

Puckator Dropshipping

XML Datafeed v1.2

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1 Introduction

The Puckator Dropship site at <http://dropship.puckator.co.uk> provides dropshippers with the ability to place orders for items which are to be dispatched directly to their customer.

An XML feed is provided as part of this service to enable dropshippers to create their own automated store.

2 Access

The XML datafeed is retrieved using an HTTP GET from the following URL:

http://dropship.puckator.co.uk/xml_feed.php

For example calling

`http://dropship.puckator.co.uk/xml_feed.php?email=myemailaddress&password=myspassword&products&fields=pid|f|sl|p&since=2004-08-21`

Returns the product id, the for sale status, the stock level, the price including VAT of every product amended since the 21st August 2004:

```
<?xml version="1.0"?><products><product><pid>A211</pid> <p>6.26</p>
<f>yes</f> <sl>0</sl> </product> <product><pid>CH171</pid> <p></p> <f>yes</f>
<sl>391</sl> </product> <product><pid>HW20C</pid> <p>1.02</p> <f>yes</f>
<sl>0</sl> </product> <product><pid>HW21C</pid> <p>1.02</p> <f>yes</f>
<sl></sl> </product> </products>
```

3 Parameters

Data is requested using a standard GET format:

?x=y&z=a

3.1 Fields Used in the Product Report

Field	Required?	Description	Example
email	Yes	The email address of a valid account	john@smith.com
password	Yes	The password associated with the valid account	Twopints
products	No	If present instructs the data feed to include 'product' information	products
fields	Yes	Defines the fields to be returned – see 3.3 “Fields Available in the Product Report”	To return the product id, the name, the price, and the stock level: “fields=pid name p sl”
Limit	No	Defines the number of products to return, and where to begin the list	Often used during testing to limit the total number of records e.g. limit=5 Can also be used to define the beginning of the list, e.g. limit=5,10 returns a list of 10 products beginning with the 6 th product in the database (counting from zero).
Product_id	No	Defines the product for which to return information	Can be used to make the enquiry specific to a single product id e.g. PS01

Field	Required?	Description	Example
Since	No	Defines the date after which any product which has been updated is to be included Format: Yyyy-mm-dd	Used to limit the number of products return to only those which have been amended in any way since the date e.g. since=2004-08-21

3.2 Fields used in the Category Report

Field	Required?	Description	Example
email	Yes	The email address of a valid account	john@smith.com
password	Yes	The password associated with the valid account	Twopints
categories	Yes	If present instructs the data feed to include 'category' information	products

3.3 Fields Available in the Product Report

The 'Fields' parameter contains a list of the fields to be returned separated by a '|' character.

The fields available are as follows.

Field	Name	Description
"pid"	Product Id	Up to 30 character alpha-numeric field
"name"	Product Name	e.g. 'Stained Bamboo Chime, Large'
"p"	Price	Price including VAT
"pev"	Price excluding VAT	
"f"	For Sale	'yes' = product is for sale 'no' = product is not for sale

Field	Name	Description
'wl'	Warning Level	'low stock' = product stock level is not thought to last next 7-10 days
"lfscd"	Last For Sale Changed Date	Date and time at which the For Sale status was last changed "yyyy-mm-dd HH:MM:SS" e.g. 2004-08-10 16:40:01
"sd"	Short Description	HTML field of short description (if exists) Note characters incompatible with XML are escaped: & => & > => > < => <
"ld"	Long Description	HTML field of long description (if exists) Note characters incompatible with XML are escaped: & => & > => > < => <
"dcc"	Delivery Charged Code	Code indicating the rate of delivery charge, e.g. 'A'
"dcev"	Delivery Charge Excluding VAT	The delivery charge which would be charged on a single item being shipped to the UK mainland e.g. 1.05
"aic"	Additional Item Charge	Charge levied for each

Field	Name	Description
		additional item (so if three items are ordered the first would be charged at the 'delivery charge excluding VAT rate' and the second two would be charged at the 'additional item charge' rate (which also excludes VAT) e.g. 0.75
"m"	Material	The material from which the product is made, e.g. "Resin" This field may be blank.
"sl"	Stock Level	The current stock level of the product e.g. 5
"ndd"	Next Delivery Date	The next delivery date of the product (if known)
"d"	Dimensions	The dimensions of the product, e.g. 25cm(h)
"piu"	Product Image URL	URL of the product image(s)
"descriptors"	Product alternatives	e.g. colour/scent See 'Tags' for more information on descriptors.
"categories"	Categories	The categories in which this product is listed, supplied as category ids. See the separate 'categories' report for a full XML list of categories.

