

AUTO-Feed

AUTO-Feed addon is to automate the processing of updating database with datafeeds. This addon will perform following day to day basis

- It will download datafeeds from different merchants' websites (or affiliate sites like cj.com, performics.com) using FTP or HTTP.
- It will uncompress datafeeds downloaded (if they are compressed in zip, tar, or gzip formats).
- It will then perform custom tasks to datafeeds like **replace** (*example: replace AFFILIATEID with your actual affiliate id*), **insert** (*example: Insert your own tracking link in the product detail column*), **split** (*example: split one column into more*) or **merge** (*example: merge more columns into one*).
- Finally it will import that downloaded and modified feed file into the system.

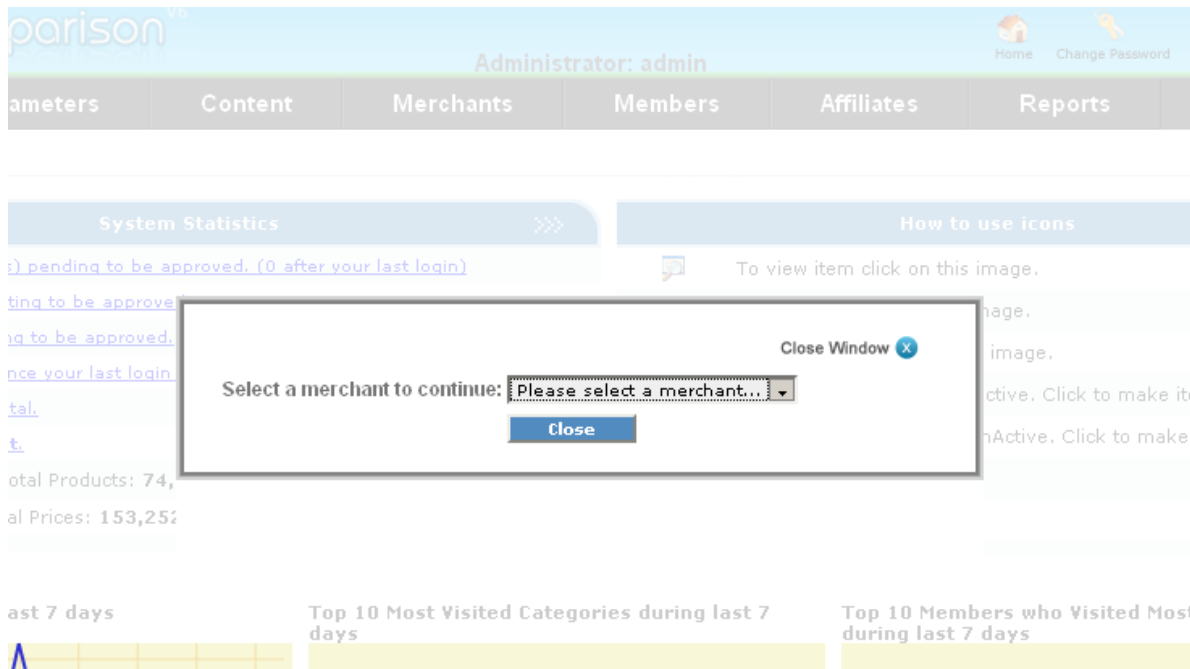
So basically, this add-on will automate whole process of you downloading the feed file, uncompressing it, changing its link to represent your affiliate id and then uploading it.

Each merchant can have several feeds where each feed file can have different format (column order and other parameters), different compression and different operations performed on it.

How to setup these autofeeds?

STEP 1:

Goto administrator area. From NAVIGATION Menu on top go to “Merchants” > “Manage Autofeeds”. You will see a pop win to select a merchant as shown in the image below.



When you select a merchant, a page will load with the list of autofeed entries for that merchant. As you are just making one the list will be empty. Click on the 'Add' icon in order to enter the location to download feed file for that merchant.

The new page will load with the input form as shown in image below.



Add AutoFeed URL

Download File

Protocol : *

URL : *
Example: www.cj.com/datafeeds/merchant_watches.csv

User Name :

Password :

File will be pushed

Location :

Filename : *
Example: merchant_watches.csv

Is file compressed? : No Yes | Compression type : |

Is this XML file? : (set to NO if you are not sure)

» **Download File :-**

This option is used to download datafeed file from remote host.

