

affinet GmbH

affinet ProductWebservices

Technical Documentation

Contents

I.	INTRODUCTION	3
II.	GETTING ACCESS	3
III.	WEBSERVICES.....	3
1.	GetCategoryList.....	3
1.1.	Parameters.....	3
1.2.	Return Types.....	4
2.	GetCategoryPath.....	5
2.1.	Parameters.....	5
2.2.	Return Types.....	5
3.	GetCategoryTree	5
3.1.	Parameters.....	6
3.2.	Return Types.....	6
4.	GetProductDetail	7
4.1.	Parameters.....	7
4.2.	Return Types.....	8
5.	GetProducts	11
5.1.	Parameters.....	12
5.2.	Return Types.....	12
6.	GetShopList.....	12
6.1.	Parameters.....	12
6.2.	Result Types.....	13
7.	SearchProducts	14
7.1.	Parameters.....	14
7.2.	Return Types.....	15
8.	SearchProductsInCategories.....	15
8.1.	Parameters.....	15
8.2.	Return Types.....	16
9.	searchProductsInCategory	16
9.1.	Parameters.....	17
9.2.	Return Types.....	17

I. Introduction

The Product Webservice makes it possible for the publishers to access the product data without logging into the account through the affilinet website.

II. Getting Access

In order to get access to the product webservices please contact our support staff at support@affili.net

III. Webservices

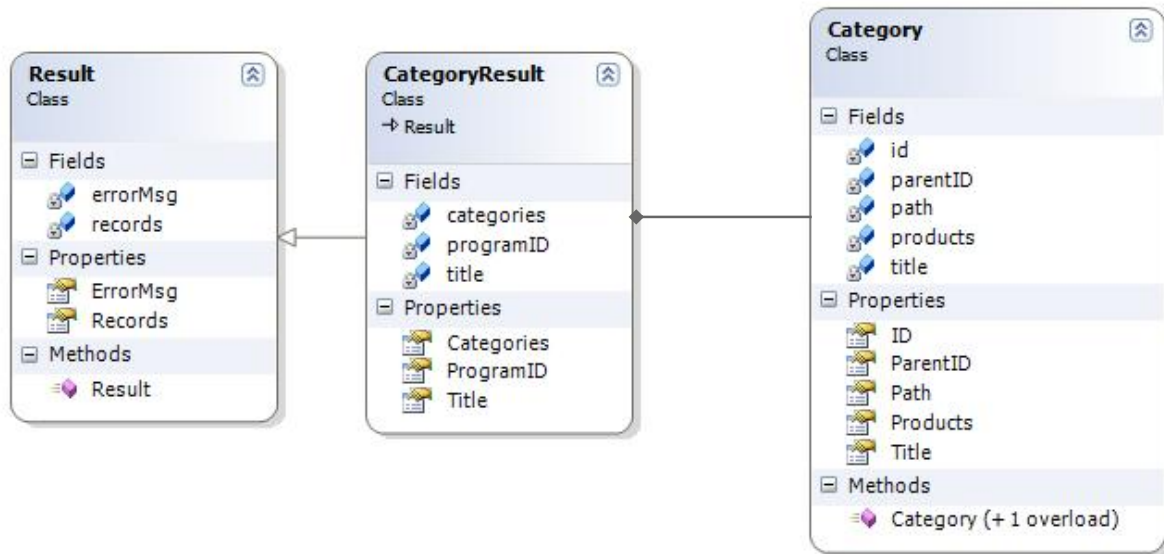
1. GetCategoryList

This method can be used to get all categories of a certain shop.

1.1. Parameters

Parameter	Type	Description
PartnerID	Integer	Your affilinet® PartnerID
Password	String	Your affilinet® Webservices Password
ShopID	Integer	Id of the Advertiser, whose categories should be retrieved

1.2. Return Types



Result

Property	Type	Description
Records	Integer	Number of entries returned
ErrorMsg	String	An error message is returned in this property, if something goes wrong with the request.

