

RetailFactory.ru

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Fast and Simple Import from XLS, XLSX, XML, CSV files for CS-cart

<https://store.retailfactory.ru/cs-cart-modules/import-from-excel-csv-xml-files/>

Description

This module was developed for the automation of processing suppliers' price lists in XLS, XML formats. It's used for receiving files from remote servers, working with variations and configuring flexible stock balance logic.

Getting started

For a start, you need to install the module and enter the license number.

General	Settings	Information
Cron: /opt/php74/bin/php /var/www/dev.retailfactory.ru/data/www/demo.retailfactory.ru/stores/1723594254/admin.php --dispatch=rf_stock_parser.cron		
License number:	<input type="text"/>	
PHP executable path:	<input type="text" value="/opt/php74/bin/php"/>	
Critical change of product price in percent:	<input type="text" value="50"/>	
Field for brand matching:	<input type="text" value="[RetailFactory.ru] Brand"/>	
Add fields to products list:	<input type="checkbox"/>	
Source of exchange rates:	<input type="text" value="http://www.cbr.ru/scripts/XML"/>	
Import to multiple stores:	<input type="checkbox"/> RetailFactory.ru	
CSV fields range:	<input type="text" value="200"/>	

General settings

The module includes two global settings:

- 1) A radical percentage change in price.

When the price of goods is changed in the amount that differs by the specified percentage, a store administrator will be notified by an email containing the list of products.

- 2) Brand for connection.

You need to choose the feature that is responsible for brands in your store. It will be used to associate goods in the store with goods in price lists.

- 3) PHP executable path. You need to fill the PHP path from your server. This information can be provided from the hosting support team.

Column indication for associating fields

You need to indicate the association of price list fields with parser fields.

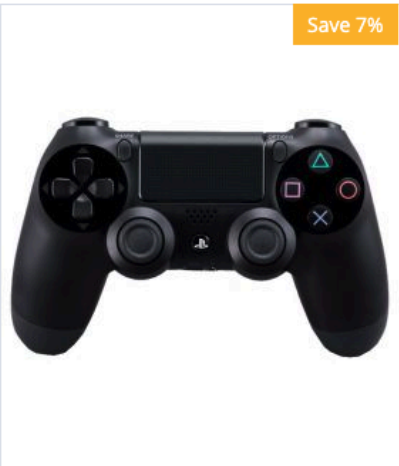
The module has next fields for linking:

- 1) Product code. The field that connects goods from a price list to those in a catalog

- 2) **Supplier price.** This price is used if you plan to use a retail markup on the wholesale price. See Pricing Strategy for details. This price **is saved** in the product and can be exported through standard export. The purchase price is **available for analysis**.
- 3) **MSRP** - the normal retail price at which the product will be sold at your store.
- 4) **List price.** The price that is recommended for sale. It needs to be filled in if your price is lower, the value is written in the product field

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Save 7%

Dualshock 4

★★★★★ 1 review [Write a review](#)

List price: ~~2 970.00 ₺~~

2 770.00 ₺

You save: 200.00 ₺ (7%)

Price in points: 2770 points

CODE: K290B2KRD2





Availability: **In stock**

Quantity:

[ADD TO CART](#) [BUY NOW WITH 1-CLICK](#) [ADD TO WISH LIST](#)

[ADD TO COMPARISON LIST](#)

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- 5) **Quantity.** The field in which the quantity of goods in stock is stored.
- 6) If you have any customers usergroups, you can add price for each.