- **Protocol:** - It is the method of connection. It can be FTP, HTTP or HTTPS (HTTPS requires CURL)

If protocol is ftp, then the form will be like this:

Add AutoFeed URL

Download File

Protocol : *

Host : *

Directory :

Filename : *

User Name :

Password :

File will be pushed

- **Host:** - It is the server name to connect to for download datafeed (It can be hostname like www.overstock.com).

- **Directory:** - It is directory in which file is placed. Sometimes file is not placed on the root of the server and is under some directory. Please provide the directory to change (if any) or leave it empty.

- **Filename:** - It is the name of the file on the server to download to. (It can be like [jewelry_watches.zip](#)).

If the protocol is http or https, then the form will show a URL field only:

Add AutoFeed URL

Download File

Protocol : *

URL : *

User Name :

Password :

File will be pushed

- **URL:-** This will be the full url of the file except the http:// or https://

- **Username:** - It is the FTP/HTTP username required to connect to server. Some hosts allow to connect to without any username or password and some dont. It depends upon the FTP or HTTP server you are trying to connect to. (It can be like [media](#))

- **Password:** - It is the FTP/HTTP password required to connect to server. It can be blank as well.

» **File will be pushed :-**

This option is used when merchant (or affiliate program) pushes datafeed to your server.

- **Location:** - It is directory in which file is placed. Generally when you give affiliate/merchant your FTP userid you specify where to upload files. This is that location.

- **Filename:** - It is the name of the file on your server. (It can be like **jewelry_watches.zip**).

» **Compression information:** - Whether the file download is compressed or not. If it is compressed which compression type is used.

Input information based on actual information and hit ADD Button.

Page will refresh with the result of your last action. If you have successfully added the URL now hit the close button.

After hitting the close button the new page will reload.

The new page will look as show below.

Manage AutoFeed URLs of "Play.com"

Refresh Add Real Run Test Run Un mapped mapped Custom Tasks Feed Parameter Edit Active Inactive Delete Back

URL Actions

[Download] [http://datafeed.api.productserve.com/datafeed/download/ap \[File: qzip\]](http://datafeed.api.productserve.com/datafeed/download/ap [File: qzip])

| [Specify Category Mapping](#) | [Filter Conditions](#) | [Start Autofeed Wizard](#) |

This is the live run option, this will execute the autofeed url when it is setup finally.

Test run current settings to see if everything is working fine. Moreover it is also to see the contents of the file.

You can create category mapping for each merchant so that their datafeed categories map with the categories of your site.

You can create custom tasks that can be perform on feed file before import.

Create datafeed parameters here

This will setup the column numbers and other parameters for this datafeed. This information is required in order to process datafeed.

This will setup custom tasks to be performed on the datafeed before importing. Tasks like replace, split, insert, merge.

This will setup category mappings. Each store has its own classification of products and this can lead to disarray in your website's categories. To overcome this, you can create mapping of datafeed category with your website's category so that products end up in the right category (exactly where you want). Mappings are global to each merchant. Meaning if you setup mappings for a different feed file they will be available for the different feed file for that merchant. **This icon shows the mappings you have done already.**

This icons shows the mappings that are left to be done.

This will test run all settings so that you can test that everything is setup properly. Clicking it will try to download the feed file, uncompress it, perform custom tasks on it and then will display top 10 lines of the file for you to review **(Test Run will not affect database).**

This will execute the actual job and will import the autofeed. This can be executed after everything is setup.

STEP 2:

After adding **Datafeed URL**, now you should **TEST RUN** it in order to view the contents of the file. Click on TEST RUN icon ⚡ to download file and view its contents.

The new page will open up with the top 10 lines of the file downloaded.

If the download fails, check your settings that you have entered in the STEP 1.

After viewing the contents you will have to setup the feed column numbers and (if required) add custom tasks to the file. **At the bottom of the test run page** you will find links to setup feed parameters, custom tasks and setup category mappings as shown in the image below.

