34:31
Item Bundle data	item_bundle_data_updated_at	2011-11-07 01:36:11
Item Bundle data	item_bundle_data_product_id	130
Item Bundle data	item_bundle_data_product_type	simple

When creating a new text or table, and you need to debug. Then setup in System Configuration the specific order, invoice or product id and then see all the available variables in the help pages.

Download the tables with variables to CSV or Excel to sort and search trough. Do this and you can easy find the exact variable you are looking for.

## Using formatting

There are some standard formatting options available in the HTML2PDF module. These formatting can be used on all variables, whether or not they are computed or single. See more about computed variables in section *Using inline coding*.

The last tab in help pages, is a list of all the available formatting options.

Input value	Key	Example value
1245.1248	format_price_3d	\$1,245.12
1245.1248	format_currency	\$1,245.12
1245.1248	format_price	\$1,245.12
1245.1248	format_base_price	\$1,245.12
1245.1248	format_convert_price	1245.1248
2011-11-20 12:15:10	format_date_short	11/20/11
2011-11-20 12:15:10	format_date_medium	Nov 20, 2011
2011-11-20 12:15:10	format_date_long	November 20, 2011
2011-11-20 12:15:10	format_date_full	Sunday, November 20, 2011
2011-11-20 12:15:10	format_time_short	1:15 PM
2011-11-20 12:15:10	format_time_medium	1:15:10 PM
2011-11-20 12:15:10	format_time_long	1:15:10 PM CET
2011-11-20 12:15:10	format_time_full	1:15:10 PM Europe/Berlin
1245.1248	format_integer	1245
1245.1248	format_number_1	1,245.1
1245.1248	format_number_2	1,245.12
1245.1248	format_number_3	1,245.125
1245.1248	format_number_4	1,245.1248

The way you use formatting is like follows for a single variable

<code>{{formatting variable_code}}</code>	the format
<code>{{format_price order_data_subtotal}}</code>	example, will print the subtotal of order with the correct currency formatting

If you have inline code the formatting of that is as follows

<code>##formatting the_code##</code>	the format
<code>## format_price {{order_data_subtotal}}-{{order_data_discount}}##</code>	example, will print the subtotal minus the discount with the correct currency formatting

### Using inline coding

This is where things get very powerful and a bit complex. If you do not know PHP just a bit, then be careful about which code you type in here.

What you can do with HTML2PDF inline code, is everything from simple math stuff to very complex PHP code. I will here give a short taste of what you can do, but there is a lot of other possibilities. The format of inline coding in HTML2PDF is as follows

```
## the_code##           the format
##{order_data_subtotal }-{{order_data_discount}}##  will print the subtotal minus the discount
```

The above example is very simple, here we just take one value and subtracts another.

The below example from the example template delivered with HTML2PDF is more complex. Here we want to show the picture of a product in the product table, for that we need 2 different variables. The first one is Magento build-in media function (also know from Magento CMS) to get the correct path, and then the products image URL. But before we can render the image we have to check if it exists, otherwise the PDF generator will give an error. The way we do that is by checking if the product URL has the text "no\_selection" (found by looking in the help page variables), and if it is not equal that we render the image.

Title *	Width *	Sort order *	Delete Column
Image	10	1	
<b>Bundle product format *</b>	<b>Download product format *</b>	<b>Virtual product format *</b>	
Use custom format	Use default format	Use default format	
<b>Custom style:</b>	text-align:left; border-bottom: 1px solid #d6dde2;		
<b>Default product format:</b>	##strcasecmp("{{product_data_small_image}}", "no_selection") != 0?":"##		

Not all PHP function can be used. Example: *if* expression cannot be used, instead use the conditional operator *?:* - the *eval* function is used in HTML2PDF, you can read more about it on php.net

It can be a bit tricky to get the inline code to work, but setting HTML2PDF in development mode can be very useful when creating and testing inline code

Be sure that you are signed up for ext4mage newsletter, because we will be sending out tips and examples of ways to use inline coding.



## Using QR and Barcodes

Everywhere you can use QR and barcodes with fully custom values. It works the same way as when doing formatting but it has some extra settings when using it. Below is a chart of how the different variables are put together.

The general syntax for both QR and barcodes are as below

<code>{{ format_barcode_* variable_code}}</code>	the format
<code>{{format_barcode_C128_8_40_N_#000000_n order data increment id}}</code>	example, will print the barcode with the with the current order number

If you have inline code the syntax of that is as follows

<code>##format_barcode_* the_code##</code>	the format
<code>##format_barcode_QR_18_18_N "{{order_store_base_url}}sales/order/view/order_id/ {{order_data_entity_id}}/"##</code>	example, will print QR code with a link to view the current order

The syntax as you can see on the above examples includes some settings or options that can be used.

