

asariAPI

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The data downloaded by API should be saved to a local database. Web pages should display data from database prepared in that way.

Number of queries to the API is restricted to 25 per minute (It's best to use a 3-4 second interval). Limit of connection can undergo change.

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Introduction

Api methods serve http calls responding with json (<http://www.json.org/>). Methods for website creation are described in [apiSite](#) section.

Authentication via Token

To authenticate you need id of user and unique token. loginToken and userId should be sent with other parameters of request. F.ex.

```
https://api.asariweb.pl/apiLocation/findLocations?query=Warszawa&userId=12456&loginToken=abcdefghijkl3131231231321
```

Parameter types

Parameter in method calls should be formatted as following

Type	Format	Examples
integer	number	123345 0
float	decimal part separated by comma or period	123.4343 or 123,4323
date	yyyy-MM-dd or yyyy-MM-dd hh:mm:ss (short format will be translated to yyyy-MM-dd 00:00:00)	2010-12-31 2010-12-31 18:55:58
string	text	bla bla bla
boolean	true empty value for false	

dictionary	string value representing given dictionary value (listed below)	Active House
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Pagination and sorting

Some methods returning list of objects allow pagination. Following parameters should be applied (If no max(limit) provided system will automatically set parameter to reasonable value).

Parameter	Type	Description
offset or start	integer	return result starting from row (0 based)
max or limit	integer	max number of rows to return

Sorting can be obtained by providing following parameters. Both parameters should be sent.

Parameter	Type	Description
sort	string	name of property
order	string	'asc' or 'desc'

Response format

Every response object has property:

- success (boolean) - determining if response is valid or error occurred.

Success Response

Json object with properties:

- data (object or array of objects)
- totalCount (integer) - returned if data is array and method enables pagination

Example simple object:

```
{
  success: true
  data: {
    id: 1
    propertyType: "House"
  }
}
```

Example list:

```
{
  success: true,
  data: [
    { id: 1, propertyType: "House" },
    { id: 2, propertyType: "Lot" },
    { id: 3, propertyType: "House" },
  ],
  totalCount: 140
}
```

Error Response

Json object with properties:

- error (string) - error message in human readable format (localized)
- parametersErrors (object where properties are names of parameters and values are error messages related to given parameter) - returned if error is related to input parameters. F.ex. can be used as error messages for forms submitted by user.

Example error:

```
{
  success: false,
  error: "You need to activate asariCRM to add tasks"
}
```

Example error with parameter errors:

```
{
  success: false,
  error: "Invalid input",
  parameterErrors : {
    email: "Invalid format",
    password: "Password to short"
  }
}
```

Return types

Method will return json object with following properties (more info <http://www.json.org/>)

Type	Format	Example
string	text	"bla bla bla"
integer	number	3242
float	decimal part separated by period	3232.3232
date	text in format yyyy-MM-dd hh:mm:ss	"2010-12-31 18:55:58"
boolean	true, false	
money	object	<pre>{ amount: 251 currency: "PLN" }</pre>

Dictionaries

Name	Values
fieldType	string, integer, float, date, boolean, money, dictionary, dictionaryList
view	show, edit, list, search

section	ApartmentSale, ApartmentRental, HouseSale, HouseRental, LotSale, LotRental, CommercialSpaceSale, CommercialSpaceRental, CommercialObjectSale, CommercialObjectRental, Investment, RoomRental
status	Active, Cancelled, Closed, Pending, Draft
taskStatus	Waiting, Solved, Cancelled
taskType	Regular, Reminder, Appointment
listingActivityEventType	Appointment, ContactAcquisition, Email, Printout
seekerActivityEventType	Appointment, ContactAcquisition, Email
seekerPrivilege	Contact, PublicContact, Edit, Related
listingPrivilege	Contact, PublicContact, Edit, Related
contractType	Exclusive, Open, None, Direct, CustomerApplication
ownershipType	Mortgage, HousingCooperative, Shared, Other
currency	PLN, EUR, USD
customerType	Person, Company
customerFrom	Press, Internet, Phone, DirectVisit, Command
commissionPercentPeriod	Year, Month
valueType	String, Integer, Float, Date, Boolean, Dictionary, DictionaryList
scope	All, Company, Swo, Office
condition	Perfect, VeryGood, Good, NeedsSmallRenovation, NeedsTotalRenovation, NeedsConversion, NeedsFinishing, OpenRawState, CloseRawState

Methods

- Required parameters are marked with *
- If property is type of dictionary and both names are the same, name of dictionary is omitted f.ex. - `sectionName(dictionary SectionName) -> sectionName(dictionary)`
- Methods that return that don't return no data except of success indicator are marked as succes/failure