votehub

API version 1.0

API documentation

revision #12

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May 22, 2014

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1 Introduction

This is technical manual aimed at IT personnel involved in integrating voting platform VoteHub throught its API web service into other platforms.

This document does not cover:

- the voting life-cycle
- the statistics data
- the VoteHub frontend UI
- creating and customizing a brand ”skin”

2 Using API

API methods are invoked by making an HTTP request on the VoteHub REST API server.

2.1 REST web service

The VoteHub API is built on HTTP. It is RESTful and it:

- uses predictable, resource-oriented URLs
- uses built-in HTTP capabilities for passing parameters and authentication
- responds with standard HTTP response codes to indicate errors
- returns JSON

2.2 Invoking API methods

The request *Content-Type* header must be set to **application/json** and the post data (HTTP request body) must hold a **JSON representation** of input data.

2.3 Handling responses

Each request results in an HTTP reply being returned to the client. The HTTP reply contains regular HTTP reply headers, an HTTP status code, and an optional HTTP content body. The HTTP **status code** must be examined in order to determine whether the API method was successfully invoked, or if a problem occurred (such as failed authentication, malformed message, ...).

2.4 Base URL

Basic URL schema of HTTP protocol follows this formula:

```
[method] [protocol]://[host]:[port]/[path]?[params]
```

All API URLs referenced in this documentation start with the following base part:

```
http://www.votehub.net/api/v1
```

2.5 Authorization

2.5.1 API Key

To authorize to the VoteHub system, you need an API key. This key needs to be send with every API request. An API key is 16-32 characters long and only contains 0-9 and a-f. Use the GET variable **api_key** to send the API key.

> **Warning**
>
> Keep your API key secret!

2.5.2 Basic Auth

Some API methods require user authentication via HTTP Basic Auth. Use user's *email* and its account *password* as credentials.

Basic Auth Header looks like this:

```
Authorization Basic ZGVtbzpkZW1v
```

2.6 Data representation

2.6.1 Data encoding

All exchanges are encoded in the JSON (JavaScript Object Notation) format (RFC 4627). JSON is a simple machine-readable data-interchange format that provides light-weight serialization for structured data. Despite the acronym, JSON is language independent, and is widely implemented in modern programming languages.

JSON is able to directly represent the most general computer science data structures.

Compared to XML, JSON has a significantly lower footprint, is more readable and more easily parsed.

For more information about JSON, please refer to `http://www.json.org/`.

Make sure all POST data are send as valid JSON object. Output values are always returned as single JSON object. JSON validator *JSONLint* (`http://jsonlint.com/`) may help you with validation.

2.6.2 Data types

In this API, we benefit from all native data types defined by the JSON format, and we also define other commonly used data types. Here's the exhaustive list of data types referenced in this documentation.

JSON native data types

Type	Description
string	A sequence of zero or more characters.
number	An integer or floating point number.
object	An unordered collection of (unique key, value) pairs. Those unique keys are also referred to as ”object members”.
array	An ordered and zero-based indexed sequence of values of any JSON type.
boolean	Boolean, may be either or true or false.
null	The null value is a primitive value that represents the empty, null reference.

Extended data types

Type	Description
integer	Positive integer value represented as number. Range: 0 – 2147483647.
string(X)	String having exactly X characters.
string(X, Y)	string having X up to Y characters (both inclusive).
date	string(10) containing date representation in ”YYYY-MM-DD” format.
datetime	string(24) representing the date and time in ISO 8601 format ”YYYY-MM-DDTHH:mm:ss+HHmm”.
time	string(8) containing daytime representation in 24-hour ”HH:mm:ss” format.

2.7 Status codes and error messages

VoteHub API returns standard HTTP responses with default status codes:

- **200** OK
- **201** Created
- **202** Accepted
- **203** Partial Information
- **204** No Response
- **301** Moved
- **302** Found
- **303** Method
- **304** Not Modified
- **400** Bad request
- **401** Unauthorized
- **402** Payment Required
- **403** Forbidden
- **404** Not found
- **500** Internal Error
- **501** Not implemented
- **502** Service temnporarily overloaded
- **503** Gateway timeout

Returned object can contain *message* attribute with detailed error message, for example:

```
{
  code: 404,
  message: "Survey not found."
}
```

3 API methods reference

3.1 Accounts

3.1.1 User registration

Path:	`/accounts/register/`
HTTP method:	`POST`
Basic Auth Required:	`No`

Attribute	Type	Description
Input values:		
username	string	user's username (email)
password	string	user's password
first_name	string	user's first name
last_name	string	user's last name
Return values:		
id	integer	user id
email	string	user's email
is_active	boolean	true if user is active

Info

Save *user's id*. You might need it later.