Full syntax - <code>format_barcode_type_height_width_align_color_showtext_fontsize_font</code>	
<b>format_barcode</b>	This shall always be in front
<b>Type</b>	Definition of which type it is, can be either QR or on of the below barcode types
<b>Height</b>	The height in pixels of the element
<b>Width</b>	The width in pixels of the element
<b>Align</b>	How the code should be displayed. Values can be T: top-right for LTR or top-left for RTL, M: middle-right for LTR or middle-left for RTL, B: bottom-right for LTR or bottom-left for RTL, N: next line (default)
<b>Color</b>	Color of the barcode – shall be hex values #000000 = black
<b>Showtext</b>	If variable should be show as text as well. Value can be y or n. (only for barcode)
<b>Fontsize</b>	If show text, what fontsize should be used. Value shall be numric
<b>Font</b>	If show text, what font to use. Available font are the same as for the general templates.

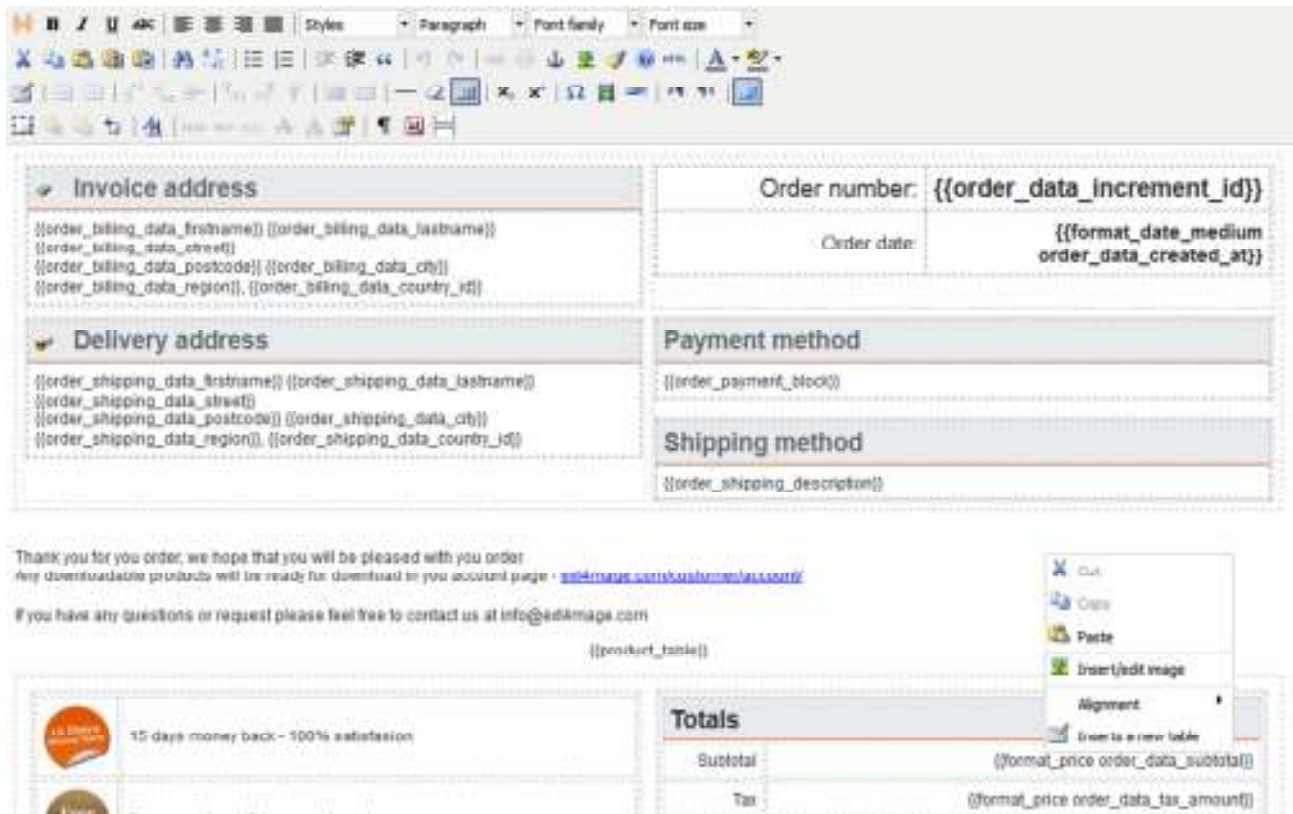
Following different types can be used:

Code	Description
C39	CODE 39 - ANSI MH10.8M-1983 - USD-3 - 3 of 9.
C39+	CODE 39 with checksum
C39E	CODE 39 EXTENDED
C39E+	CODE 39 EXTENDED + CHECKSUM
C93	CODE 93 - USS-93
S25	Standard 2 of 5