Connection of goods in the store with goods in suppliers' prices

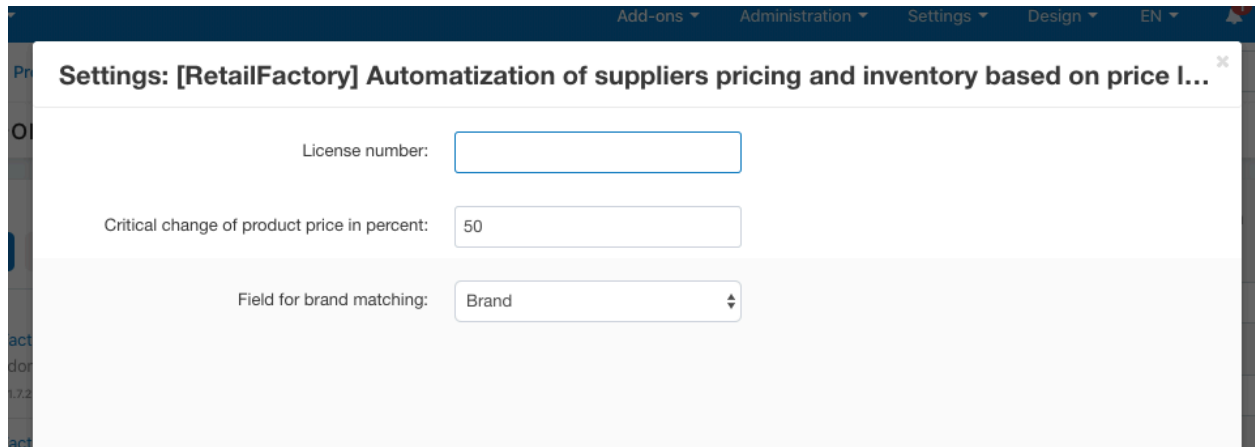
The module adds 2 new fields to the products - **Supplier price list** and **Manufacturer code**.

Connection of goods with price lists by using brands

This is the **fastest and easiest way** to get started with suppliers' price lists.

If all of your products of some brand or several brands are supplied by one supplier, you can configure the handling of all the products of these brands with this supplier.

Start by **specifying the characteristic** that is responsible for your brands in the module settings. When you install the module, it can be installed automatically.




Settings: [RetailFactory] Automatization of suppliers pricing and inventory based on price I...

License number:

Critical change of product price in percent:

Field for brand matching:

Now you can specify which brands will be processed by this parser in the parser settings. You can select several brands.

LANGUAGE:  English ▾

General Amount synonyms Price synonyms цен Availability rules Pricing rules Schedule New products Logs

General information

Name: * Adidas price list

Field for products matching: product_code ▾

Brands:

- ASUS
- Abbey Road Studios
- Acer
- Adidas**
- Aiko
- Apple
- Arc System Works
- Camelback
- Capcom
- Casio
- Cleveland
- Cobra
- Concord Records
- Creative
- D-Link

A brand can be connected only to one parser. It means you can't assign the same brand to another parser.

You don't have to attach products to parsers; just indicate **which brands** work with the specified parser.

The setup takes less than a minute if your item number matches a supplier's item number. Just specify the **product_code** field as the field for connecting yours and supplier's item numbers, and all the products that have the same item numbers as the supplier's ones will begin to update data according to price lists.

Parser settings

The module supports 3 price formats – XLS / XLSX, CSV and XML formats..

Working with XLS price lists

All you need to do for working with XLS price lists is specify which columns in the price lists correspond to the parser columns. Press the button + **XLS/XLSX**.

Indicate the fields correspondence:

Columns definition

Columns:	Name	Column	Value
<input type="checkbox"/>	0	B - 2	Product code
<input type="checkbox"/>	0	F - 6	Supplier price
<input type="checkbox"/>		D - 4	Quantity
<input type="checkbox"/>		--	MSRP
<input type="checkbox"/>	0	--	List price

Upload a file, then press the button marked "Execute" – if the parser finds the indicated item number in your database, the data is automatically entered in the product

Working with XML price lists

The module supports all formats of XML price lists. You just need to match the XML fields and parser fields.

For that end, you should click the **+XML** button. You can get the field design from the XML document at the very bottom of the parser editing page. You can use a link or file from a local computer.

Get XML scheme

XML file Select a file or enter a URL

Local URL

The following file extensions are supported: **xml**.

