API Kameleon

> 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.

Introduction

Api methods serve http calls responding with json (http://www.json.org/)

Authentication via Cookie

To autheniticate you need login and password

```
https://api.asari.pro/login/authenticate
```

Parameter:

Parameter	Format
email	string
password	string

Authentication example

```
curl --request POST -H "Content-Type=multipart/form-data" -d
"email=<email>&password=<password>" -c cookieFile URL
```

> **apiSITE**
> apiSite authorized only by userId and Token in HEADER - link

Response format

Every response object has property:

- success (boolean) - determaining if response is valid or error occured.

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 { amount: (float),currency:(string)}	{ amount: 251 currency:"PLN"}

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, Event, Reminder, Appointment, Call
callType	OUTGOING, INCOMING, MISSED, REJECTED
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 paremeters are marked with *

- If property is type of dictionary and both names are the same, name of dictionary is ommited f.ex. - sectionName(dictionary SectionName) -> sectionName(dictionary)
- Methods that raturn that don't return no data except of success indicator are marked as succces/failure