

# AUTOScout24 COMMON WEBSERVICES

– Technical Documentation –

## “SEARCH” 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
1.3/ 30.07.2012	Tihomir Brkljaca		Documentation update - Added revision 3 for/and new data fields (last_technical service, last_change_cam_belt, interior_color, negotiable, transmission, covering, alloy_wheels_size, (youtube link video) uri).

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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

### Search Webservice V05

#### Purpose

The purpose of this Webservice is to allow seeking through all available Vehicles within the AutoScout24 Data Storages including the use of complex search queries as well as retrieving detailed information about a single Vehicle. The search Webservice does completely replicate the functionality available on the AutoScout24 Website and is fully compliant with STx3 specification.

#### Naming Conventions

Within the Search Webservice, the vehicles are aliased as Articles which mainly affects all naming conventions of the classes, structures, entities and methods within the Webservice.

#### Classes

#### FindArticlesRequest

#### PURPOSE

This class keeps all properties required to trigger a new search. It is used within the FindArticles method as an input parameter.

Name	Type	Description	Range
Controlling Members			
<b>session_id</b>	Guid?	An unique id for the current session within the webservice to keep correct track of the session data used for this webservice	Can be filled up with an existing session guid or left empty to let the webservice create a new id and return it after the method call

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>profile_id</b>	String	Your profile id that you've been given to use this web service	If this is not given or if this value is invalid, the search won't be performed and just return an error
<b>culture_id</b>	string	The RFC 1766 culture code	
<b>revision</b>	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
<b>vehicle_search_parameters/paging/current_page</b>	int?	The Current Page you want to view. This value is also dependant on the previous members. To calculate the number of pages available just divide the returned result count with your <a href="#">results_per_page</a>  SEE ALSO About Document->Paging System	The page count does always begin with one, so that if you provide 1 to this parameter, it shows the first page, 2 for the second page and so on. A value of zero is invalid.
<b>vehicle_search_parameters/paging/results_per_page</b>	int?	The number of results you want to receive per page (see also next member current page)  SEE ALSO About Document->Paging System	Without a limit at this point though you are strongly encouraged to give the lowest number you can give to keep the returned SOAP XML as small as possible

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>vehicle_search_parameters/sorting/key</b>	string	Specifies the column you want to sort for	Keys: <ul style="list-style-type: none"> <li>• age (sort by article age)</li> <li>• artnum (sort by article number)</li> <li>• body_colorgroup_id (sort by color)</li> <li>• price_dealer (sort by dealeprice)</li> <li>• fuel_id (sort by fuel)</li> <li>• hits (sort by hits)</li> <li>• leasingfinance (sort by leasing pirce)</li> <li>• brand_id (sort by make)</li> <li>• mileage (sort by mileage)</li> <li>• kilowatt (sort by kilowatt power)</li> <li>• pubstart (sort by insertion start)</li> <li>• year (sort by day of registration)</li> <li>• zip (sort by zip code)</li> </ul>
<b>vehicle_search_parameters/sorting/descending</b>	bool?	Specifies the sorting direction. This member does only have an effect if an sorting_key has been provided	If "true", results will be sorted in descending order. If "false" they'll be sorted by ascending order
<b>vehicle_search_parameters/sorting/first_brand_id</b>	int?	An ID of a make that will be the first one in the results, no matter of any additional sorting parameters	For a detailed list of makes, please refer to appendix
<b>Data Members</b>			
<b>vehicle_search_parameters</b>	Class	Search parameters	ArticleSearchParameters

## GetArticleDetailsRequest

### PURPOSE

This class holds all input parameters for the GetArticleDetails method call.

### MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>culture_id</b>	string	The RFC 1766 culture code	
<b>profile_id</b>	string	Your profile id that you've been given to use this web service	If this is not given or if this value is invalid, the search won't be performed and just return an error
<b>revision</b>	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 - 3
<b>Data Members</b>			
<b>vehicle_id</b>	string	The article id you want to get details of	This id may have to be encrypted, depending on your ProfileId

### SEE ALSO

GetArticleDetails



### FindArticlesByOwnerRequest

#### PURPOSE

This class holds all input parameters for the FindArticlesByOwner method call.

#### MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>culture_id</b>	string	The RFC 1766 culture code	
<b>profile_id</b>	string	Your profile id that you've been given to use this web service	If this is not given or if this value is invalid, the search won't be performed and just return an error
<b>revision</b>	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
<b>Data Members</b>			
<b>dealer_id</b>	string	The dealer id you want to get articles of	
<b>last_change</b>	DateTime	The maximum date change date of articles to search for	
<b>last_change_images</b>	DateTime	The maximum date change date of images in articles to search for	

### SEE ALSO

FindArticlesByOwner

### GetCustomerArticleListRequest

### PURPOSE

This class holds all input parameters for the GetCustomerArticleList method call.

### MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>culture_id</b>	string	The RFC 1766 culture code	
<b>profile_id</b>	string	Your profile id that you've been given to use this web service	If this is not given or if this value is invalid, the search won't be performed and just return an error
<b>revision</b>	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
<b>user/username</b>	String	AutoScout's user name. Used for authentication & authorization in order to verify that a certain user is allowed to access the requested operation on a selected vehicle.	

Name	Type	Description	Range
<b>user/password</b>	string	AutoScout's password. Used for authentication & authorization in order to verify that a certain user is allowed to access the requested operation on a selected vehicle.	
<b>Data Members</b>			
<b>vehicle_search_parameters</b>	Class	Search parameters	DemandDataSearchParameters

## SEE ALSO

GetCustomerArticleList

## GetCustomerArticleDetailsRequest

## PURPOSE

This class holds all input parameters for the GetCustomerArticleDetails method call.

## MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>culture_id</b>	string	The RFC 1766 culture code	

<b>profile_id</b>	<b>string</b>	Your profile id that you've been given to use this web service	If this is not given or if this value is invalid, the search won't be performed and just return an error
<b>revision</b>	<b>int</b>	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 - 3
<b>user/username</b>	<b>String</b>	AutoScout's user name. Used for authentication & authorization in order to verify that a certain user is allowed to access the requested operation on a selected vehicle.	
<b>user/password</b>	<b>string</b>	AutoScout's password. Used for authentication & authorization in order to verify that a certain user is allowed to access the requested operation on a selected vehicle.	
<b>Data Members</b>			
<b>vehicle_id</b>	<b>string</b>	The article id you want to get details of	This id may have to be encrypted, depending on your ProfileId

## SEE ALSO

GetCustomerArticleDetails

## SendContactMessageRequest

### PURPOSE

This class holds all input parameters for the SendContactMessage method call.

### MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>culture_id</b>	string	The RFC 1766 culture code	
<b>profile_id</b>	string	Your profile id that you've been given to use this web service	If this is not given or if this value is invalid, the search won't be performed and just return an error
<b>revision</b>	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
<b>Data Members</b>			
<b>vehicle_id</b>	string	The article id	This id may have to be encrypted, depending on your ProfileId
<b>comments</b>	string	Further comments (body) in the message.	
<b>email</b>	string	Email	
<b>name</b>	string	Name	

Name	Type	Description	Range
<b>phonenumber</b>	string	Phone number of an user who wants to send the message.	
<b>send_confirmation</b>	bool	Indicates if the contact confirmation message should be sent to the person who found the article.	

## SEE ALSO

GetCustomerArticleDetails

## FindArticlesResponse

### PURPOSE

This class keeps track of all found articles after a FindArticles method call.

### MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>session_id</b>	Guid	An unique id for the current session within the webservice to keep correct track of the session data used for this webservice	If the initial SessionId given to the method call has been empty, this contains a newly created session-id, otherwise this field contains the original session-id that has been given to the method call

Name	Type	Description	Range
<b>request_id</b>	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.	
<b>status</b>	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
<b>errors/error/code</b>	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.	
<b>errors/error/message</b>	string	Description of an error.	
<b>used_search_parameters</b>	Class	The original input that has been given to the initial method call when initiating it	ArticleSearchParameters
<b>build/number</b>	string	Build version number of a service. Used to identify the version of a currently running service.	e.g. 2.1.0.74
<b>build/time_stamp/runtime</b>	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
<b>build/time_stamp/service</b>	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
<b>Data Members</b>			
<b>vehicles_found</b>	int	The number of articles that have been found	

Name	Type	Description	Range
<b>root_paths/images_thumbnails</b>	string	The root of the Thumbnail (size: 60x45)	
<b>root_paths/images_main</b>	string	The root of the image (size: 250x188)	
<b>root_paths/images_small</b>	string	The root of the small image (size: 20x90)	
<b>root_paths/images_big</b>	string	The root of the big image (max. size: 640x480)	
<b>root_paths/as24_url_root</b>	string	The root to the AS24 Detailpage	
<b>vehicles</b>	List of ArticleListitem	All found articles including their info	See also vehicles_found

## GetArticleDetailsResponse

### PURPOSE

This class keeps track of all detailed information on a single article returned by GetArticleDetails

### MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>request_id</b>	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.	



Name	Type	Description	Range
<b>status</b>	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 possible status values, please refer to appendix
<b>errors/error/code</b>	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.	
<b>errors/error/message</b>	string	Description of an error.	
<b>build/number</b>	string	Build version number of a service. Used to identify the version of a currently running service.	e.g. 2.1.0.74
<b>build/time_stamp/runtime</b>	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
<b>build/time_stamp/service</b>	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
<b>Data Members</b>			
<b>vehicle</b>	Class	Found vehicle information.	ArticleDetailItem
<b>root_paths/images_thumbnails</b>	string	The root of the Thumbnail (size: 60x45)	
<b>root_paths/images_main</b>	string	The root of the main image (size: 250x188)	

Name	Type	Description	Range
<b>root_paths/images_small</b>	string	The root of the small image (size: 120x90)	
<b>root_paths/images_big</b>	string	The root of the big image (max. size:640x480)	
<b>root_paths/as24_url_root</b>	string	The root to the AS24 Detailpage	

## FindArticlesByOwnerResponse

### PURPOSE

This class keeps track of all found articles after a FindArticlesByOwner method call.

### MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>session_id</b>	Guid	An unique id for the current session within the webservice to keep correct track of the session data used for this webservice	If the initial SessionId given to the method call has been empty, this contains a newly created session-id, otherwise this field contains the original session-id that has been given to the method call
<b>request_id</b>	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.	

Name	Type	Description	Range
<b>status</b>	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
<b>errors/error/code</b>	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.	
<b>errors/error/message</b>	string	Description of an error.	
<b>build/number</b>	string	Build version number of a service. Used to identify the version of a currently running service.	e.g. 2.1.0.74
<b>build/time_stamp/runtime</b>	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
<b>build/time_stamp/service</b>	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
<b>Data Members</b>			
<b>vehicles_found</b>	int	The number of articles that have been found	
<b>root_paths/images_thumbnails</b>	string	The root of the Thumbnail (size: 60x45)	
<b>root_paths/images_main</b>	string	The root of the image (size: 250x188)	

Name	Type	Description	Range
<b>root_paths/images_small</b>	string	The root of the small image (size: 20x90)	
<b>root_paths/images_big</b>	string	The root of the big image (max. size: 640x480)	
<b>root_paths/as24_url_root</b>	string	The root to the AS24 Detailpage	
<b>group/dealerships/branches/branch/address/name</b>	string	The company name	
<b>Vehicles</b>	List of ExportItem	All found articles including their info	See also vehicles_found

## GetCustomerArticleListResponse

### PURPOSE

This class keeps track of all found articles after a GetCustomerArticleList method call.

### MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>request_id</b>	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.	

Name	Type	Description	Range
<b>status</b>	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
<b>errors/error/code</b>	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.	
<b>errors/error/message</b>	string	Description of an error.	
<b>used_search_parameters</b>	Class	The original input that has been given to the initial method call when initiating it	<a href="#">DemandDataSearchParameters</a>
<b>build/number</b>	string	Build version number of a service. Used to identify the version of a currently running service.	e.g. 2.1.0.74
<b>build/time_stamp/runtime</b>	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
<b>build/time_stamp/service</b>	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
<b>Data Members</b>			
<b>vehicles_found</b>	int	The number of articles that have been found	
<b>root_paths/images_thumbnail</b>	string	The root of the Thumbnail (size: 60x45)	

Name	Type	Description	Range
<b>root_paths/images_main</b>	string	The root of the image (size: 250x188)	
<b>root_paths/images_small</b>	string	The root of the small image (size: 20x90)	
<b>root_paths/images_big</b>	string	The root of the big image (max. size: 640x480)	
<b>root_paths/as24_url_root</b>	string	The root to the AS24 Detailpage	
<b>vehicles</b>	List of DemandDataListItem	All found articles including their info	See also vehicles_found

## GetCustomerArticleDetailsResponse

### PURPOSE

This class keeps track of all detailed information on a single article returned by GetCustomerArticleDetails.

### MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>request_id</b>	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.	
<b>status</b>	string	An enumeration of a status of the web service call. It can either be 'OK' meaning a call was successful or	For a detailed list of possible status values,

Name	Type	Description	Range
		something else meaning it wasn't.	please refer to appendix
<b>errors/error/code</b>	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.	
<b>errors/error/message</b>	string	Description of an error.	
<b>build/number</b>	string	Build version number of a service. Used to identify the version of a currently running service.	e.g. 2.1.0.74
<b>build/time_stamp/runtime</b>	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
<b>build/time_stamp/service</b>	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
<b>Data Members</b>			
<b>vehicle</b>	Class	Found vehicle information.	DemadDataDetailItem
<b>root_paths/images_thumbnails</b>	string	The root of the Thumbnail (size: 60x45)	
<b>root_paths/images_main</b>	string	The root of the main image (size: 250x188)	
<b>root_paths/images_small</b>	string	The root of the small image (size: 120x90)	
<b>root_paths/images_big</b>	string	The root of the big image (max. size:640x480)	
<b>root_paths/as24_url_root</b>	string	The root to the AS24 Detailpage	

## SendContactMessageResponse

### PURPOSE

This class keeps track of all detailed information on a single article returned by SendContactMessage

### MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>request_id</b>	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.	
<b>status</b>	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 possible status values, please refer to appendix
<b>errors/error/code</b>	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.	
<b>errors/error/message</b>	string	Description of an error.	
<b>build/number</b>	string	Build version number of a service. Used to identify the version of a currently running service.	e.g. 2.1.0.74
<b>build/time_stamp/runtime</b>	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
<b>build/time_stamp/service</b>	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



### Entities

#### ArticleSearchParameters

Used within:

FindArticlesRequest

#### MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>paging/results_per_page</b>	int?	<p>The number of results you want to receive per page (see also next member current page)</p> <p>SEE ALSO <a href="#">About Document-&gt;Paging System</a></p>	Without a limit at this point though you are strongly encouraged to give the lowest number you can give to keep the returned SOAP XML as small as possible
<b>paging/current_page</b>	int?	<p>The Current Page you want to view. This value is also dependant on the previous members. To calculate the number of pages available just divide the returned result count with your <a href="#">results_per_page</a></p> <p>SEE ALSO <a href="#">About Document-&gt;Paging System</a></p>	The page count does always begin with one, so that if you provide 1 to this parameter, it shows the first page, 2 for the second page and so on. A value of zero is invalid.