Выполнить

If the document is valid, the parser will display the structure of the document:

Get XML scheme

Product node	Xpath	Root	Xpath without attributes
	xml/s:Schema	<input type="radio"/>	<input type="checkbox"/>
	xml/s:Schema/s:ElementType	<input type="radio"/>	<input type="checkbox"/>
	xml/s:Schema/s:ElementType/s:AttributeType	<input type="radio"/>	<input type="checkbox"/>
	xml/s:Schema/s:ElementType/s:AttributeType/s:datatype	<input type="radio"/>	<input type="checkbox"/>
	xml/s:Schema/s:ElementType/s:extends	<input type="radio"/>	<input type="checkbox"/>
	xml/rs:data	<input type="radio"/>	<input type="checkbox"/>
	xml/rs:data/z:row	<input type="radio"/>	<input type="checkbox"/>

[Execute](#)

Indicate where product information is stored. In this example, it is stored in **xml/rs:data/z:row**. Then press the **"Execute"** button.

Check node with product data by using radio button.

We are recommending to check Xpath without attributes to use attributes as data.

Days:

ition

columns: [Reset](#)

Name	Column	Type	Value
<input type="checkbox"/>	/z:row - 1	IDArticulo	Product code
<input type="checkbox"/>	/z:row - 1	StockXML	Quantity
<input type="checkbox"/>	--		Supplier price
<input type="checkbox"/>	--		List price

Specify which data from YML correspond to the data on the right. The module can collect even data with attributes.

Then enter the name of the parser and click "Create". Now you can work with this supplier. You will always be able to reset the field correspondence if your supplier changes the file structure.

Working with CSV files

This module supports price lists in CSV format. In general, the process completely repeats the logic of working with XLS price lists. The settings allow you to process a file of any format.

Columns definition

First row:

Encoding:

CSV delimiter:

CSV enclosure:

CSV escape:

Skipping of changes if Excel or CSV file was changed

Addon can skip changes if the structure of the file was changed.

Columns definition

First row:

Row with field names:

Do not update if the row
with the names has
changed

☐

You need to set a row with column names and if the next uploading addon will check this row.

If the row was changed you can prevent updating of your products.

New products import

The module can import products from price lists directly into your catalog.

You can import Name, Price, Quantity, Features and Photos.

In order to do this, in the Additional Data section, you need to match a column from the price list with the required data.

1) Features import

If that the feature you have chosen, you need to select it in a drop-down list.

The module takes to find a match in all variants of your feature and to automatically insert the one found in a catalog. A variant is searched in **any** letter case: it does not matter how it is written in the price list, whether there are large or small letters.

In the modifier field, you can specify an arithmetic operation which must be applied with a value. Multiplication and division, addition and subtraction are available. The following symbols are used: *****, **/**, **+**, **-**.

Examples:

multiplication * 10, division / 5.

In the case of text descriptions, the value is written as in the price list. You can apply the modifiers to them.

There are also modifiers for string values. They allow you to add arbitrary text at the beginning or end of a line.

[prf]string, [psf]string.

That is, if, for example, you want to add the word test at the beginning, the modifier will be **[prf]test**

If a characteristic consists of values that are listed through a separator, the module can automatically insert them into the database as different values. Works for multiple choice features.

Use the **[expl]separator** modifier

For example, your characteristic, separated by commas, contains several values. The modifier will be **[expl]**,

This modifier is often used for images too. For example if your images are separated by “,” or “|”.

2) Import images.

The module can import images. A price list must contain a link to an image.

If you have additional images in the price list, you can just indicate them in the field following the first one in the field design. The first image will be the main one, while other images will be additional ones.

ation category

IS:	Name	Column	Value	
<input type="checkbox"/>		3	Image	Main
<input type="checkbox"/>		4	Image	Additional
<input type="checkbox"/>		--	None	
<input type="checkbox"/>		--	None	

3) Product name.

The module can collect products from available data. For this purpose, select the required fields with a checkmark. For sorting the values specify numbers; the sorting is performed in ascending order. For example, to create a name in the form of Product Type + Brand + Item Number, specify the corresponding fields with checkmarks and sort them.

Product Type - 0, Brand - 1, Item Number - 2.