[Setup category mappings for this feed file.](#) *(opens in popup)*

[Delete downloaded file on this server. \(filesize : 765.670KB\)](#) *(opens in popup)*

[Enter Custom Tasks](#)

[Enter Feed's Parameters in database](#)

[Back to AutoFeed Urls](#)

- END -

Click on the "Enter Feed Parameters in database" link on the **TEST RUN** page to open parameters page (opens in new window). The feed parameters page will setup column numbers and other parameters required for processing the feed file.

STEP 3:

The feed parameters are used to map the columns of the text file with the database column. Similarly, in case of XML, map the xml tag with the columns of the database.

When autofeed pulls a datafeed. It does not know which format this file is in. Which XML tag or which column represents the PRODUCT NAME and which one represents the CATEGORY NAME.

In this step we tell the system which column or XML tag should be treated as product name.

In this step we also tell system to use category mapping or to add new products and other options like this.

The feed parameters page will look like screen below:

Please provide AutoFeed Parameters? >>>

Merchant : **Micro Warehouse**Filename : **zip****Information about file**Fields are delimited by : | [\[Change\]](#)**Datafeed Columns**Select what each column of spreadsheet is for using dropdown.
Scroll to the right for full view.

	8	9	10
	-None-	Column for Product name	Column for Description
	model_number	product_name	description
		HP 27X - toner cartridge	The HP C4127X Ultrapreci

General Settings

- Can** add new categories and products (if not found in database).
 Cannot add new categories and products (if not found in database).
Only update current products.

Product Classification

- Use Category Mapping....?
(Must be supported by the script. If you have AutoFEED addon installed)

Do what, if there is no mapping category for the category in the datafeed?

- Ignore entries from feed file whose mapping is not found.
 Add entry with categories as in datafeed.

- DONOT Use Category Mapping....?

If Category ID is present then specify column number for Category ID
Category ID has priority over Category names (above).Column # for Category ID: -OR- Category ID:

- Category ID is the starting point for the insertion of above categories.
 Category ID is where product should be inserted. *Ignore above categories.*

Product Information

- Only copy images of newly inserted products.
 Copy images of all products (new and old products).

Product Matching

- By Product Name

DataFeed's "Product Name" :

- Exact match with the product name in database.
 All words should be present in the product name in database (in any order)
i.e. Database Product Name super set of CSV Product Title
 All words should be present in the product name in file (in any order)
*i.e. DataFeed Product Name super set of Database Product Title **Slow option.***

- By Product Code

DataFeed's "Product Code" :

- Exact match with the product code in database. [Product Code Column # N/A]

Advanced Options (Ignore if you are not sure)» Start processing after these number of records.

If you are not aware of how to setup these parameters then please review our tutorial on how to import datafeeds. Setup of these column numbers (and other options) is similar to those in the manual datafeed import process ([click here for tutorial](#)).

The only added feature is, it supports category mapping and it has options for it.

There are two radio buttons for you to choose if you want to use "Category Mapping" or **not**.

If you opt for not using category mapping that it is standard procedure as explained in the above link.



If you opt for using it, then the category heirarchy of main, sub and micro category is compared with the mapping category in the database. If a mapping is found, that product/record is inserted in that category. If that mapping is **not** found then again you have two options,

--- **Ignore** that product/record all together -OR-



--- **Insert** product/record with the category heirarchy of main, sub and micro category as in the feed file.

STEP 4: (OPTIONAL)

Once you have setup the feed parameters you can also add custom tasks (if required). Click on the "Enter Custom Tasks" link on the **TEST RUN** page to open custom task page (opens in new window). On custom tasks page you will see a form as shown in image below.

Manage Custom Tasks for AutoFeed  

URL >>>

S# 1.... Replace : No [Col : 0] Split : Yes [Col : 9] Insert : No [Col : 0]  

You can specify custom tasks (like replace string, split columns). >>>

Merchant : **Kaon Softwares**

Filename : **Bestfive__sm.xml**

Replace (You can use it replace affiliate ID with your affiliate ID)

Column # in which to replace :

Replace this » With this

Split (Split one column into more by using a delimiter)

Column # to split :

Split using **delimiter** :

Number of columns to make : One column will be splitted to these much columns
If occurrence of 'delimiter' is more than this maximum number then the last column (of splitted columns) will contain rest of string (from source column).