Name	Type	Description	Range
<b>sorting/key</b>	string	Specifies the column you want to sort for	Keys: <ul style="list-style-type: none"> <li>• age (sort by article age)</li> <li>• artnum (sort by article number)</li> <li>• body_colorgroup_id (sort by color)</li> <li>• price_dealer (sort by dealeprice)</li> <li>• fuel_id (sort by fuel)</li> <li>• hits (sort by hits)</li> <li>• leasingfinance (sort by leasing price)</li> <li>• brand_id (sort by make)</li> <li>• mileage (sort by mileage)</li> <li>• kilowatt (sort by kilowatt power)</li> <li>• pubstart (sort by insertion start)</li> <li>• year (sort by day of registration)</li> <li>• zip (sort by zip code)</li> </ul>
<b>sorting/descending</b>	bool?	Specifies the sorting direction. This member does only have an effect if an sorting_key has been provided	If "true", results will be sorted in descending order. If "false" they'll be sorted by ascending order
<b>sorting/first_brand_id</b>	int?	An ID of a make that will be the first one in the results, no matter of any additional sorting parameters	<a href="#">For a detailed list of makes, please refer to appendix</a>
<b>Data Members</b>			
<b>group_id</b>	int?	The group id that groups a set of dealers together, like for example, dealers that are selling the same types of cars are grouped together	Non public values, if you require this feature you may need to contact AutoScout24 to request the required group ids
<b>as24_customer_id</b>	string	Retrieves results related to a specific AS24 customer id, regardless of whether it belongs to a dealer or private user.	The ID is delivered as string, it may be encrypted depending on the profile id

Name	Type	Description	Range
<b>dealer_id</b>	int?	The seller id which uniquely identifies the Dealer when performing a B2B dealer search	
<b>brands/brand_id</b>	List (int)	A list of none, one or multiple number of make identifiers to search for	For a detailed list of makes, please refer to appendix
<b>models/model_id</b>	List(int)	A list of none, one or multiple number of model identifiers to search for (take care that models do depend on the make(s))	For a detailed list of models, please use the lookup-service
<b>model_lines/ model_line_id</b>	List(int)	A list of none, one or multiple number of model-line identifiers to search for (take care that models do depend on the make(s))	For a detailed list of model-lines, please refer to appendix
<b>version</b>	string	The version of the model	
<b>fuel_types/fuel_type_id</b>	List(string)	A list of none, one or multiple number of fuels to search for	
<b>body_types/ body_type_id</b>	List(string)	A list of vehicle build type ids to search for	
<b>gearing_types/ gearing_type_id</b>	List(string)	A list of gear types to search for	
<b>kilowatt/from</b>	decimal?	Minimum power rating the results must have	Unit is kW
<b>kilowatt/to</b>	decimal?	Maximum power rating the results may have	Unit is kW

Name	Type	Description	Range
<b>initial_registration/from</b>	<a href="#">DateTime</a> <a href="#">?</a>	Earliest date of registration the results must have	
<b>initial_registration/to</b>	<a href="#">DateTime</a> <a href="#">?</a>	Latest date of registration the results may have	
<b>mileage/from</b>	<a href="#">int</a> <a href="#">?</a>	The minimum mileage the results must have	Unit is km
<b>mileage/to</b>	<a href="#">int</a> <a href="#">?</a>	The maximum mileage the results may have	Unit is km
<b>body_colourgroups/ body_colourgroup_id</b>	<a href="#">List(int)</a>	A list of vehicle exterior Colour ids to search for	<a href="#">For a detailed list of body colours, please refer to appendix</a>
<b>body_paintings/ body_painting_id</b>	<a href="#">List(string)</a>	A list of paint type keys to include in the search	<a href="#">For a detailed list of paint-type keys, please refer to appendix</a>
<b>accident_free</b>	<a href="#">bool</a> <a href="#">?</a>	Usage state of vehicle to include in the search.	<p>If parameter is True all usage states will be included into resultset, new and used vehicles will be found otherwise.</p> <p>If parameter is not present the filter is ignored.</p>
<b>price_public/from</b>	<a href="#">decimal</a> <a href="#">?</a>	The minimum pricing the search results must have	Unit is Euro
<b>price_public/to</b>	<a href="#">decimal</a> <a href="#">?</a>	The maximum pricing the search results may have	Unit is Euro
<b>price_dealer/from</b>	<a href="#">decimal</a> <a href="#">?</a>	Minimum price of the vehicle, if sold to a dealer	Unit is Euro

Name	Type	Description	Range
<b>price_dealer/to</b>	decimal?	Maximum price of the vehicle, if sold to a dealer	Unit is Euro
<b>price_public/vat_type_id</b> <b>price_dealer/vat_type_id</b>	bool?	Filter whether the VAT on the vehicle can be itemized for tax purposes	
<b>financing/rate_value/from</b> <b>leasing/rate_value/from</b>	decimal?	The minimum monthly leasing rate	
<b>financing/rate_value/to</b> <b>leasing/rate_value/to</b>	decimal?	The maximum monthly leasing rate	
<b>financing/initial_payment_value/from</b> <b>leasing/initial_payment_value/from</b>	decimal?	Minimum financing deposit for a vehicle.	
<b>financing/initial_payment_value/to</b> <b>leasing/initial_payment_value/to</b>	decimal?	Maximum financing deposit for a vehicle	
<b>financing/eff_rate_of_interest/to</b> <b>leasing/eff_rate_of_interest/to</b>	decimal?	Maximum interest rate for a financing agreement	
<b>financing/ending_rate_value/from</b> <b>leasing/ending_rate_value/from</b>	decimal?	Minimum amount of a financing agreements last installment payment	

Name	Type	Description	Range
<b>financing/ending_rate_value/to</b>	decimal?	Maximum amount of a financing agreements last installment payment	
<b>leasing/ending_rate_value/to</b>			
<b>financing/duration/from</b>	int?	Minimum duration of vehicle financing in months	
<b>leasing/duration/from</b>			
<b>financing/duration/to</b>	int?	Maximum duration of vehicle financing in months	
<b>leasing/duration/to</b>			
<b>countries/country_id</b>	List (string)	A list of country ids the vehicle results may be located in	Germany has the country code "D", other countries do follow a similar scheme.  For a detailed list of country ids, please refer to appendix
<b>zip_search/zip_country</b>	string	The country of the center-point (zip code) of a postal code radius search.	
<b>zip_search/radius</b>	int?	Maximum radius in kilometre around a vehicles location for a postal code radius search	
<b>zip_search/zip_code</b>	string	The center point (zip code) of a postal code radius search	
<b>equipments/equipment_id</b>	List(int)	A list of equipment feature-ids owned by a vehicle	
<b>seal_classes/seal_class_id</b>	List(int)	List of seal class ids that vehicle results must have	

Name	Type	Description	Range
<b>seal_types/seal_type_id</b>	List(int)	Not in use!	
<b>seals/seal_id</b>	List(int)	A list of seal ids that must be issued to a vehicle	
<b>availability/begin/from</b>	int?	A maximum age a vehicle included in the search may have, in terms of the vehicles advertisement in the Autoscout database	Unit is days
<b>show_dealer_vehicles</b>	bool?	Include only dealer articles in the search	
<b>show_private_vehicles</b>	bool?	Include only articles from private persons in the search	
<b>show_with_images_only</b>	bool?	Filter to include only vehicles with images	
<b>doors/from</b>	int?	Minimum number of vehicle doors	
<b>doors/to</b>	int?	Maximum number of vehicle doors	
<b>general_inspection/from</b>	DateTime?	Lower limit for the earliest date of the next required inspection	
<b>general_inspection/to</b>	DateTime?	Upper limit for the earliest date of the next required inspection	
<b>emission/class_id/from</b>	int?	Minimum emission class to search for	
<b>previous_owner_count/from</b>	int?	Minimum number of previous vehicle owners to look for	
<b>previous_owner_count/to</b>	int?	Maximum number of previous vehicle owners to look for	

Name	Type	Description	Range
<b>availability/last_change/from</b>	DateTime?	Minimum date the article has been changed lately	
<b>availability/last_change/to</b>	DateTime?	Maximum date the article has been changed lately	
<b>owners_offer_key</b>	string	The internal vehicle key provided by the vehicles owner	
<b>emission/sticker_id/from</b>	Int	The minimum value of the environmental sticker. This field is meaningful only for Germany.	
<b>vehicle_types/vehicle_type</b>	String	If revision is set to 1, this tag indicates whether to receive lookup values for cars and/or motorbikes.	List of values 'B' or 'C' (revision must be set to 1)
<b>covering/covering_id</b>	String	The covering tag (upholstery) contains list of covering (upholstery) ids.	Zero or many ids, each consisting of two letters. (LP, ...).
<b>interior_color/interior_color_id</b>	Int	The interior-color tag contains a list of the interior color ids.	Zero or many ids, which are of the Int type. (1, 2, 3 ..)

