AUTOSCOUT24 COMMON WEBSERVICES

– Technical Documentation –

"LOOKUP" WEB SERVICE

VERSION HISTORY

Version / Date	Author	Service Revision	Description
1.0 / 28.05.2010	Daniel Eštok, Dmytro Deriugin		Initial document
...	...	...	...
1.1 / 11.02.2011	Daniel Adler		Documentation Update and restructuring
1.2 / 28.02.2011	Andreas Schmiedel	1	Added Support for vehicle type moto; Intoroduction of contract revisioning

Technical Documentation Common Webservices

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AutoScout24 Common Webservices

About this Document

This document describes the AutoScout24 Common Webservices. Those web services are ought to represent the complete graphical interface from AutoScout24 as an abstract data layer, providing a way for implementers to use the existing data sources with a fully customizable user interface.

For further information/appendix (e.g. properties and values), please see: **CWS_General_Information.docx**

Webservice Locations

AutoScout24 web services are usually packaged, that means two services and their methods can be accessed by using only one URL. Therefore, web service endpoints are package specific. The relevant endpoints will be handed out by AutoScout24 together with a user authorization and along with this documentation.

Updated WSDLs

To generate the newest WSDL (always recommended!), please use one of the previously mentioned Webservice locations on the web and attach the "?wsdl"-Parameter after the url, here's a sample for the lookup-service:

http://whateverlocation.com/webservice.svc?wsdl

This will provide you the newest WSDL Definition for the Webservice that was just called.

Reading webservices

Lookup Webservice V06

Purpose

The lookup web service holds methods returning various enumeration lists. These lists are commonly used in drop-downs and are usually represented by some name-value collection.

Exported enumerations

Lookup service returns following enumerations:

- category

- body_color

- body

- country

- culture

- currency

- customer_type

- equipment

- fraud_reason

- fuel

- gearing

- body_painting

- seal

- seal_class

- service

- phonenumber_type

- emission_class

- emission_sticker

- brand

- model_line

- model

Classes

GetLookupDataRequest

PURPOSE

This class is used within the GetLookupData method call as an input parameter.

MEMBERS

Name	Type	Description	Remarks
Controlling Members			
culture_id	string	The RFC 1766 culture code.	e.g. 'de-DE'
profile_id	string	An ID which has been given to you in order to use this web service.	If not specified or invalid, your request will return an error; e.g. 'CPCMS_DE'
revision	int	Service Contract Revision. If set to other than 0, optional request parameters that have been introduced in up to this specified revision will be evaluated. Optional response parameters will be included accordingly.	0 or 1

Data Members			
vehicle_type_id	string	If revision is set to 1, this tag indicates whether to receive lookup values for cars or motorbikes.	'B' or 'C' (revision must be set to 1)

GetLookupDataResponse

PURPOSE

This class is used within the GetLookupData method as an output parameter. It consists of a list of elements holding all the enumeration items at once.

MEMBERS

Name	Type	Description	Remarks
Controlling Members			
request_id	string	Auto generated ID of each response. This is provided in order to have a unique identification of a response in case it's needed in some discussions/troubleshooting etc.	e.g. 'f02aa533-fd47-4235-bec0-7903f82090b8'
status	string	An enumeration of a status of the web service call. It can either be 'OK' meaning a call was successful or something else meaning it wasn't.	For a detailed list of statuses, please refer to appendix
errors/error/code	string	ID of an error in a string format. String format is used instead of a numerical one in order to have more descriptive & human readable errors.	e.g. 'NothingFound'
errors/error/message	string	Description of an error.	e.g. 'No results match your

			search criteria.'
build/number	string	Build version number of a service. Used to identify the version of a currently running service.	e.g. 2.1.0.74
build/time_stamp/runtime	string	Last modification date & time of runtime assembly DLL file. Used to identify the date when the runtime of a service was build.	e.g. 26.05.2010 00:43:51
build/time_stamp/service	string	Last modification date & time of service assembly DLL file. Used to identify the date when the service was build.	e.g. 26.05.2010 00:44:54
Data Members			
stx3_idpool/elements/element /name	string	Name of an enumeration list to which this item belongs.	e.g. 'body_color'
stx3_idpool/elements/element /id	string	ID of an enumeration item.	e.g. '3'
stx3_idpool/elements/element /text	string	Name of an enumeration item.	e.g. 'Brown'

GetMakeModelTreeRequest

PURPOSE

This class is used within the GetMakeModelTree method call as an input parameter. It affects which part of make-model tree is returned in the response.