S25+	Standard 2 of 5 + CHECKSUM
I25	Interleaved 2 of 5
I25+	Interleaved 2 of 5 + CHECKSUM
C128	CODE 128
C128A	CODE 128 A
C128B	CODE 128 B
C128C	CODE 128 C
EAN2	2-Digits UPC-Based Extention
EAN5	5-Digits UPC-Based Extention
EAN8	EAN 8
EAN13	EAN 13
UPCA	UPC-A
UPCE	UPC-E
MSI	MSI (Variation of Plessey code)
MSI+	MSI + CHECKSUM (modulo 11)
POSTNET	POSTNET
PLANET	PLANET
RMS4CC	RMS4CC (Royal Mail 4-state Customer Code) - CBC (Customer Bar Code)
KIX	KIX (Klant index - Customer index)
IMB	Intelligent Mail Barcode - Onecode - USPS-B-3200
CODABAR	CODABAR
CODE11	CODE 11
PHARMA	PHARMACODE
PHARMA2T	PHARMACODE TWO-TRACKS
QR	QR-code in a medium size

### Example explained

In the HTML2PDF module when just installed is examples of templates. Below is the example for the invoice template's main text, here you can see that both variables and formatting are used. Make notice of the way tables are used in the examples, if you would do the same with div or similar it would not work. Use the templates as inspiration or as the base of you own templates, just use *save as* function so the original is not overwritten.



Notice the way cellspacing and cellpadding is used in the inline tables of the example. Use this way and not style padding or margin elements

Below is the invoice example in a PDF reader, here you can see all the variables change to real values.

**ext4mage**

*Merry Christmas and Happy New Year*

**Invoice address**  
John Doe  
street 104  
90210 la  
California, US

**Invoice number:** 10000002  
**Invoice date:** Nov 7, 2011  
**Order number:** 10000002  
**Order date:** Nov 7, 2011

**Delivery address**  
John Doe  
street 104  
90210 la  
California, US

**Payment method**  
Check / Money order

**Shipping method**  
Flat Rate - Fixed

Thank you for you order, we hope that you will be pleased with you order.  
Any downloadable products will be ready for download in you account page - [ext4mage.com/customer/account/](http://ext4mage.com/customer/account/)

If you have any questions or request please feel free to contact us at [info@ext4mage.com](mailto:info@ext4mage.com)

image	Product	Qty	Price	Tax	Discount	Total price
	<b>My Computer</b>					
	<b>Case</b>					
	NZXT Lexa Silver Aluminim ATX Mid-Tower Case (Default)	1	(\$149.99)	\$12.37	(\$30.00)	\$132.36
	<b>CPU</b>					
	Intel Core 2 Extreme QX9775 3.20GHz Retail	1	(\$1,537.49)	\$126.85	(\$307.50)	\$1,356.84
	<b>Hard Drive</b>					
	Western Digital - 1TB HD - 7200RPM	1	(\$299.25)	\$24.69	(\$59.85)	\$264.09
	<b>Ram</b>					
	Crucial 2GB PC4200 DDR2 533MHz Memory	1	(\$149.99)	\$12.37	(\$29.99)	\$132.37
	<b>Monitor</b>					
	30" Flat-Panel TFT-LCD Cinema HD Monitor	1	(\$524.99)	\$0.00	(\$105.00)	\$419.99
	19" Widescreen Flat-Panel LCD Monitor	1	(\$299.99)	\$0.00	(\$60.00)	\$239.99

## Customer viewing

From version 1.3 it is possible to let the customer download the PDF's from their account, or you can attach it to the different sales emails.

When the customer logs into his account and goes to My Orders and selects an order the below screen will be shown, here invoice tab selected.

MY ACCOUNT

Order #100000003 - Complete [Reorder](#) | [Print Order](#)

About This Order: [Order Information](#) [Invoices](#) [Shipments](#) [Refunds](#)

Order Date: March 20, 2012

**Shipping Address**

Anders Andersen  
Andersen & son  
Andersen road 10  
Anders, California, 1234  
United States  
T: 123456789  
F: 876543123

**Shipping Method**

Flat Rate - Fixed

**Billing Address**

Anders Andersen  
Andersen & son  
Andersen road 10  
Anders, Texas, 1234  
United States  
T: 123456789  
F: 876543123

**Payment Method**

Check / Money order

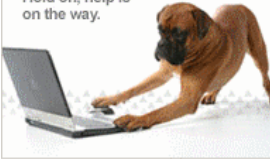
[Print All Invoices](#)

Invoice #100000001 | [Print Invoice](#)