## DemandDataSearchParameters

Used within:

FindArticlesByOwner



## MEMBERS

Name	Type	Description	Range
<b>Controlling Members</b>			
<b>paging/results_per_page</b>	int?	<p>The number of results you want to receive per page (see also next member current page)</p> <p><a href="#">SEE ALSO About Document-&gt;Paging System</a></p>	Without a limit at this point though you are strongly encouraged to give the lowest number you can give to keep the returned SOAP XML as small as possible
<b>paging/current_page</b>	int?	<p>The Current Page you want to view. This value is also dependant on the previous members. To calculate the number of pages available just divide the returned result count with your <a href="#">results_per_page</a></p> <p><a href="#">SEE ALSO About Document-&gt;Paging System</a></p>	The page count does always begin with one, so that if you provide 1 to this parameter, it shows the first page, 2 for the second page and so on. A value of zero is invalid.
<b>sorting/key</b>	string	Specifies the column you want to sort for	<p>Keys:</p> <ul style="list-style-type: none"> <li>• age (sort by article age)</li> <li>• artnum (sort by article number)</li> <li>• body_colorgroup_id (sort by color)</li> <li>• price_dealer (sort by dealeprice)</li> <li>• fuel_id (sort by fuel)</li> <li>• hits (sort by hits)</li> <li>• leasingfinance (sort by leasing pirce)</li> <li>• brand_id (sort by make)</li> <li>• mileage (sort by mileage)</li> <li>• kilowatt (sort by kilowatt power)</li> <li>• pubstart (sort by insertion start)</li> <li>• year (sort by day of registration)</li> <li>• zip (sort by zip code)</li> </ul>

Name	Type	Description	Range
<b>sorting/descending</b>	bool?	Specifies the sorting direction. This member does only have an effect if an <code>sorting_key</code> has been provided	If "true", results will be sorted in descending order. If "false" they'll be sorted by ascending order
<b>sorting/first_brand_id</b>	int?	An ID of a make that will be the first one in the results, no matter of any additional sorting parameters	For a detailed list of makes, please refer to appendix
<b>Data Members</b>			
<b>group_id</b>	int?	The group id that groups a set of dealers together, like for example, dealers that are selling the same types of cars are grouped together	Non public values, if you require this feature you may need to contact AutoScout24 to request the required group ids
<b>as24_customer_id</b>	string	Retrieves results related to a specific AS24 customer id, regardless of whether it belongs to a dealer or private user.	The ID is delivered as string, it may be encrypted depending on the profile id
<b>dealer_id</b>	int?	The seller id which uniquely identifies the Dealer when performing a B2B dealer search	
<b>brands/brand_id</b>	List (int)	A list of none, one or multiple number of make identifiers to search for	For a detailed list of makes, please refer to appendix
<b>models/model_id</b>	List(int)	A list of none, one or multiple number of model identifiers to search for (take care that models do depend on the make(s))	For a detailed list of models, please use the lookup-service
<b>model_lines/model_line_id</b>	List(int)	A list of none, one or multiple number of model-line identifiers to search for (take care that models do depend on the make(s))	For a detailed list of model-lines, please refer to appendix

Name	Type	Description	Range
<b>version</b>	string	The version of the model	
<b>fuel_types/fuel_type_id</b>	List(string)	A list of none, one or multiple number of fuels to search for	
<b>body_types/body_type_id</b>	List(string)	A list of vehicle build type ids to search for	
<b>gearing_types/ gearing_type_id</b>	List(string)	A list of gear types to search for	
<b>kilowatt/from</b>	decimal?	Minimum power rating the results must have	Unit is kW
<b>kilowatt/to</b>	decimal?	Maximum power rating the results may have	Unit is kW
<b>initial_registration/from</b>	DateTme?	Earliest date of registration the results must have	
<b>initial_registration/to</b>	DateTme?	Latest date of registration the results may have	
<b>mileage/from</b>	int?	The minimum mileage the results must have	Unit is km
<b>mileage/to</b>	int?	The maximum mileage the results may have	Unit is km
<b>body_colourgroups/ body_colourgroup_id</b>	List(int)	A list of vehicle exterior Colour ids to search for	For a detailed list of body colours, please refer to appendix

Name	Type	Description	Range
<b>body_paintings/ body_painting_id</b>	List(string)	A list of paint type keys to include in the search	For a detailed list of paint-type keys, please refer to appendix
<b>accident_free</b>	bool?	Usage state of vehicle to include in the search.	If parameter is True all usage states will be included into resultset, new and used vehicles will be found otherwise.  If parameter is not present the filter is ignored.
<b>price_public/from</b>	decimal?	The minimum pricing the search results must have	Unit is Euro
<b>price_public/to</b>	decimal?	The maximum pricing the search results may have	Unit is Euro
<b>price_dealer/from</b>	decimal?	Minimum price of the vehicle, if sold to a dealer	Unit is Euro
<b>price_dealer/to</b>	decimal?	Maximum price of the vehicle, if sold to a dealer	Unit is Euro
<b>price_public/vat_type_id price_dealer/vat_type_id</b>	bool?	Filter whether the VAT on the vehicle can be itemized for tax purposes	
<b>financing/rate_value/from leasing/rate_value/from</b>	decimal?	The minimum monthly leasing rate	
<b>financing/rate_value/to leasing/rate_value/to</b>	decimal?	The maximum monthly leasing rate	

Name	Type	Description	Range
financing/initial_payment_value/from	decimal?	Minimum financing deposit for a vehicle.	
leasing/initial_payment_value/from			
financing/initial_payment_value/to	decimal?	Maximum financing deposit for a vehicle	
leasing/initial_payment_value/to			
financing/eff_rate_of_interest/to	decimal?	Maximum interest rate for a financing agreement	
leasing/eff_rate_of_interest/to			
financing/ending_rate_value/from	decimal?	Minimum amount of a financing agreements last installment payment	
leasing/ending_rate_value/from			
financing/ending_rate_value/to	decimal?	Maximum amount of a financing agreements last installment payment	
leasing/ending_rate_value/to			
financing/duration/from	int?	Minimum duration of vehicle financing in months	
leasing/duration/from			
financing/duration/to	int?	Maximum duration of vehicle financing in months	
leasing/duration/to			

Name	Type	Description	Range
<b>countries/country_id</b>	List (string)	A list of country ids the vehicle results may be located in	Germany has the country code "D", other countries do follow a similar scheme.  For a detailed list of country ids, please refer to appendix
<b>zip_search/zip_country</b>	string	The country of the center-point (zip code) of a postal code radius search.	
<b>zip_search/radius</b>	int?	Maximum radius in kilometre around a vehicles location for a postal code radius search	
<b>zip_search/zip_code</b>	string	The center point (zip code) of a postal code radius search	
<b>equipments/equipment_id</b>	List(int)	A list of equipment feature-ids owned by a vehicle	
<b>seal_classes/seal_class_id</b>	List(int)	List of seal class ids that vehicle results must have	
<b>seal_types/seal_type_id</b>	List(int)	Not in use!	
<b>seals/seal_id</b>	List(int)	A list of seal ids that must be issued to a vehicle	
<b>availability/begin/from</b>	int?	A maximum age a vehicle included in the search may have, in terms of the vehicles advertisement in the Autoscout database	Unit is days
<b>show_dealer_vehicles</b>	bool?	Include only dealer articles in the search	

Name	Type	Description	Range
<b>show_private_vehicles</b>	bool?	Include only articles from private persons in the search	
<b>show_with_images_only</b>	bool?	Filter to include only vehicles with images	
<b>doors/from</b>	int?	Minimum number of vehicle doors	
<b>doors/to</b>	int?	Maximum number of vehicle doors	
<b>general_inspection/from</b>	DateTime?	Lower limit for the earliest date of the next required inspection	
<b>general_inspection/to</b>	DateTime?	Upper limit for the earliest date of the next required inspection	
<b>emission/class_id/from</b>	int?	Minimum emission class to search for	
<b>previous_owner_count/from</b>	int?	Minimum number of previous vehicle owners to look for	
<b>previous_owner_count/to</b>	int?	Maximum number of previous vehicle owners to look for	
<b>availability/last_change/from</b>	DateTime?	Minimum date the article has been changed lately	
<b>availability/last_change/to</b>	DateTime?	Maximum date the article has been changed lately	
<b>ownersvehicle_id</b>	string	The internal vehicle key provided by the vehicles owner	

Name	Type	Description	Range
<b>emission/sticker_id/from</b>	Int	The minimum value of the environmental sticker. This field is meaningful only for Germany.	
<b>status/status_id</b>	string	The status of article.	
<b>vehicle_types/vehicle_type_id</b>	string	If revision is set to 1, this tag indicates whether to receive lookup values for cars and/or motorbikes.	List of values 'B' or 'C' (revision must be set to 1)
<b>covering/covering_id</b>	String	The covering tag (upholstery) contains list of covering (upholstery) ids.	Zero or many ids, each consisting of two letters. (LP, ...).
<b>interior_color/interior_color_id</b>	Int	The interior-color tag contains a list of the interior color ids.	Zero or many ids, which are of the Int type. (1, 2, 3 ..)