Insert (Insert some text in a column before importing file)

Column # of Insertion :

TEXT to Insert :

Insert above text existing column text

Replace

This task can be used to replace text from a column of the feedfile to your desired text. It can also be used to replace AFFILIATEID in the link to your actual affiliate ID. It requires following information :-

1. **Column #** in which to replace action should be performed
2. **Text to replace** (example AFFILIATEID)
3. **Text to be replaced with** (example your actual affiliate ID)

Split

This task can be used to split a single column into multiple columns based on a "delimiter text". It requires following information :-

1. **Column #** which should be splitted.

2. **Split delimiter** The column should be splitted based on this delimiter (example column containing text "Computer > Softwares > Windows XP" can be splitted using > into three columns).
3. **Number of columns** to split into. One column will be splitted to these much columns. If occurrence of 'delimiter' is more than this maximum number then the last column (of splitted columns) will contain rest of string (from source column).

Insert

This task can be used to insert some text into a column. It requires following information :-

1. **Column #** in which text should be inserted.
2. **Text to insert**, this text will be inserted into the column.
3. **Before/After**, the text should be inserted before -or- after the existing data of that column.

Note: If you add a custom task which alters column numbers (like split) then you may want to update feed parameters accordingly.

STEP 5:

After you have setup feed parameters click on the "Setup category mappings for this feed file" on the same **TEST RUN** page. This will open a category mapping process in new window. The process will parse that datafeed file which have been download for the test run and will make a list of categories (whose mappings are not already present in the mapping table for that merchant).

Once the process finishes you will see a list of categories not mapping to the categories on your website. You can map those categories to the categories of your website **by clicking the button to have a dropdown of categories, then select the proper category**, then click on the green icon to confirm that mapping. **If your required category is not there in the dropdown, you can simply click the Add Categories link to add the hierarchy**. Once you have selected categories from the dropdown click on the UPDATE button to save. See image below.


Total Records in Datafeed : **711**
Categories you have already mapped : **4**
Categories with no mapping found : **270**

Donot show 'Not Defined' again? [\[YES\]](#) / [\[NO\]](#)
Show [25](#) | [50](#) | [100](#) | [200](#) | [500](#) records per page

Category	Main Category » Sub Category » Micro Category
<input type="checkbox"/> » Dameskleding » Lingerie & ondergoed...(1)	5 Damesmode>Basic & / vrije tijd>Blazers>Kort model
<input type="checkbox"/> Not Defined Add Categories	1 Damesmode>Basic & / vrije tijd>Blouses & / tunieken>Lange mouw
<input type="checkbox"/> Not Defined Add Categories	3 Damesmode>Basic & / vrije tijd>Jeans>Lang
<input type="checkbox"/> Not Defined Add Categories	2 Damesmode>Basic & / vrije tijd>Jurken>Lang
<input type="checkbox"/> Not Defined Add Categories	1 Damesmode>Basic & / vrije tijd>Truien>Ronde hals
<input type="checkbox"/> Not Defined Add Categories	4 Damesmode>Basic & / vrije tijd>Truien>V-hals
<input type="checkbox"/> Not Defined Add Categories	1 Damesmode>Basic & / vrije tijd>Vesten>Knoopsluiting
<input type="checkbox"/> Not Defined Add Categories	1 Damesmode>Bladerbare

FINAL STEP:

At this point, you have setup URL for downloading feed file or location for pulling pushed file, you have also specified the compression used (if any), you have also setup actions to be performed on the downloaded file (if any), moreover have specified any category mapping necessary and lastly the column numbers (and other import options) for importing that downloaded datafeed.

Now you are all ready to do a REAL RUN and ACTUALLY import products and categories into the system. You can do this by clicking on this icon .

Once you click on this icon a new window will open and will show you progress of the import process as well as link to the LOG file. Note down that link as that link will help you understand the entire process.

SETTING CRONJOB:

Once you have tested autofeed by actually running it in web browser you can also set a cronjob of **php admin/autofeed_cronjob_ssh.php** on your server running every day/week so that products and prices are automatically updated (or as per your requirements).

Note: you want to run cronjob for a single merchant at a time you can specify merchant id in front of the file.

In browser: http://www.your-domain.com/admin/autofeed_cronjob.php?u=MERCHANTID

In SSH/cronjob: `php admin/autofeed_cronjob.php MERCHANTID`

- End -