Communication category

Columns:	Name	Column	Value
<input type="checkbox"/>		3	Image
<input type="checkbox"/>		4	Image
<input type="checkbox"/>	1	7	Name
<input type="checkbox"/>	2	--	Feature [RetailFactory.ru] Brand
<input type="checkbox"/>	3	--	Feature [RetailFactory.ru] Size
<input type="checkbox"/>		--	None

The products to add are displayed on the **New Products** tab.

You just need to choose products by checkboxes and press the Import button below.

The products will be automatically added to the hidden category

RETAILFACTORY_STOCK_PARSER, and you can customize the data you need (only if you have not defined category column)

4) Auto import products

You can enable Auto import checkbox. All new products will be added automatically, if this checkbox will be enabled.

Important! Only products with categories will be added automatically. Categories mapping will be described below.

Import products categories

You can choose which categories your products will fall into when imported.

By default, the module searches a text in a price list from your database. For example, if Refrigerators are specified in the column, the module tries to find exactly refrigerators in the categories.

If your categories are different from those of the supplier, you can specify which text from the price list corresponds to your category in the Communication Categories tab.

Additional product data

General

Communication category

Name	Category
Category in price 1	Electronics/TV & Video/3D TVs
Category in price 2	Apparel

You can find unmapped categories in **Logs** tab after each price updating.

You can provide your store category ID in category field. Products will be added automatically to these categories.

Products update

Since version 2.1.9 you can update extra product fields.

Just tick the checkboxes that will be updated when the price list is processed.

←

▼

Edit price list: YAM

Columns

Categories mapping

Update settings

Value	Renewable
Avail since	<input type="checkbox"/>
[Catalog Mode] Buy Now URL	<input type="checkbox"/>
Category	<input type="checkbox"/>
[Description] Full description	<input type="checkbox"/>
[Description] Full description [en]	<input type="checkbox"/>
[Description] Full description [ru]	<input type="checkbox"/>
Image	<input type="checkbox"/>
[Seo] Meta description	<input type="checkbox"/>
[Seo] Meta description [en]	<input type="checkbox"/>
[Seo] Meta description [ru]	<input type="checkbox"/>
[Seo] Meta keywords	<input type="checkbox"/>
[Seo] Meta keywords [en]	<input type="checkbox"/>
[Seo] Meta keywords [ru]	<input type="checkbox"/>
[Description] Name	<input type="checkbox"/>

General settings of files processing.

The module has a range of settings for working with price lists. We'll start with general ones.

The screenshot shows a settings interface with three main sections:

- Field for products matching:** A dropdown menu currently showing 'manufacturer_code'.
- Brands:** A list of brand names including Abbey Road Studios, Acer, Adidas, Aiko, Apple, Arc System Works, Camelback, Capcom, Casio, Cleveland, Cobra, Concord Records, Creative, D-Link, and Electronic Arts (EA).
- Columns definition:** A section with a label 'First row:' and a text input field containing the number '6'.
- Keep logs:** A section with a label 'Days:' and a text input field containing the number '30'.

1) **Keep logs. Days.**

How many days it is required to keep suppliers logs. Relevant to price lists with a large number of positions.

2) **Product code for connection.**

The field by which the goods in the store and in suppliers' price lists are associated. By default, the module adds a new field to the products – **manufacturer_code**. But if your products have any field that matches the suppliers' ones, you can use it. Most often, this is **product_code**.

Synonyms of amounts

General

Amount synonyms

Price synonyms цен

Availability rules

Pricing rules

Schedule

New products

Logs

Name	Value	Partial
<input type="text" value="many"/>	<input type="text" value="100"/>	<input type="checkbox"/> + ↗ ×
<input type="text" value="left"/>	<input type="text" value="0"/>	<input type="checkbox"/> + ↗ ×

Instead of stock balance, many suppliers like to indicate A lot, Coming soon and so on.

This setting allows you to translate text descriptions into numbers.

The checkmark **Partial** allows you to specify a partial match for the search. For example, if the quantity contains the word “not” – not available, not in stock, etc. – just indicate the word Not and click the mark.