## ArticleListItem

Used within:

FindArticlesResponse

## MEMBERS

Name	Type	Description	Range
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Name	Type	Description	Range
<b>properties/property/text</b>	string	List of properties types	For a detailed list of possible property types, please refer to appendix
<b>properties/property/code</b>	string	List of properties values	
<b>vehicle_id</b>	string	The unique article id	This id may be encrypted, depending on your ProfileId
<b>owners_offer_key</b>	string	The internal vehicle key provided by the vehicles owner	
<b>availability/last_change</b>	date/time	The date when this article has been changed the last time	
<b>prices/price/currency_id</b>	string	The currency for this article	
<b>media/x_code/image_count</b>	int	The number of images of the article	
<b>media/images/image/uri</b>	string	The fully qualified path to the vehicle image, append this to the ImageRoot*-Fields described further on in the ArticleDetailItem section	

Name	Type	Description	Range
<b>x_code/as24_detail_page_url</b>	string	The path to the AS24 Detailpage without the root	
<b>title</b>	string	The subtitle of the vehicle	
<b>brand_id</b>	int	The Make ID of the vehicle	
<b>model_id</b>	int	The Model ID of the vehicle	
<b>version</b>	string	Extra version text of the vehicle's model, as input by the vehicle owner	
<b>body_colourgroup_id</b>	int	The vehicle exterior color	
<b>body_colour</b>	string	The exterior body colour as written by the car owner	
<b>body_painting_id</b>	string	The type of paint on the vehicle	
<b>ext_id_list/item/id</b> if <b>ext_id_list/item/meaning=as24_customer_id</b>	string	A specific AS24 customer id, regardless of whether the user is a dealer or a private user	This id may be encrypted depending on the profile id.
<b>fuel_type_id</b>	string	The fuel type of the vehicle	
<b>category_id</b>	string	The legal type of vehicle	
<b>body_id</b>	int	The vehicle build type id	

Name	Type	Description	Range
<b>gear_type_id</b>	string	The gearing type of the vehicle	
<b>kilowatt</b>	decimal	The vehicle power rating	Unit is KW
<b>initial_registration</b>	date/time	The date the vehicle was first registered	
<b>mileage</b>	int	The vehicle mileage	
<b>accident_free</b>	bool	The usage state of the vehicle	
<b>prices/price/value</b> if <b>prices/price/type=public</b>	decimal	The gross price (Bruttopreis) of the vehicle, regardless of the currency	
<b>prices/price/value</b> if <b>prices/price/type=dealer</b>	decimal	The net price (Nettopreis) of the vehicle, regardless of the currency	
<b>prices/price/vat_type_id</b>	bool	Indicates whether the vehicle is VAT deductible (ausweisbar)	
<b>previous_owner/owner/owner/country</b>	string	The country id the vehicle/vehicle owner results is located in	
<b>previous_owner/owner/owner/zip</b>	string	The postal code that the vehicle is located in	

Name	Type	Description	Range
<b>previous_owner/owner/owner/city</b>	string	The city the vehicle/vehicle owner is located in	
<b>equipments/equipment_id</b>	List of int	A list of equipment feature ids owned by a vehicle	
<b>seals/seal_id</b>	List of int	A list of seal ids that this vehicle has	
<b>previous_owner/owner/x_code/customer_type_id</b>	string	The customer type of the vehicle owner	
<b>previous_owner/owner/owner/x_code/seller_type_id</b>	string	The type of seller for the vehicle	
<b>emission/class_id</b>	string	The emission class for this vehicle	
<b>previous_owner/owner/count</b>	Int	The number of previous owners of the vehicle	
<b>emission/sticker_id</b>	Int	The value of the environmental sticker. This is meaningful only for Germany	
<b>type</b>	string	If revision is set to 1, this tag indicates whether the vehicle is a car (C) or a motorbike (B).	'B' or 'C' (revision must be set to 1)

## ArticleDetailItem

Used within:

## GetArticleDetailsResponse

### Members

Name	Type	Description	Range
<b>Data Members</b>			
<b>properties/property/text</b>	string	List of properties types	For a detailed list of possible property types, please refer to appendix
<b>properties/property/code</b>	string	List of properties values	
<b>vehicle_id</b>	string	The AS24 article ID	This id may be encrypted, depending on your profile_id
<b>ownersvehicle_id</b>	string	The internal vehicle key provided by the vehicles owner	
<b>availability/last_change</b>	DateTime	The date this record has been changed lately	
<b>prices/price/currency_id</b>	string	The currency of the article	
<b>title</b>	string	The currency of the article	
<b>brand_id</b>	int	The Make ID of the vehicle	
<b>model_id</b>	int	The Model ID of the vehicle	

Name	Type	Description	Range
<b>version</b>	string	Extra version text of the vehicle's model, as input by the vehicle owner	
<b>financing/bankname_id</b> <b>leasing/bankname_id</b>	int	This is an ID of a partner finance provider of AS24, used for advertising	
<b>body_colourgroup_id</b>	int	The vehicle exterior color	
<b>body_colour</b>	string	The exterior body colour as written by the car owner	
<b>body_painting_id</b>	string	The type of paint on the vehicle	
<b>ext_id_list/item/id</b> if <b>ext_id_list/item/meaning=as24_customer_id</b>	string	A specific AS24 customerID, regardless if user is a dealer or private user	This id may be encrypted; it depends on your profile id.
<b>fuel_type_id</b>	string	The fuel type of the vehicle	
<b>category_id</b>	string	The legal type of vehicle	
<b>body_id</b>	int	The vehicle build type id	
<b>gear_type_id</b>	string	The gearing type of the vehicle	
<b>kilowatt</b>	decimal	The vehicle power rating	Unit is KW
<b>initial_registration</b>	date/time	The date the vehicle was first registered.	

Name	Type	Description	Range
<b>mileage</b>	int	The vehicle mileage	
<b>accident_free</b>	bool	The usage state	
<b>prices/price/value</b> if <b>prices/price/type=public</b>	decimal	The gross price (Bruttopreis) of the vehicle, regardless of currency	
<b>prices/price/value</b> if <b>prices/price/type=dealer</b>	decimal	The net price (Nettopreis) of the vehicle, regardless of currency	
<b>prices/price/vat_type_id</b>	bool	Indicates whether it is VAT deductible (ausweisbar)	
<b>prices/price/negotiable</b>	bool	Indicates whether the asking price is negotiable	
<b>financing/rate_value</b> <b>leasing/rate_value</b>	decimal	The financing monthly rate	
<b>financing/ending_rate_value</b> <b>leasing/ending_rate_value</b>	decimal	The closing rate of a financing	
<b>financing/eff_rate_of_interest</b> <b>leasing/eff_rate_of_interest</b>	decimal	The monthly interest rate for financing the vehicle	
<b>financing/initial_payment_value</b> <b>leasing/initial_payment_value</b>	decimal	The initial deposit required for financing the vehicle	

