

ShareMonkey Matching XML Service

This document details how to use the ShareMonkey file to product XML service. The service accepts data about a file and responds with information about products this file originated from, including links that will track back to your affiliate account and earn you revenue for each lead and / or subsequent sale.

Document Version	Updated Date	Updated By	Comments
1.0	2007-09-30	Keiron Waites	Initial Release
1.1	2007-11-13	Marcel van Velden	Updated for XML feed version 0.3 Beta
1.2	2007-11-14	Marcel van Velden	Updated PHP Example
1.3	2007-12-21	Marcel van Velden	Updated for XML feed version 0.8 Beta
1.4	2008-01-28	Marcel van Velden	Updated for XML feed version 1.0 Final

If you require any help with integration please do not hesitate to contact leadbullet by emailing affiliate@leadbullet.nl.

Base URL

The base URL to pass data to is <http://tools.sharemonkey.com/xml/productMatch>

File Attributes and Options

ShareMonkey can accept many file attributes, most of which are used to improve our file to product matching. The more file attributes you submit, the more accurate the result will be.

Name	GET Key	Description	Notes
Filename	n	The name of the file, including the file extension.	Must be url encoded.
Filesize	s	The size of the file, in bytes.	
SHA1 Hash	sha1	The sha1 hash of the file.	

Ed2k Hash	ed2k	The ed2k hash of the file.	
UUHash	uuhash	The uuhash hash of the file.	
KZHash	kzhash	The kzhash hash of the file.	
TTH Hash	tth	The tth hash of the file.	
Info Hash	info_hash	The hash of the .torrent info file.	
Audio Title Meta Data	audiotitle	The title of an audio file, e.g. an mp3.	Must be url encoded.
Audio Artist Name Meta Data	audioartist	The artist of an audio file, e.g. an mp3.	Must be url encoded.
Audio Album Meta Data	audioalbum	The album an audio file, e.g. an mp3, came from.	Must be url encoded.
Audio Track Number Meta Data	tn	The track number an audio file, e.g. an mp3, is listed as on an album.	
Campaign Id	cid	The id used to uniquely identify your campaign.	You can request a campaign id from within your affiliate account page or by contacting affiliate@leadbullet.nl .
User's IP Address	user_ip_address	The IP address of the user visiting your website. This IP is used to generate product links for the user's country of origin, and is not stored.	
Country code	country_code	The country code can be used to force country settings as an	Examples: UK, US, NL.

		alternative for user_ip_address.	
Amount of Results	result_amount	The amount of product matches you would like returned for this file. Defaults to 1.	
Amount of Stores	stores_amount	The amount of stores you would like returned per product match. Defaults to 3.	
Product category id	category_id	If you know the category the product this file came from fits into, you can pass it for increase matching accuracy. For example, if the file's a .rar but you know it contains an album, you could pass category_id=1.	Accepted category ids: 1 - Audio 2 - Documents 3 - Games 4 - Software 5 - Video

Examples

```

http://tools.sharemonkey.com/xml/productMatch
?n=01%2dIntro.mp3
&s=1253504
&sha1=HA7J37RTMSWSPSP2XNAPAPINEP4P3VCN
&tth=HZQQOE4RQX4PFSJN4GS4PHPCH342SLOHUNFIKSQ
&ed2k=3d701dc4161048f10e5d153fcf39e7da
&kzhash=2032a596ae6733c736b87f8bd1d642d8a3c05fb594e6c660c1a2ffe6e0a4f9e2d658ac9f
&audiotitle=Intro
&audioartist=Nirvana
&audioalbum=From%20The%20Muddy%20Banks%20Of%20The%20Wishkah
&tn=1
&campaign_id=10
&user_ip_address=212.58.226.20
&result_amount=3

```

```

http://tools.sharemonkey.com/xml/productMatch
?n=BIOSHOCK
&info_hash=554fca49322fbbff5abdd22236b063dadf7658a3

```

&category_id=3
&cid=17
&user_ip_address=88.107.148.7

XML Response

The XML service returns an XML document containing product matches for the supplied file data.