4 Returned Data

This call:

http://dropship.puckator.co.uk/xml_feed.php?email=your_email_address&password=your_password&products&fields=pid|name|p|pev|f|wl|lfscd|sd|ld|dcc|dcev|aic|m|sl|descriptors|ndd|d&product%20id=CN16

(Change 'your_email_address' and 'your_password' to be those of your account)

Currently returns:

```
<?xml version="1.0"?><products><product><pid>CN16</pid> <name>Dinner
Candle 20cm, Pack 2</name> <p>6.51</p> <pev>5.54</pev> <f>no</f>
<wl></wl> <lfscd>2004-08-10 16:40:01</lfscd> <sd>Scents available:
Vanilla, Cinnamon, Strawberry, Wild Flower, Lavender, Wild Berries
</sd> <ld>SCENTS AVAILABLE, VANILLA, CINNAMON, STRAWBERRY,WILD FLOWER,
LAVENDER, WILD BERRIES.12 Pairs to each outer Merchandise Box.</ld>
<dcc>B</dcc> <dcev>3.99</dcev> <aic>0.75</aic> <m></m> <sl>29</sl>
<ndd></ndd> <d>20cm (H)</d>
<descriptors><descriptor_name>Scent</descriptor_name>
<descriptor_label>Select scent:</descriptor_label>
<description_list>CINNAMON|STRAWBERRY|WILD FLOWER|LAVENDER|WILD
BERRIES</description_list> </descriptors></product> </products>
```

Data is returned within XML tags.

The entire Product report is enclosed by <products>.....</products>

Detail for each product is enclosed by <product>....</product>

Each field being returned is similarly enclosed by the name of its field, for example

<p>6.51</p> is the price of the product.

4.1 Tags

Tag	Name	Description
<pid>	Product id	
<name>	Product name	
<p>	Price including VAT	No currency sign
<pev>	Price excluding VAT	No currency sign
<f>	For Sale	'yes' or 'no', eg. Yes
<wl>	Warning Level	Warns if the stock is low enough to risk not being in stock in 7-10 days Values are 'low stock' or blank

		e.g. low stock
<lfscd>	Last for sale changed date	Date and time the for sale status last changed Format: Yyyy-mm-dd hh:mm:ss e.g. 2004-08-12 14:05:10
<sd>	Short Description	XML-escaped HTML field e.g. <p>Harmless</p>
<ld>	Long Description	XML-escaped HTML field e.g. <p>Mostly Harmless</p>
<dcc>	Delivery Charge Code	Charge code of the product, e.g. A
<dcev>	Delivery Charge excluding VAT	Charge for shipping the product
<aic>	Additional Item Charge	Charge levied for each additional item being shipped to the same address
<m>	Material	The material from which the product is made, e.g. Resin
<sl>	Stock Level	The current stock level of the product. May be blank.
<ndd>	Next Delivery Date	May be blank Format yyyy-mm-dd
<d>	Dimensions	e.g. 20cm (H)
<descriptors>	Used to define a group of alternatives for the product, e.g. colours	A product may have more than one set of descriptors, e.g. a colour and a scent option.
...<descriptor_name>	Name of Descriptor	e.g. 'Scent'
...<descriptor_label>	Label used to prompt	e.g. 'Select Scent:'

	customer	
...<description_list>	List of options	List, separated by the ' ' character e.g. Cinnamon Strawberry
<piu>	Product Image URL	A URL for retrieval of the largest version of the product image(s). Please don't serve images directly from our server – copy them to your own. This URL is supplied to enable you to take a copy of the image file. Note there may be multiple returned "piu" pairs, or none at all – one for each product image which exists
<categories>	Categories	List of categories in which the product is found
...<cat_id>	Category	The category ID of a category in which the product is listed
<parent_cat_id>	Parent category	The category 'above' the category. If blank then this category is listed at the top of the tree
<cat_name>	Category Name	The abbreviated name of the category, i.e. the name of the category once you take into account it's position within the hierarchy, e.g. "Children's" rather than "Children's Clothes" if the category is listed within "Clothes"
<cat_sort_order>	Category Sort Order	If non-blank then this sort field is used to order this category against its siblings in the tree – normally used as a way to force certain categories to the top or the bottom of the list

<fullname>	Full name	The full name of the category
<show_to_public>	Show to Public	'Y' indicates this category is published on the site ('N' otherwise)
<keywords>	Keywords	Any words used to match this category other than those found in its name
<product_breadcrumb>	Product Breadcrumb	An HTML field used when displaying products which are listed in this category
<breadcrumb_order>	Breadcrumb Order	A sort field used when a product is listed in multiple categories to help define which breadcrumb will be displayed (the breadcrumb with the lowest breadcrumb_order is used)
<thumbnail_product_id>	Thumbnail Product Id	The product id of the product (if any) used to represent this category as a thumbnail
<show_items_not_for_sale>	Show Items Not For Sale	If set to 'Y' then products are displayed in this category even if they are not 'For Sale'