Name	Type	Description	Range
<b>financing/duration</b>	int	Duration in months of financing being offered for the vehicle	
<b>leasing/duration</b>			
<b>financing/x_code/description</b>	string	Reserved	Used for AS24 internal advertising
<b>financing/x_code/description_left</b>	string	Reserved	Used for AS24 internal advertising
<b>financing/x_code/description_right</b>	string	Reserved	Used for AS24 internal advertising
<b>financing/x_code/external_url</b>	string	Reserved	Used for AS24 internal advertising
<b>financing/x_code/mileage</b>	int	The financing mileage	
<b>equipments/equipment_id</b>	List of int	A list of equipment feature ids owned by a vehicle	
<b>seals/seal_id</b>	List of int	A list of seal ids that vehicle has	
<b>previous_owner/owner/x_code/customer_type_id</b>	string	The customer type of the vehicle owner	
<b>previous_owner/owner/owner/x_code/seller_type_id</b>	string	The type of seller for the vehicle	
<b>doors</b>	int	The number of doors	



Name	Type	Description	Range
<b>emission/class_id</b>	string	The emission class	
<b>general_inspection</b>	date/time	The date of next general inspection for the vehicle	
<b>previous_owner/owner/count</b>	int	The number of previous owners of the vehicle	
<b>gears</b>	int	Number of gears of the vehicle	
<b>notes</b>	string	Comments on the vehicle, as entered by the vehicle owner	
<b>emission/co2_liquid</b>	int	The CO <sup>2</sup> emission value of the vehicle	
<b>consumption/ extra _urban</b>	decimal	The fuel consumption of the vehicle in highway driving conditions	
<b>consumption/urban</b>	decimal	The fuel consumption of the vehicle in city driving conditions	
<b>consumption/combined</b>	decimal	The fuel consumption of the vehicle in mixed driving conditions	
<b>kerb_weight</b>	int	The weight of the vehicle	
<b>warranty_duration</b>	int	The warranty time	Unit is months

Name	Type	Description	Range
<b>hsn</b>	string		This is for German vehicles only
<b>tsn</b>	string		This is for German vehicles only
<b>seats</b>	int	The number of seats this vehicle has	
<b>capacity</b>	int	The vehicle's displacement	
<b>cylinders</b>	int	Number of vehicle cylinders	

Name	Type	Description	Range
<b>licence_number</b>	string	License plate number of the vehicle	
<b>covering</b>	string	Holds covering material values for the interior of the vehicle (upholstery values).	
<b>transmission</b>	string	Holds transmission values for the vehicle.	
<b>alloy_wheels_size</b>	uint	Wheel size in inches.	
<b>interior_color</b>	uint	Interior color identifier for the given article.	
<b>Service/last_technical_service</b>	date/time	Service data regarding last point in time when technical service occurred.	
<b>Service/last_change_cam_belt</b>	date/time	Service data regarding last time cam belt was changed.	
<b>media/x_code/image_count</b>	int	The number of images of the article	
<b>media/images/image/uri</b>	string	The fully qualified path to the vehicle image, append this to the ImageRoot*-Fields described further on in the ArticleDetailItem section	
<b>media/video/uri</b>	string	Youtube video link holder.	
<b>x_code/as24_detail_page_url</b>	string		

Name	Type	Description	Range
<b>previous_owner/owner/owner/street</b>	string	The street part of the address of the vehicle owner / contact person	
<b>previous_owner/owner/owner/post_office_box</b>	string	The po of the vehicle	
<b>previous_owner/owner/owner/zip</b>	string	The center point (zip code) of a postal code radius search	
<b>previous_owner/owner/owner/country</b>	string	The country id the vehicle is located in	
<b>previous_owner/owner/owner/city</b>	string	The city the vehicle/vehicle owner is located in	
<b>previous_owner/owner/owner/gender</b>	string	Gender of the contact person	'M' for male, 'F' for female
<b>previous_owner/owner/owner/x_code/title</b>	string	Title of the contact person	
<b>previous_owner/owner/owner/first_name</b>	string	First name of the contact person	
<b>previous_owner/owner/owner/last_name</b>	string	Last name of the contact person	
<b>previous_owner/owner/owner/x_code/address_type_id</b>	string	The type of the address given	
<b>previous_owner/owner/owner/emails/email</b>	string	Email address of the contact person	
<b>previous_owner/owner/owner/x_code/company_name</b>	string	The company name	

Name	Type	Description	Range
<b>emission/sticker_id</b>	int	The value of the environmental sticker. This is meaningful only for Germany.	
<b>previous_owner/owner/owner/phonenumbers/faxnumber</b>	string	Combination of country dialog code, local area code, and pure phone number	
<b>previous_owner/owner/owner/faxnumbers/faxnumber</b>	string	Combination of country dialog code, local area code, and pure fax number	
<b>type</b>	string	If revision is set to 1, this tag indicates whether the vehicle is a car (C) or a motorbike (B).	<b>'B' or 'C' (revision must be set to 1)</b>

## ExportItem

Used within:

FindArticlesByOwnerResponse

Members

Name	Type	Description	Range
<b>Data Members</b>			
<b>properties/property/text</b>	string	List of properties types	For a detailed list of possible property types,

Name	Type	Description	Range
<b>properties/property/code</b>	string	List of properties values	please refer to appendix
<b>vehicle_id</b>	string	The AS24 article ID	This id may be encrypted, depending on your profile_id
<b>ownersvehicle_id</b>	string	The internal vehicle key provided by the vehicles owner	
<b>availability/begin</b>	DateTime	The date this record is available from	
<b>availability/last_change</b>	DateTime	The date this record has been changed lately	
<b>prices/price/currency_id</b>	string	The currency of the article	
<b>title</b>	string	The currency of the article	
<b>brand_id</b>	int	The Make ID of the vehicle	
<b>model_id</b>	int	The Model ID of the vehicle	
<b>version</b>	string	Extra version text of the vehicle's model, as input by the vehicle owner	
<b>financing/bankname_id</b> <b>leasing/bankname_id</b>	int	This is an ID of a partner finance provider of AS24, used for advertising	

Name	Type	Description	Range
<b>body_colourgroup_id</b>	int	The vehicle exterior color	
<b>body_colour</b>	string	The exterior body colour as written by the car owner	
<b>body_painting_id</b>	string	The type of paint on the vehicle	
<b>fuel_type_id</b>	string	The fuel type of the vehicle	
<b>category_id</b>	string	The legal type of vehicle	
<b>body_id</b>	int	The vehicle build type id	
<b>gear_type_id</b>	string	The gearing type of the vehicle	
<b>kilowatt</b>	decimal	The vehicle power rating	Unit is KW
<b>initial_registration</b>	date/time	The date the vehicle was first registered.	
<b>mileage</b>	int	The vehicle mileage	
<b>accident_free</b>	bool	The usage state	
<b>prices/price/value</b> if <b>prices/price/type=public</b>	decimal	The gross price (Bruttopreis) of the vehicle, regardless of currency	
<b>prices/price/value</b> if	decimal	The net price (Nettopreis) of the vehicle, regardless of currency	

Name	Type	Description	Range
<b>prices/price/type=dealer</b>			
<b>prices/price/vat_type_id</b>	bool	Indicates whether it is VAT deductible (ausweisbar)	
<b>financing/rate_value</b> <b>leasing/rate_value</b>	decimal	The financing monthly rate	
<b>financing/ending_rate_value</b> <b>leasing/ending_rate_value</b>	decimal	The closing rate of a financing	
<b>financing/eff_rate_of_interest</b> <b>leasing/eff_rate_of_interest</b>	decimal	The monthly interest rate for financing the vehicle	
<b>financing/initial_payment_value</b> <b>leasing/initial_payment_value</b>	decimal	The initial deposit required for financing the vehicle	
<b>financing/duration</b> <b>leasing/duration</b>	int	Duration in months of financing being offered for the vehicle	
<b>financing/x_code/description</b>	string	Reserved	Used for AS24 internal advertising
<b>financing/x_code/mileage</b>	int	The financing mileage	
<b>equipments/equipment_id</b>	List of int	A list of equipment feature ids owned by a vehicle	
<b>seals/seal_id</b>	List of int	A list of seal ids that vehicle has	