CategoryResult

Property	Type	Description
Categories	Category	List of category details
ProgramID	Integer	ProgramID of the Advertiser
Title	String	Name of the Advertiser

Category

Property	Type	Description
ID	Integer	ID with which the category is identified
ParentID	Integer	Parent category ID for this Category
Path	String	Complete path in the tree to the category as names of the category
Products	Integer	Number of products present in this category from this advertiser
Title	String	Name of the category

2. GetCategoryPath

This method can be used to retrieve the path of a specific shop category i.e. all categories up to the specified category are issued as an ordered list of category objects. This category list is included in the returned CategoryResultObject.

2.1. Parameters

Parameter	Type	Description
PartnerID	Integer	your affilinet® PartnerID
Password	String	Your affilinet® Webservices Password
ShopID	Integer	ID of the shops with categories to be retrieved
CategoryID	Integer	ID of the category whose path needs to be retrieved.

2.2. Return Types

The return type is exactly the same as GetCategoryList, except that the list is shortened to the particular category.

3. GetCategoryTree

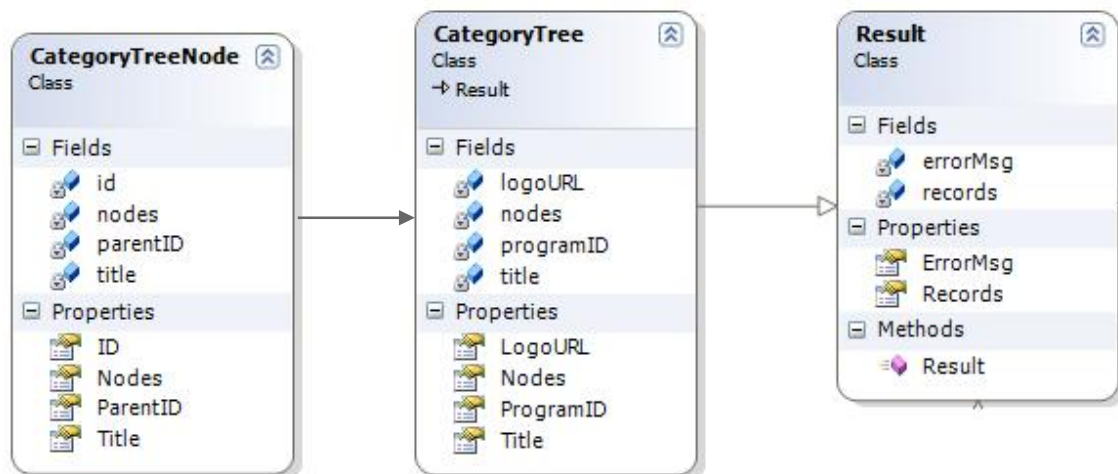
This method can be used to retrieve the categories of an individual shop. The result depicts the hierarchical structure of the categories in the form of a CategoryTree object which contains the

individual branches of the tree structure in a list of CategoryTreeNode objects. A CategoryTreeNode object represents one single category here. A CategoryTreeNode object also contains a list of objects of the same type so that it can depict further subcategories when required.

3.1. Parameters

Parameter	Type	Description
PartnerID	Integer	Your affilinet® PartnerID
Password	String	Your affilinet® Webservice Password
ShopID	Integer	Id of the shop, whose categories should be retrieved

3.2. Return Types



Result

Property	Type	Description
Records	Integer	Number of entries returned
ErrorMsg	String	An error message is returned in this property, if something goes wrong with the request.

CategoryTree

Property	Type	Description
----------	------	-------------

LogoURL	String	URL of the logo of the advertiser
Nodes	CategoryTreeNode	A set of CategoryTreeNode Objects
ProgramID	Integer	ProgramID of the Advertiser
Title	String	Name of the Advertiser

CategoryTreeNode

Property	Type	Description
ID	Integer	ID with which the category is identified
Nodes	CategoryTreeNode	A set of CategoryTreeNode Objects
ParentID	Integer	Parent category ID for this Category
Title	String	Name of the Category

4. GetProductDetail

This method can be used to retrieve detailed information on a specific product. The data available within the context of this offer include the fields "Price" and "DisplayPrice". To display the price on the screen, use the "DisplayPrice" field because this is the type of display requested by the program operator for his product(s). The partner is solely liable for correctly displaying the price(s) on his website. The same is also true for the Shipping Price.