MEMBERS

Name	Type	Description	Remarks
Controlling Members			
culture_id	string	The RFC 1766 culture code.	e.g. 'de-DE'
profile_id	string	An ID which has been given to you in order to use this web service.	If not specified or invalid, your request will return an error; e.g. 'CPCMS_DE'
revision	int	Service Contract Revision. If set to other than 0, optional request parameters that have been introduced in up to this specified revision will be evaluated. Optional response parameters will be included accordingly.	0 or 1
Data Members			
dealer_id	int	If specified only the makes & models of cars inserted by this dealer are returned.	e.g. '3456'
as24_customer_id	string	This is just another ID of a dealer (AutoScout specific) - the logic is thus the same as for dealer ID. In case both IDs (dealer & customer) are provided, dealer ID takes precedence and this field is simply skipped.	e.g. '1765'
group_id	int	If specified only the makes & models of cars inserted by dealers belonging to the given group are returned.	e.g. '3'
vehicle_type_id	string	If revision is set to 1, this tag indicates whether to receive lookup values for cars or motorbikes.	'B' or 'C' (revision must be set to 1)

Dealer, customer & group ID are all optional parameters. In case none of them is provided, all makes & models are returned. What happens if just one of them is available is shown in the table above. In case 2 or more are specified,

dealer ID is always taken first (meaning other 2 fields are not taken into account), customer ID is used only if dealer ID is not present & group ID is used only if both customer and dealer IDs are missing.

GetMakeModelTreeResponse

PURPOSE

This class is used within the GetMakeModelTree method as an output parameter. It consists of a list of nodes holding all the makes and models in a tree structure.

Members

Name	Type	Description	Remarks
Controlling Members			
request_id	string	Auto generated ID of each response. This is provided in order to have a unique identification of a response in case it's needed in some discussions/troubleshooting etc.	e.g. 'f02aa533-fd47-4235-bec0-7903f82090b8'
status	string	An enumeration of a status of the web service call. It can either be 'OK' meaning a call was successful or something else meaning it wasn't.	For a detailed list of statuses, please refer to appendix
errors/error/code	string	ID of an error in a string format. String format is used instead of a numerical one in order to have more descriptive & human readable errors.	e.g. 'NothingFound'
errors/error/message	string	Description of an error.	e.g. 'No results match your search criteria.'
build/number	string	Build version number of a service. Used to identify the version of a	e.g. 2.1.0.74

		currently running service.	
build/time_stamp/runtime	string	Last modification date & time of runtime assembly DLL file. Used to identify the date when the runtime of a service was build.	e.g. 26.05.2010 00:43:51
build/time_stamp/service	string	Last modification date & time of service assembly DLL file. Used to identify the date when the service was build.	e.g. 26.05.2010 00:44:54
Data Members			
stx3_idpool/nodes/node/name	string	Name of an enumeration list to which this item belongs. It's either a brand, model line or a model.	e.g. 'brand'
stx3_idpool/nodes/node/id	string	ID of an enumeration item.	e.g. '13'
stx3_idpool/nodes/node/text	string	Name of an enumeration item.	e.g. 'BMW'

Public Methods

GetLookupData

This method returns a list of enumerations used throughout AS24 web application & data model (like various types of fuel, gearing, brands, models etc).

Parameters

> GetLookupDataRequest a request object

Return

> GetLookupDataResponse a list of enumerations

GetMakeModelTree

This method returns a list of makes & models stored in a tree structure.

Parameters

GetMakeModelTreeRequest a request object

Return

GetMakeModelTreeResponse a make-model tree