Name	Type	Description	Range
<b>doors</b>	int	The number of doors	
<b>emission/class_id</b>	string	The emission class	
<b>general_inspection</b>	date/time	The date of next general inspection for the vehicle	
<b>previous_owner/owner/count</b>	int	The number of previous owners of the vehicle	
<b>gears</b>	int	Number of gears of the vehicle	
<b>notes</b>	string	Comments on the vehicle, as entered by the vehicle owner	
<b>emission/co2_liquid</b>	int	The CO <sup>2</sup> emission value of the vehicle	
<b>consumption/ extra _urban</b>	decimal	The fuel consumption of the vehicle in highway driving conditions	
<b>consumption/urban</b>	decimal	The fuel consumption of the vehicle in city driving conditions	
<b>consumption/combined</b>	decimal	The fuel consumption of the vehicle in mixed driving conditions	
<b>kerb_weight</b>	int	The weight of the vehicle	

Name	Type	Description	Range
warranty_duration	int	The warranty time	Unit is months
hsn	string		This is for German vehicles only
tsn	string		This is for German vehicles only
seats	int	The number of seats this vehicle has	
capacity	int	The vehicle's displacement	
cylinders	int	Number of vehicle cylinders	
licence_number	string	License plate number of the vehicle	
media/x_code/image_count	int	The number of images of the article	
media/x_code/last_change_images	int	The last change of images data	
media/images/image/uri	string	The fully qualified path to the vehicle image, append this to the ImageRoot*- Fields described further on in the ArticleDetailItem section	
x_code/as24_detail_page_url	string		

Name	Type	Description	Range
<b>emission/sticker_id</b>	int	The value of the environmental sticker. This is meaningful only for Germany.	
<b>type</b>	string	If revision is set to 1, this tag indicates whether the vehicle is a car (C) or a motorbike (B).	'B' or 'C' (revision must be set to 1)

## DemandDataListItem

Used within:

GetCustomerArticleListResponse

Members

Name	Type	Description	Range
<b>properties/property/text</b>	string	List of properties types	For a detailed list of possible property types, please refer to appendix
<b>properties/property/code</b>	string	List of properties values	
<b>vehicle_id</b>	string	The unique article id	This id may be encrypted, depending on your

Name	Type	Description	Range
<b>ownersvehicle_id</b>	string	The internal vehicle key provided by the vehicles owner	ProfileId
<b>availability/last_change</b>	date/time	The date when this article has been changed the last time	
<b>availability/begin</b>	date/time	The date when the article starts to be available	
<b>availability/end</b>	date/time	The date when the article will become unavailable	
<b>prices/price/currency_id</b>	string	The currency for this article	
<b>media/x_code/image_count</b>	int	The number of images of the article	
<b>media/images/image/uri</b>	string	The fully qualified path to the vehicle image, append this to the ImageRoot*-Fields described further on in the ArticleDetailItem section	
<b>x_code/as24_detail_page_url</b>	string	The path to the AS24 Detailpage without the root	
<b>title</b>	string	The subtitle of the vehicle	
<b>brand_id</b>	int	The Make ID of the vehicle	

Name	Type	Description	Range
<b>model_id</b>	int	The Model ID of the vehicle	
<b>version</b>	string	Extra version text of the vehicle's model, as input by the vehicle owner	
<b>financing/bankname_id</b>	int	The financing providers name offering financing for this vehicle	
<b>leasing/bankname_id</b>			
<b>body_colourgroup_id</b>	int	The vehicle exterior color	
<b>body_colour</b>	string	The exterior body colour as written by the car owner	
<b>body_painting_id</b>	string	The type of paint on the vehicle	
<b>ext_id_list/item/id</b> if <b>ext_id_list/item/meaning=as24_customer_id</b>	string	A specific AS24 customer id, regardless of whether the user is a dealer or a private user	This id may be encrypted depending on the profile id.
<b>fuel_type_id</b>	string	The fuel type of the vehicle	
<b>category_id</b>	string	The legal type of vehicle	
<b>body_id</b>	int	The vehicle build type id	
<b>gear_type_id</b>	string	The gearing type of the vehicle	

Name	Type	Description	Range
<b>kilowatt</b>	decimal	The vehicle power rating	Unit is KW
<b>initial_registration</b>	date/time	The date the vehicle was first registered	
<b>mileage</b>	int	The vehicle mileage	
<b>accident_free</b>	bool	The usage state of the vehicle	
<b>prices/price/value</b> if <b>prices/price/type=public</b>	decimal	The gross price (Bruttopreis) of the vehicle, regardless of the currency	
<b>prices/price/value</b> if <b>prices/price/type=dealer</b>	decimal	The net price (Nettopreis) of the vehicle, regardless of the currency	
<b>prices/price/vat_type_id</b>	bool	Indicates whether the vehicle is VAT deductible (ausweisbar)	
<b>financing/rate_value</b> <b>leasing/rate_value</b>	decimal	The financing monthly rate	
<b>financing/ending_rate_value</b> <b>leasing/ending_rate_value</b>	decimal	The closing rate of a financing	
<b>financing/eff_rate_of_interest</b> <b>leasing/eff_rate_of_interest</b>	decimal	The monthly interest rate for financing the vehicle	

Name	Type	Description	Range
<b>financing/initial_payment_value</b>	decimal	The initial deposit required for financing the vehicle	
<b>leasing/initial_payment_value</b>			
<b>financing/duration</b>	int	Duration in months of financing being offered for the vehicle	
<b>leasing/duration</b>			
<b>previous_owner/owner/owner/country</b>	string	The country id the vehicle/vehicle owner results is located in	
<b>previous_owner/owner/owner/zip</b>	string	The postal code that the vehicle is located in	
<b>previous_owner/owner/owner/city</b>	string	The city the vehicle/vehicle owner is located in	
<b>equipments/equipment_id</b>	List of int	A list of equipment feature ids owned by a vehicle	
<b>seals/seal_id</b>	List of int	A list of seal ids that this vehicle has	
<b>previous_owner/owner/x_code/customer_type_id</b>	string	The customer type of the vehicle owner	
<b>previous_owner/owner/owner/x_code/seller_type_id</b>	string	The type of seller for the vehicle	
<b>emission/class_id</b>	string	The emission class fort his vehicle	
<b>previous_owner/owner/count</b>	Int	The number of previous owners of the vehicle	

Name	Type	Description	Range
<b>emission/sticker_id</b>	Int	The value of the environmental sticker. This is meaningful only for Germany	
<b>status/status_id</b>	string	The status of article.	
<b>type</b>	string	If revision is set to 1, this tag indicates whether the vehicle is a car (C) or a motorbike (B).	<b>'B' or 'C' (revision must be set to 1)</b>

## DemadDataDetailItem

Used within:

GetCustomerArticleDetailsResponse

Members

Name	Type	Description	Range
<b>Data Members</b>			
<b>properties/property/text</b>	string	List of properties types	For a detailed list of possible property types, please refer to appendix
<b>properties/property/code</b>	string	List of properties values	
<b>vehicle_id</b>	string	The AS24 article ID	This id may be encrypted,



Name	Type	Description	Range
			depending on your profile_id
<b>ownersvehicle_id</b>	string	The internal vehicle key provided by the vehicles owner	
<b>availability/begin</b>	DateTime	The date this record is available from	
<b>availability/end</b>	DateTime	The date this record is available to	
<b>availability/last_change</b>	DateTime	The date this record has been changed lately	
<b>prices/price/currency_id</b>	string	The currency of the article	
<b>prices/price/negotiable</b>	string	Indicates whether the asking price is negotiable.	
<b>Title</b>	string	The currency of the article	
<b>brand_id</b>	int	The Make ID of the vehicle	
<b>model_id</b>	int	The Model ID of the vehicle	
<b>version</b>	string	Extra version text of the vehicle's model, as input by the vehicle owner	
<b>financing/bankname_id</b> <b>leasing/bankname_id</b>	int	This is an ID of a partner finance provider of AS24, used for advertising	