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE Products SYSTEM "http://tools.sharemonkey.com/xml/Products.dtd">
<Products>
  <Version>1.0</Version>
  <Timestamp>2008-01-28T16:47:52+01:00</Timestamp>
  <Status>Success</Status>
  <Count>1</Count>
  <ShareMonkeyComparisonURL>http://match.test.sharemonkey.com/4/58532
  <Product>
    <ProductName>Bioshock (PC)</ProductName>
    <ProductID>217255</ProductID>
    <ProductDescription/>
    <ProductURLs>
      <ProductBuyURL>http://store.test.sharemonkey.com/5/
      <ProductDetailURL>http://match.test.sharemonkey.com
      <ProductAcceptURL>http://tools.test.sharemonkey.com
      <ProductDenyURL>http://tools.test.sharemonkey.com/f
    </ProductURLs>
    <ProductImages>
      <LargeImage>
        <ImageURL>http://tools.test.sharemonkey.com
        <ImageWidth>359</ImageWidth>
        <ImageHeight>500</ImageHeight>
      </LargeImage>
      <MediumImage>
        <ImageURL>http://tools.test.sharemonkey.com
        <ImageWidth>115</ImageWidth>
        <ImageHeight>160</ImageHeight>
      </MediumImage>
      <SmallImage>
        <ImageURL>http://tools.test.sharemonkey.com
        <ImageWidth>54</ImageWidth>
        <ImageHeight>75</ImageHeight>
    </ProductImages>
  </Product>
</Products>
```

```

        </SmallImage>
    </ProductImages>
    <Stores>
        <Count>3</Count>
        <StoresXML>http://tools.test.sharemonkey.com/xml/st
        <Store>
            <StoreName>Love film</StoreName>
            <StoreURL>http://store.test.sharemonkey.com
            <ProductName>BioShock (PC)</ProductName>
            <Price>
                <PriceRaw>32.93</PriceRaw>
                <PriceCurrencyCode>GBP</PriceCurren
                <PriceCurrencySymbolHTML>£</PriceCu
                <PriceFormatted>£32.93</PriceFormat
            </Price>
        </Store>
    </Stores>
</Product>
</Products>

```

PHP 5 Example

This code shows how to call the XML service and access it's returned values in PHP 5.

```

<?php

// Generate an XML document containing products related to the file data we have passed
// (filename, info_hash, etc).
// I.e.
//http://localhost/xml_example.php?
//n=BIOSHOCK&
//info_hash=554fca49322fbff5abdd22236b063dadf7658a3&
//category_id=3&
//cid=17&
//user_ip_address=88.107.148.7

$SHAREMONKEY_SUBDOMAIN_TOOLS_URL = "http://tools.sharemonkey.com";
$url= $SHAREMONKEY_SUBDOMAIN_TOOLS_URL."/xml/
productMatch?result_amount=3&{$_SERVER["QUERY_STRING"]}";
$product_xml = file_get_contents($url);

// Convert the product XML into an object for easy access.
$xml = new SimpleXMLElement($product_xml);

```

```

// Generate HTML
echo "
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN" 'http://www.w3.org/TR/xhtml11/
DTD/xhtml11.dtd'>
<html xmlns='http://www.w3.org/1999/xhtml' xml:lang='en'>
<head>
  <title>ShareMonkey :: XML Feed Example</title>
</head>
<body>
<table align='center' border='0' width='100%' cellpadding='8' cellspacing='4'>;

foreach($xml->Product as $product) {

  // Loop through the stores that list this product to generate $prices_table like so:
  $prices_table = "<table>";
  foreach ($product->Stores[0]->Store as $store) {
    $prices_table .= "
    <tr>
      <td><a href='{ $store->StoreURL }'>{ $store->StoreName }</a></td>
      <td><a href='{ $store->StoreURL }'>{ $store->Price->PriceFormatted }</a></td>
    </tr>";
  }
  $prices_table .= "</table>";

  echo "
  <tr>
    <td ROWSPAN=2>
      <a href='{ $product->ProductURL }'><img
src='{ $product->ProductImages->SmallImage->ImageURL }' border='0'></img></a>
    </td>
    <td>
      <h2><a href='{ $product->ProductURL }'>{ $product->ProductName }</a></h2>
    </td>
    <td ROWSPAN=2>
      { $prices_table }
    </td>
  </tr>
  <tr>
    <td>
      { $product->ProductDescription }
    </td>
  </tr>";
}
echo "</table></body></html>";

```

?>

Help & Support

If you require any further help with the creating of matching links, please do not hesitate to contact us at affiliate@leadbullet.nl.

Useful Links

URL	Description
http://affiliate.leadbullet.nl	You can log into your affiliate account or create one here.
http://www.sharemonkey.com	ShareMonkey home page.
http://www.leadbullet.nl	Leadbullet official site.