4.1. Parameters

Parameter	Type	Description
PartnerID	Integer	Your affilinet® partner ID
Password	String	Your affilinet® web services password
ProductID	Integer	ID of the product for which details are to be retrieved

4.2. Return Types



Result

Property	Type	Description
Records	Integer	Number of entries returned
ErrorMsg	String	An error message is returned in this property, if something goes wrong with the request.

ProductSearchResult

Property	Type	Description
CurrentPage	Integer	Page number of the listed result
Items	ProductSearchItem	List of ProductSearchItem objects
TotalPages	Integer	Total number of pages returned
TotalRecords	Integer	Total number of records returned

ProductSearchItem

Property	Type	Description
AffilinetCategoryID	Integer	Affilinet Category Id
ArticleNumber	String	The article number of the product
Brand	String	Name of the brand of the product
CategoryPath	String	Comprehensive advertiser - category path to which the product belongs
Currency_Symbol	String	Currency of the price of the product (eg. EUR)
DeepLink1	String	URL with the default DeepLink
DeepLink2	String	URL with the special DeepLink directly leading to the product as provided by the advertiser
Description	String	Detail information on the product
Description_Short	String	Short detail information on the product
Display_Price	String	Price as ready to use string "Prefix + Price + Suffix" (eg. From EUR 25.95 excluding VAT)
DisplayShipping	String	Shipping price ready to use "ShippingPrefix + Shipping + ShippingSuffix" (eg. EUR 4.95 within Germany)
Distributor	String	Name of the distributor of the product
EAN	Integer	European Article number of the product

ID	Integer	ProductID of the product
Image	ProductImage	ProductImage object with default image provided by the advertiser
Image120	ProductImage	ProductImage object with image resized (max. 120 x 120 px)
Image180	ProductImage	ProductImage object with image resized (max. 180 x 180 px)
Image30	ProductImage	ProductImage object with image resized (max. 30 x 30 px)
Image60	ProductImage	ProductImage object with image resized (max. 60 x 60 px)
Image90	ProductImage	ProductImage object with image resized (max. 90 x 90 px)
Keywords	String	Main words which correspond to the search criteria
Manufacturer	String	Name of the manufacturer of the product
MerchantCategoryID	Integer	Id of the Advertiser category
Price	Integer	Price of the product
Price_Old	Integer	Previous price of the product
PricePrefix	String	Prefix to the price (eg. from, upto, etc.)
PriceSuffix	String	Suffix to the price (eg. including, excluding, etc.)
Rank	Integer	Rank based on popularity of the product as provided by the advertiser. If nothing is provided that rank is always 0
Shipping	Integer	Shipping cost of the product
ShippingPrefix	String	Prefix to the Shipping cost (eg. from, upto, etc.)
ShippingSuffix	String	Suffix to the Shipping cost (eg. including, excluding, etc.)
ShopInformation	ShopInfo	List of ShopInfo Objects
Title	String	Name of the product
Valid_From	String	The product is available from this given date
Valid_To	String	The product is available till this given date

ProductImage

Property	Type	Description
Height	Integer	Height of the image being returned
ImageURL	String	URL of the image of the product / Advertiser
Width	Integer	Width of the image being returned

ShopInfo

Property	Type	Description
Logo120	ProductImage	ProductImage object with image resized (max. 120 x 40 px)
Logo150	ProductImage	ProductImage object with image resized (max. 150 x 50 px)
Logo468	ProductImage	ProductImage object with default logo of the advertiser (max. height 60 px)
Logo50	ProductImage	ProductImage object with image resized (max. 50 x 18 px)
Logo90	ProductImage	ProductImage object with image resized (max. 90 x 31 px)
ProgramID	Integer	ProgramID of the advertiser
ShopID	Integer	Advertiser's ID
ShopListName	String	Name of the product list to which the product belongs to (in cases where advertisers have more than one list)
ShopName	String	Name of the Advertiser
ShopURL	String	Default URL of the Advertiser

5. GetProducts

This function returns product information for a list of specified product IDs. The presentation type can be set. If 'detailed presentation' is not set, this considerably reduces the quantity of data transferred and therefore speeds up the search. The data available within the context of this offer include the fields

"Price" and "DisplayPrice". To display the price on the screen, use only the "DisplayPrice" field because this is the type of display requested by the program operator for his product(s). The partner is solely liable for correctly displaying the price(s) on his website. The same is also true for the Shipping Price.