Synonyms of prices

It is similar to working with stock balance. The checkmark **Partially** is doing the same thing.

Availability rules

This block helps to flexibly configure the availability of goods.

LANGUAGE:  English ▼

General

Amount synonyms

Price synonyms цен

Availability rules

Pricing rules

Amount will be saved in

amount

Product in the price list:

Enable

Product is not in the price
list:

Hide and set amount to 0

Set amount to 0 for all missing products

Disable all missing products

- 1) **The amount is saved in.** If you want to put the availability of products from price lists in any other field, you may just select it from the list.
- 2) **Product in the price list.** Available values – **Enable, Leave the previous status, Enable and set tracking to Do not to track.**

The latter is especially convenient if you work with an accounting system and don't want suppliers' stock balance to overlap your stock balance. Just specify this value and indicate any other field in the setting 1) except the Amount field

- 3) **The product isn't on the price list.** Available values – **Hide and put 0, Leave the previous status, Set 0.**

The module does not exclude the goods, because it is very important to avoid permanent links to 404.

Pricing rules

LANGUAGE: English ▼

General
Amount synonyms
Price synonyms
Availability rules
Pricing rules
Schedule
New products
Logs

If MSRP is not exists:

Markup: *

from

Markup

This setting allows you to work with price lists that don't contain MSRP or they may be unavailable for part of the goods. If set to **Use the wholesale price**, it is necessary to specify a **Markup** in the supplier's settings. Markup can be **absolute or percent**.

Markup. Applicable in the case of using the Supplier's price field in the matching fields settings. For example, if you specify 20, the margin will be 20%. The price of the goods will be calculated as **PRICE * 1.2**

If you need to change margins based on purchase prices, you should indicate the prices in the **From** field and specify the required margin. For example, if you want to establish a margin of 40% to the purchase price of more than 100 USD, just indicate From 100 and put 40 in the Margin field. The number of prices is unlimited.

Schedule

Amount synonyms

Price synonyms цен

Availability rules

Pricing rules

Schedule

New pr

Type

http

File URL:

Download time:

Check

The module provides for collecting files from remote servers. Just provide a link to a file and specify the frequency of collecting in the cron format. Approximate to hours. For example, if you specify ***/1**, the parser will work once an hour, if you specify ***/2**, the parser will work every two hours.

The cron you need to add on you server -

php /path_to_admin_script/admin.php --dispatch=rf_stock_parser.cron

/path_to_admin_script/admin.php - this is the path to the admin script.

Frequency of scripts execution – **strictly once an hour at the beginning of the hour.**

Example: **0 * * * * php /path_to_admin_script/admin.php --dispatch=rf_stock_parser.cron**

If you like to run cron for some price list more frequently, just use this command:

0 * * * * php /path_to_admin_script/admin.php --dispatch=rf_stock_parser.cron --parser_id=ID --force=1

ID is price list ID.

Logs

LANGUAGE:  English ▾

General

Amount synonyms

Price synonyms цен

Availability rules

Pricing rules

Schedule

New products

Logs

id	Date	Author	Info	Additional	File
5	07/22/2019 11:51	Administrator	Products count: 337 Products have been enabled: 0 Products have been disabled: 0	empty changes	Download

Here, the information about each launch of the parser is stored. You can always find out which price list was uploaded and download it.

Detailed report

There is complete information for each modified product. You will miss no changes, and you will always be able to track the changes you want.

The report **Not available on the website** displays those item numbers and prices from price lists that you don't have on your site.

Hook for 3d party developers

From version 2.9.1

For checking products update addon has special hook

```
fn_set_hook('rf_stock_parser_product_post_update', $productId, $currentDetailed);
```

Description of \$currentDetailed array

'old_price' - old product price

'price' - new price

'from_price' - price from imported file

'product_code' - product code

'm_code' - supplier product code

'old_list_price' - old list price

'list_price' - new list price

'old_amount' - old product amount

'amount' - new amount

If you still have questions about the module, you can email us.

If you want this module to be customized based on your needs, we are waiting for your letter.

support@retailfactory.ru