5 Example

Call:

http://dropship.puckator.co.uk/xml_feed.php?email=email_address&password=password&products&fields=pid/descriptors/piu&product%20id=CN16

Result:

```
<?xml version="1.0"?><products><product><pid>CN16</pid>
<descriptors><descriptor_name>Scent</descriptor_name>
<descriptor_label>Select scent:</descriptor_label>
<description_list>CINNAMON|STRAWBERRY|WILD FLOWER|LAVENDER|WILD
BERRIES</description_list>
</descriptors><piu>http://dropship.puckator.co.uk/sites/puckatordropsh
ipv1.0/productimages/big/CN16.jpg</piu><piu>http://dropship.puckator.c
o.uk/sites/puckatordropshipv1.0/productimages/big/CN16_a.jpg</piu><piu
>http://dropship.puckator.co.uk/sites/puckatordropshipv1.0/productimag
es/big/CN16_b.jpg</piu><piu>http://dropship.puckator.co.uk/sites/pucka
tordropshipv1.0/productimages/big/CN16_c.jpg</piu><piu>http://dropship
.puckator.co.uk/sites/puckatordropshipv1.0/productimages/big/CN16_d.jp
g</piu><piu>http://dropship.puckator.co.uk/sites/puckatordropshipv1.0/
productimages/big/CN16_e.jpg</piu><piu>http://dropship.puckator.co.uk/
sites/puckatordropshipv1.0/productimages/big/CN16_f.jpg</piu><piu>http
```

```
://dropship.puckator.co.uk/sites/puckatordropshipv1.0/productimages/big/CN16_g.jpg</piu><piu>http://dropship.puckator.co.uk/sites/puckatordropshipv1.0/productimages/big/CN16_h.jpg</piu><piu>http://dropship.puckator.co.uk/sites/puckatordropshipv1.0/productimages/big/CN16_i.jpg</piu><piu>http://dropship.puckator.co.uk/sites/puckatordropshipv1.0/productimages/big/CN16_j.jpg</piu><piu>http://dropship.puckator.co.uk/sites/puckatordropshipv1.0/productimages/big/CN16_k.jpg</piu></product></products>
```

6 Support

If you need any assistance in the use of this data feed contact:

support@wickedecommerce.com

7 Example Parsing in PHP

The example parsing routine supplied here is a simple method for converting the XML data feed into a structure array, matching the format of the XML.

Please feel free to use it in anyway you see fit, but we offer no guarantee or warranty with respect to effectiveness or suitability to purpose.

This code is downloadable from:

http://dropship.puckator.co.uk/sites/puckatordropshipv1.0/productimages/php_parser.txt

7.1 PHP Code

This code requires the authority to execute 'eval' statements, and access to the in-built PHP XML parsing routines.

```
<?php

// Example fields being called here - you may want different ones

$xml=my_parser('http://dropship.puckator.co.uk/xml_feed.php?email=your_sign_in_email_address&password=your_sign_in_password&products&fields=pid|f|p');

echo "<pre>";
print_r($xml);

function my_parser($filename) {
    global $stack,$xml_array;
    $stack=array();
    $xml_array=array();
    $xml_parser = xml_parser_create();
    xml_set_element_handler($xml_parser, "startElement", "endElement");
    xml_set_character_data_handler($xml_parser, "characterData");
    if (!$fp = fopen($filename, "r")) die("could not open XML input");
    while ($data = fread($fp, 4096)) {
        if (!xml_parse($xml_parser, $data, feof($fp))) {
            die(sprintf("XML error: %s at line %d",
                xml_error_string(xml_get_error_code($xml_parser)),
                xml_get_current_line_number($xml_parser)));
        }
        xml_parser_free($xml_parser);
        return $xml_array;
    }
}

function startElement($parser, $name, $attrs) {
    global $stack,$xml_array;
    array_push($stack,"['$name']");
    if (eval("return isset(\\"$xml_array".implode("",$stack).");")) {
        if (!eval("return isset(\\"$xml_array".implode("",$stack)."[0];")) {
            eval("\$old_end=\\"$xml_array".implode("",$stack).";");
            eval("\\"$xml_array".implode("",$stack). "=array();");
            eval("\\"$xml_array".implode("",$stack)."[0]=\$old_end;");
        }

        eval("array_push(\\"$stack,\\\"[\".count(\\"$xml_array".implode("",$stack).").\\\"]\");");
    }
}

function endElement($parser, $name) {
    global $stack;
    if ($stack[count($stack)-1] != "['.$name.']") array_pop($stack);
    array_pop($stack);
}

function characterData($parser, $data) {
    global $stack,$xml_array;
    if (trim($data)=='') return;
    if (eval("return is_array(\\"$xml_array".implode("",$stack).");")) {
```

```

        eval("array_push(\$xml_array".implode("", $stack).",str_replace(\"\\\\\\\"\", \"\\\", \"\$data\");");
    } else {
        eval("\$xml_array".implode("", $stack). "=str_replace(\"\\\\\\\"\", \"\\\", \"\$data\");");
    }
}