Items Invoiced

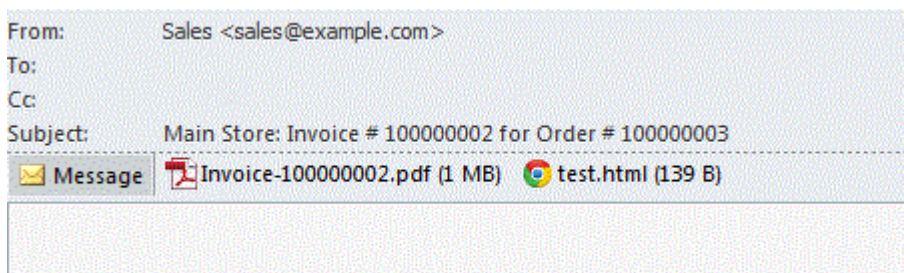
Product Name	SKU	Price	Qty Invoiced	Subtotal
The Get Up Kids: Band Camp Pullover Hoodie	4fasd5f5	€30.00	1	€30.00

**Did you know?**  
Our customer service is available **24/7**  
**(555) 555-0123**  
Hold on, help is on the way.



When the customer then clicks on Print Order, Print Invoice etc. it will be the HTML2PDF generated PDF, which is presented to the customer.

If the function to attach the PDF's to the sales emails is used, when the emails is then sent, the PDF and the Term and Conditions (is selected) is attach to the email as files.



## Development mode



The HTML2PDF module has an inbuilt function to set it in development mode this is very useful when making a template. You set the module into development mode in system settings.

Be aware that development mode affects the entire module, so it is not possible to print any PDF's in this mode. Alternative you can also set the module to inactive, so Magento PDF's are used, and then use the preview function in the template screen.

When in development mode the code breaks, and prints the templates information and html directly to the screen. The first thing you see is a long list of text like the on below, it contains 2 types of print-out.

- The first *Variable in template* is the variable function being performed, you can see the variable code and then the Magento code that is translated into, and finally the real value it produces.
- Second is the inline code, here you see the code being processed after all variables have been translated into real values. The next line is the html code after the processing, this is the code that will be used in to PDF generator

```
Variable in template: small_image
Evaluated to: is_object(Mage::getModel('catalog/product')->load($item->getData('product_id')))?Mage::getModel('catalog/product')->load($item->getData('product_id'))->getData($matches[1]):''
Variable after transformation: /m/y/my-computer.jpg

Inline code before transformation:
strcasecmp("/m/y/my-computer.jpg", "no_selection") != 0?"  ":" "
Inline code after transformation:

```

If it is still not showing in the PDF as in the development mode print-out, then check the html code to see if anything here is wrong

Last in the print-out the header, main and footer text is printed out in html. This is the final html code that is being sent to the PDF generator.

<b>Invoice address</b> John Doe street 104 90210 la California, US		<b>Invoice number:</b> 100000002 <b>Invoice date:</b> Nov 7, 2011 <b>Order number:</b> 100000002 <b>Order date:</b> Nov 7, 2011
<b>Delivery address</b> John Doe street 104 90210 la California, US	<b>Payment method</b> Check / Money order	
	<b>Shipping method</b> Flat Rate - Fixed	

Thank you for you order, we hope that you will be pleased with you order.  
 Any downloadable products will be ready for download in you account page - [ext4mage.com/customer/account/](http://ext4mage.com/customer/account/)

If you have any questions or request please feel free to contact us at [info@ext4mage.com](mailto:info@ext4mage.com)

Image	Product	Qty	Price	Tax	Discount	Total price
	<b>My Computer</b>					
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	CPU					
	Intel Core 2 Extreme QX9775 3.20GHz Retail	1	(\$1,337.49)	\$126.85	(\$307.50)	\$1,356.84
	Hard Drive					
	Western Digital - 1TB HD - 7200RPM	1	(\$299.25)	\$24.69	(\$59.85)	\$264.09
	Ram					
	Crucial 2GB PC4200 DDR2 533MHz Memory	1	(\$149.99)	\$12.37	(\$29.99)	\$132.37
	Monitor					
	30" Flat-Panel TFT-LCD Cinema HD Monitor	1	(\$524.99)	\$0.00	(\$105.00)	\$419.99
	19" Widescreen Flat-Panel LCD Monitor	1	(\$299.99)	\$0.00	(\$60.00)	\$239.99
	24" Widescreen Flat-Panel LCD Monitor	1	(\$524.99)	\$43.31	(\$105.00)	\$463.30
	HTC Touch Diamond	1	\$750.00	\$61.88	\$150.00	\$661.88
	Three Year Extended Warranty - Parts and Labor	1	\$325.00	\$0.00	\$65.00	\$260.00

If everything is looking fine in the development print-out, but not showing up in the PDF then check the html is well-formatted. Even if you are missing an end `</b>` can break the PDF generator.