5.1. Parameters

Parameter	Type	Description
PartnerID	Integer	Your affilinet® partner ID
Password	String	Your affilinet® web services password
Products	String	List of product IDs, separated by commas (,)
ShowDetail	Boolean	States whether the detailed view of product results is required
ImageSize	Integer	If the previous parameter is set to 'false', the required image size can be set here.
Page	Integer	States which page should be displayed
PageSize	Integer	States the size of a result page
OrderBy	String	States by which field the results should be ordered (Price,Title,Rank)
OrderDirection	Integer	States the required order direction of the results (1=ascending, 2=descending, 3=random)

5.2. Return Types

Please check the data structure of [GetProductDetails](#)

6. GetShopList

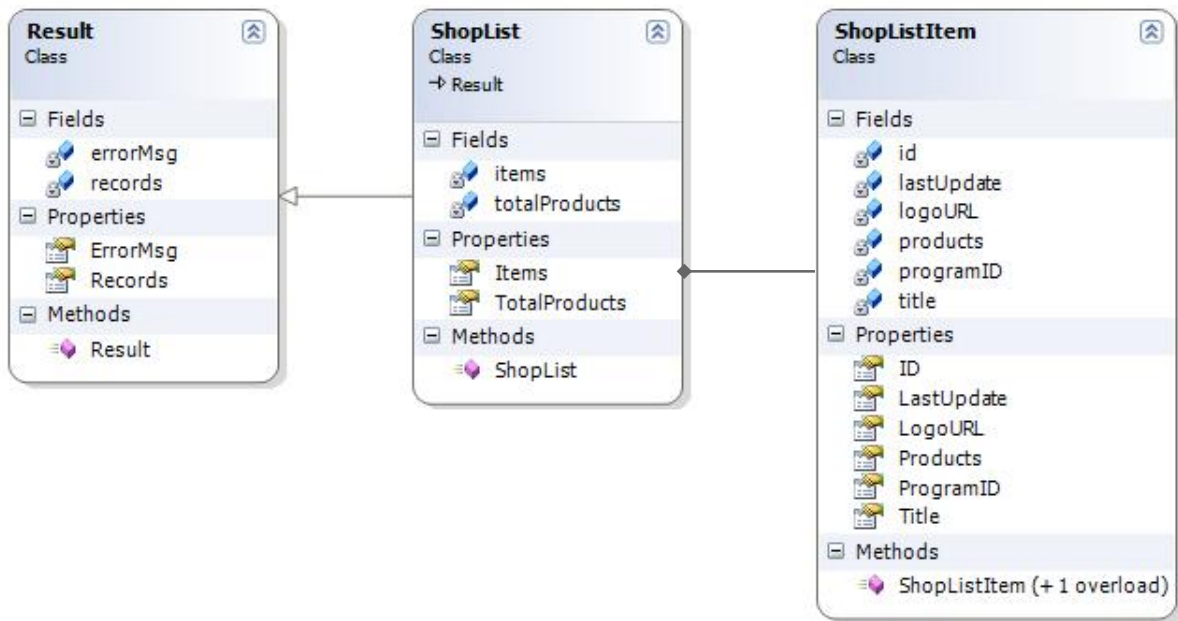
This method returns all shops activated for the partner. The ShopList object contains a list of ShopListItem objects containing information about individual shops.

6.1. Parameters

Parameter	Type	Description
PartnerID	Integer	Your affilinet® PartnerID

Password	String	Your affilinet® Webservises Password
-----------------	---------------	--------------------------------------

6.2. Result Types



Result

Property	Type	Description
Records	Integer	Number of entries returned
ErrorMsg	String	An error message is returned in this property, if something goes wrong with the request.

ShopList

Property	Type	Description
Items	ShopListItem	A list of ShopListItem objects
TotalProducts	Integer	Total number of products found

ShopListItem

Property	Type	Description
ID	Integer	ID of the advertiser
LastUpdate	String	Date when the product list was last updated
LogoURL	String	URL of the logo of the advertiser
Products	Integer	Number of products found for this advertiser
ProgramID	Integer	ProgramID of the advertiser
Title	String	Name of the advertiser

7. SearchProducts

This method can be used to search individual shops for products. It is also possible to search the whole affilinet® product database. The data available within the context of this offer include the fields "Price" and "DisplayPrice". To display the price on the screen, use only the "DisplayPrice" field because this is the type of display requested by the program operator for his product(s). The partner is solely liable for correctly displaying the price(s) on his website. The same is also true for the Shipping Price.