Name	Type	Description	Range
<b>body_colourgroup_id</b>	int	The vehicle exterior color	
<b>body_colour</b>	string	The exterior body colour as written by the car owner	
<b>body_painting_id</b>	string	The type of paint on the vehicle	
<b>ext_id_list/item/id</b> if <b>ext_id_list/item/meaning=as24_customer_id</b>	string	A specific AS24 customerID, regardless if user is a dealer or private user	This id may be encrypted; it depends on your profile id.
<b>fuel_type_id</b>	string	The fuel type of the vehicle	
<b>category_id</b>	string	The legal type of vehicle	
<b>body_id</b>	int	The vehicle build type id	
<b>gear_type_id</b>	string	The gearing type of the vehicle	
<b>kilowatt</b>	decimal	The vehicle power rating	Unit is KW
<b>initial_registration</b>	date/time	The date the vehicle was first registered.	
<b>mileage</b>	int	The vehicle mileage	
<b>accident_free</b>	bool	The usage state	
<b>prices/price/value</b> if	decimal	The gross price (Bruttopreis) of the vehicle, regardless of currency	

Name	Type	Description	Range
<b>prices/price/type=public</b>			
<b>prices/price/value</b> if <b>prices/price/type=dealer</b>	decimal	The net price (Nettopreis) of the vehicle, regardless of currency	
<b>prices/price/vat_type_id</b>	bool	Indicates whether it is VAT deductible (ausweisbar)	
<b>financing/rate_value</b> <b>leasing/rate_value</b>	decimal	The financing monthly rate	
<b>financing/ending_rate_value</b> <b>leasing/ending_rate_value</b>	decimal	The closing rate of a financing	
<b>financing/eff_rate_of_interest</b> <b>leasing/eff_rate_of_interest</b>	decimal	The monthly interest rate for financing the vehicle	
<b>financing/initial_payment_value</b> <b>leasing/initial_payment_value</b>	decimal	The initial deposit required for financing the vehicle	
<b>financing/duration</b> <b>leasing/duration</b>	int	Duration in months of financing being offered for the vehicle	
<b>financing/x_code/description</b>	string	Reserved	Used for AS24 internal advertising
<b>financing/x_code/description_left</b>	string	Reserved	Used for AS24 internal advertising

Name	Type	Description	Range
financing/x_code/description_right	string	Reserved	Used for AS24 internal advertising
financing/x_code/external_url	string	Reserved	Used for AS24 internal advertising
financing/x_code/mileage	int	The financing mileage	
equipments/equipment_id	List of int	A list of equipment feature ids owned by a vehicle	
seals/seal_id	List of int	A list of seal ids that vehicle has	
previous_owner/owner/x_code/customer_type_id	string	The customer type of the vehicle owner	
previous_owner/owner/owner/x_code/seller_type_id	string	The type of seller for the vehicle	
doors	int	The number of doors	
emission/class_id	string	The emission class	
general_inspection	date/time	The date of next general inspection for the vehicle	
previous_owner/owner/count	int	The number of previous owners of the vehicle	
gears	int	Number of gears of the vehicle	

Name	Type	Description	Range
notes	string	Comments on the vehicle, as entered by the vehicle owner	
emission/co2_liquid	int	The CO <sup>2</sup> emission value of the vehicle	
consumption/ extra _urban	decimal	The fuel consumption of the vehicle in highway driving conditions	
consumption/urban	decimal	The fuel consumption of the vehicle in city driving conditions	
consumption/combined	decimal	The fuel consumption of the vehicle in mixed driving conditions	
kerb_weight	int	The weight of the vehicle	
warranty_duration	int	The warranty time	Unit is months
hsn	string		This is for German vehicles only
tsn	string		This is for German vehicles only
seats	int	The number of seats this vehicle has	
capacity	int	The vehicle's displacement	

Name	Type	Description	Range
<b>cylinders</b>	int	Number of vehicle cylinders	
<b>licence_number</b>	string	License plate number of the vehicle	
<b>covering</b>	string	Holds covering material values for the interior of the vehicle (upholstery values).	
<b>transmission</b>	string	Holds transmission values for the vehicle.	
<b>alloy_wheels_size</b>	uint	Wheel size in inches.	
<b>interior_color</b>	uint	Interior color identifier for the given article.	
<b>Service/last_technical_service</b>	date/time	Service data regarding last point in time when technical service occurred.	
<b>Service/last_change_cam_belt</b>	date/time	Service data regarding last time cam belt was changed.	
<b>media/x_code/image_count</b>	int	The number of images of the article	
<b>media/images/image/uri</b>	string	The fully qualified path to the vehicle image, append this to the ImageRoot*- Fields described further on in the ArticleDetailItem section	
<b>media/video/uri</b>	string	Youtube video link holder.	

Name	Type	Description	Range
<b>x_code/as24_detail_page_url</b>	string		
<b>previous_owner/owner/owner/street</b>	string	The street part of the address of the vehicle owner / contact person	
<b>previous_owner/owner/owner/post_office_box</b>	string	The po of the vehicle	
<b>previous_owner/owner/owner/zip</b>	string	The center point (zip code) of a postal code radius search	
<b>previous_owner/owner/owner/country</b>	string	The country id the vehicle is located in	
<b>previous_owner/owner/owner/city</b>	string	The city the vehicle/vehicle owner is located in	
<b>previous_owner/owner/owner/gender</b>	string	Gender of the contact person	'M' for male, 'F' for female
<b>previous_owner/owner/owner/x_code/title</b>	string	Title of the contact person	
<b>previous_owner/owner/owner/first_name</b>	string	First name of the contact person	
<b>previous_owner/owner/owner/last_name</b>	string	Last name of the contact person	
<b>previous_owner/owner/owner/x_code/address_type_id</b>	string	The type of the address given	
<b>previous_owner/owner/owner/emails/email</b>	string	Email address of the contact person	

Name	Type	Description	Range
<b>previous_owner/owner/owner/x_code/company_name</b>	string	The company name	
<b>emission/sticker_id</b>	int	The value of the environmental sticker. This is meaningful only for Germany.	
<b>previous_owner/owner/owner/phonenumbers/faxnumber</b>	string	Combination of country dialog code, local area code, and pure phone number	
<b>previous_owner/owner/owner/faxnumbers/faxnumber</b>	string	Combination of country dialog code, local area code, and pure fax number	
<b>status/status_id</b>	string	The status of article.	
<b>type</b>	string	If revision is set to 1, this tag indicates whether the vehicle is a car (C) or a motorbike (B).	<b>'B' or 'C' (revision must be set to 1)</b>

## Public Methods

### FindArticles

This method is searching through the whole list of articles available and filters them by the FindArticlesRequest parameter you've given and returns the result-set. The search works equal to the official AutoScout24 Search Engine.

#### Parameters

[FindArticlesRequest](#) request

The search parameters to narrow the result-set down



## Return

[FindArticlesResponse](#)

Contains list of article search result items

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## [GetArticleDetails](#)

This method provides you some greater details on a single article, giving it's Article-ID. You can read for example the article's paint-type, the contact details and such things.

## Parameters

[GetArticleDetailsRequest](#) request

The search parameters to gather details for

## Return

[GetArticleDetailsResponse](#) response

Contains a single article detail item

---

## [FindArticlesByOwner](#)

This method is searching through the whole list of articles available and filters them by the FindArticlesByOwnerRequest parameter you've given and returns the result-set.

## Parameters

[FindArticlesByOwnerRequest](#) request

The search parameters to narrow the result-set down

## Return

[FindArticlesByOwnerResponse](#) response

Contains list of article search result items

---

## [GetCustomerArticleList](#)

This method is searching through the whole list of articles available for given customer and filters them by the GetCustomerArticleListRequest parameter you've given and returns the result-set.

## Parameters

[GetCustomerArticleListRequest](#) request

The search parameters to narrow the result-set down

#### Return

[GetCustomerArticleListResponse](#) response

Contains list of article search result items

---

## [GetCustomerArticleDetails](#)

This method provides you some greater details on a single article, giving it's Article-ID. You can read for example the article's paint-type, the contact details and such things.

#### Parameters

[GetCustomerArticleDetailsRequest](#) request

The search parameters to gather details for

#### Return

[GetCustomerArticleDetailsResponse](#) response

Contains a single article detail item

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## [SendContactMessage](#)

Prepares and sends the contact message to the article owner.

#### Parameters

[SendContactMessageRequest](#) request

The data for the message

#### Return

[SendContactMessageResponse](#) response

The result of operation execution.