```

7.2 Example Output

7.2.1 Example 1 – requesting a single product

This calling line:

```

$xml=my_parser('http://dropship.puckator.co.uk/xml_feed.php?email=your_sign_in_email_address&password=your_sign_in_password&products&fields=pid|f|p|descriptors&product_id=CS14');

```

results in:

```

Array
(
    [PRODUCTS] => Array
        (
            [PRODUCT] => Array
                (
                    [PID] => CS14
                    [P] => 32.31
                    [F] => yes
                )
            )
        )
)

```

7.2.2 Example 2 – Multiple Products

Reuquesting the first 20 products:

```
$xml=my_parser('http://dropship.puckator.co.uk/xml_feed.php?email=your_sign_in_email_address&password=your_sign_in_password&products&fields=pid|f|p|descriptors&limit=20');
```

results in:

```
Array
(
    [PRODUCTS] => Array
        (
            [PRODUCT] => Array
                (
                    [0] => Array
                        (
                            [PID] => A211
                            [P] => 6.26
                            [F] => no
                        )
                    [1] => Array
                        (
                            [PID] => A216
                            [P] => 6.26
                            [F] => yes
                        )
                    [2] => Array
                        (
                            [PID] => A53
                            [P] => 6.26
                            [F] => yes
                        )
                    [3] => Array
                        (
                            [PID] => A54
                            [P] => 6.26
                            [F] => yes
                        )
                    [4] => Array
                        (
                            [PID] => A55
                            [P] => 6.26
                            [F] => yes
                        )
                    [5] => Array
                        (
                            [PID] => A56
                            [P] => 6.26
                            [F] => yes
                        )
                    [6] => Array
                        (
                            [PID] => AB10
                            [P] => 5.50
                            [F] => yes
                        )
                    [7] => Array
                        (
                            [PID] => AB18
                            [P] => 1.66
                            [F] => yes
                        )
                    [8] => Array
                        (
                            [PID] => AB19
                            [P] => 1.66
                            [F] => yes
                        )
                    [9] => Array
                        (
                            [PID] => AB20
                            [P] => 3.04
                            [F] => no
                        )
                )
        )
)
```

```

)
[10] => Array
(
  [PID] => AL01A
  [P] => 1.66
  [F] => yes
  [DESCRIPTORS] => Array
    (
      [DESCRIPTOR_NAME] => Colour
      [DESCRIPTOR_LABEL] => Select a colour
      [DESCRIPTION_LIST] => Red and Yellow Leaf|Purple and
Clear Leaf
    )
  )
)
[11] => Array
(
  [PID] => AL01B
  [P] => 1.66
  [F] => yes
  [DESCRIPTORS] => Array
    (
      [DESCRIPTOR_NAME] => Colour
      [DESCRIPTOR_LABEL] => Select a colour
      [DESCRIPTION_LIST] => Red|Green
    )
  )
)
[12] => Array
(
  [PID] => AL02
  [P] => 5.50
  [F] => yes
  [DESCRIPTORS] => Array
    (
      [DESCRIPTOR_NAME] => Colour
      [DESCRIPTOR_LABEL] => Select a colour
      [DESCRIPTION_LIST] => Red|Purple|Green
    )
  )
)
[13] => Array
(
  [PID] => AL03
  [P] => 4.98
  [F] => yes
  [DESCRIPTORS] => Array
    (
      [DESCRIPTOR_NAME] => Colour
      [DESCRIPTOR_LABEL] => Select a colour
      [DESCRIPTION_LIST] => Red|Purple|Green
    )
  )
)
[14] => Array
(
  [PID] => AL04
  [P] => 2.20
  [F] => yes
  [DESCRIPTORS] => Array
    (
      [DESCRIPTOR_NAME] => Colour
      [DESCRIPTOR_LABEL] => Select a colour
      [DESCRIPTION_LIST] => Red|Purple|Green
    )
  )
)
[15] => Array
(
  [PID] => AL07
  [P] => 2.20
  [F] => yes
  [DESCRIPTORS] => Array
    (
      [DESCRIPTOR_NAME] => Colour
      [DESCRIPTOR_LABEL] => Select a colour
      [DESCRIPTION_LIST] => Red|Purple|Green
    )
  )
)

```