7.1. Parameters

Parameter	Type	Description
PartnerID	Integer	Your affilinet® PartnerID
Password	String	Your affilinet® Webservices Password
ShopID	String	ID of the shops with categories to be retrieved
Keywords	String	List of search terms (words which appear first will be given higher weight to search for a relevant match)
WithImgOnly	Boolean	States whether only results with product images should be shown
ShowDetail	Boolean	States whether the detailed view of product results is required
ImageSize	Integer	If the previous parameter is set to 'false', the required image size can be set here.

Page	Integer	States which page should be displayed
PageSize	Integer	States the size of a result page
PriceMin	String	Minimum price in the search results
PriceMax	String	Maximum price in the search results
OrderBy	String	States by which field the results should be ordered (Price, Title, Rank)
OrderDirection	Integer	States the required order direction of the results (1=ascending, 2=descending, 3=random)

7.2. Return Types

Please check the data structure of [GetProductDetails](#)

8. SearchProductsInCategories

This method can be used to search for products in several categories. It can also be stated whether the specified category is an affilinet® category. The data available within the context of this offer include the fields "Price" and "DisplayPrice". To display the price on the screen, use only the "DisplayPrice" field because this is the type of display requested by the program operator for his product(s). The partner is solely liable for correctly displaying the price(s) on his website. The same is also true for the Shipping Price.

8.1. Parameters

Parameter	Type	Description
PartnerID	Integer	Your affilinet® PartnerID
Password	String	Your affilinet® Webservices password
ShopID	String	ID of the shops with categories to be retrieved (separated by ,)
CategoryID	Integer	ID of the category to search in (separated by ,)
IncludeChildNodes	Boolean	True or False, if products contained in child nodes are expected or not
UseAffilinetCategories	Boolean	True or False, if affilinet categories are to be used or not

Keywords	String	List of search terms (syntax, see above)
WithImgOnly	Boolean	States whether only results with product images should be displayed
ShowDetail	Boolean	States whether the detailed view of product results is required
ImageSize	Integer	If the previous parameter is set to 'false', the required image size can be set here.
Page	Integer	States which page should be displayed
PageSize	Integer	States the size of a result page
PriceMin	String	Minimum price in the search results
PriceMax	String	Maximum price in the search results
OrderBy	String	States by which field the results should be ordered (Price, Title, Rank)
OrderDirection	Integer	States the required order direction of the results (1=ascending, 2=descending, 3=random)

8.2. Return Types

Please check the data structure of [GetProductDetails](#)

9. searchProductsInCategory

This method can be used to find products within a specific category. It is also possible to define whether all subcategories should be searched or only the one specified. It can also be stated whether the specified category is an affilinet® category. The data available within the context of this offer include the fields "Price" and "DisplayPrice". To display the price on the screen, use only the "DisplayPrice" field because this is the type of display requested by the program operator for his product(s). The partner is solely liable for correctly displaying the price(s) on his website. The same is also true for the Shipping Price.

9.1. Parameters

Parameter	Type	Description
PartnerID	Integer	Your affilinet® partner ID
Password	String	Your affilinet® web services password
ShopID	String	ID of the shops with categories to be retrieved
Categories	String	ID of the category to be searched separated by comma (,).
UseAffilinetCategories	Boolean	States whether the specified category is an affilinet® category®
Keywords	String	List of search terms
WithImgOnly	Boolean	States whether only results with product images should be displayed
ShowDetail	Boolean	If the previous parameter is set to 'false', the required image size can be set here
ImageSize	Integer	If the previous parameter is set to 'false', the required image size can be set here
Page	Integer	States which page should be displayed
PageSize	Integer	States the size of a result page
PriceMin	String	Minimum price in the search results
PriceMax	String	Maximum price in the search results
OrderBy	String	States by which field the results should be ordered
OrderDirection	Integer	States the required order direction of the results

9.2. Return Types

Please check the data structure of [GetProductDetails](#)