Example:

```
$ curl -i \
 -H "Content-Type: application/json" \
 --data '{
 "username": "john@smith.com",
 "password": "12345",
 "first_name": "John",
 "last_name": "Smith"
 }' \
 -X POST http://www.votehub.net/api/v1/accounts/register/?api_key=6b46c13ab5a12845

HTTP/1.1 200 OK
Content-Type: application/json

{
    "message": "User was successfully registered.",
    "user": {
        "id": 17234,
        "email": "john@smith.com",
        "is_active": true
    }
}
```

3.1.2 User authentication

Path:	`/accounts/login/`
HTTP method:	`POST`
Basic Auth Required:	`Yes`

Attribute	Type	Description
Input values:		
None		
Return values:		
id	integer	user id
email	string	user's email

Info

Save *user's id*. You might need it later.

Example:

```
$ curl -i \
 -H "Authorization: Basic ZGVtbzpkZW1v" \
 -H "Content-Type: application/json" \
 -X POST http://www.votehub.net/api/v1/accounts/login/?api_key=6b46c13ab5a12845

HTTP/1.1 200 OK
Content-Type: application/json

{
    "user": {
        "id": 382,
        "email": "demo"
    }
}
```

3.1.3 User profile

Path:	`/accounts/profile/`
HTTP method:	`GET`
Basic Auth Required:	`Yes - use credentials of profile owner`

Attribute	Type	Description
Input values:		
None		
Return values:		
id	integer	profile id
first_name	string	first name
last_name	string	last name
slug	string	slug
gender	string	”m” if male, ”f” if female (or null)
activation_hash	string	activation hash
last_seen_surveys	datetime	timestamp when user last saw his own survey list
created	datetime	timestamp of profile creation
modified	datetime	timestamp of profile last modification

Example:

```
$ curl -i \
 -H "Authorization: Basic am9objpzbWl0aA==" \
 -H "Content-Type: application/json" \
 -X GET http://www.votehub.net/api/v1/accounts/profile/?api_key=6b46c13ab5a12845

HTTP/1.1 200 OK
Content-Type: application/json

{
    "id": 12345,
    "first_name": "John",
    "last_name": "Smith",
    "slug": "john-smith",
    "gender": "m",
    "activation_hash": "c4b9c4a4501e27102c6da92919c3d823c5648c44",
    "last_seen_surveys": "2014-04-15T10:36:25+0200",
    "created": "2014-04-15T10:36:25+0200",
    "modified": "2014-04-15T10:36:25+0200"
}
```

3.1.4 Update user profile

Path:	`/accounts/profile/`
HTTP method:	`POST`
Basic Auth Required:	`Yes - use credentials of profile owner`

Attribute	Type	Description
Input values:		
first_name	string	first name
last_name	string	last name
slug	string	slug
gender	string	”m” if male, ”f” if female (or null)
Return values:		
id	integer	profile id
first_name	string	first name
last_name	string	last name
slug	string	slug
gender	string	”m” if male, ”f” if female (or null)
activation_hash	string	activation hash
last_seen_surveys	datetime	timestamp when user last saw his own survey list
created	datetime	timestamp of profile creation
modified	datetime	timestamp of profile last modification

Example:

```
$ curl -i \
 -H "Authorization: Basic am9objpzbWl0aA==" \
 -H "Content-Type: application/json" \
 --data '{
 "first_name": "Joe",
 "last_name": "Doe",
 "slug": "joe-doe",
 "gender": null
 }' \
 -X POST http://www.votehub.net/api/v1/accounts/profile/?api_key=6b46c13ab5a12845

HTTP/1.1 200 OK
Content-Type: application/json

{
    "id": 12345,
    "first_name": "Joe",
    "last_name": "Doe",
    "slug": "joe-doe",
    "gender": null,
    "activation_hash": "c4b9c4a4501e27102c6da92919c3d823c5648c44",
    "last_seen_surveys": "2014-04-15T10:36:25+0200",
    "created": "2014-04-15T10:36:25+0200",
    "modified": "2014-04-16T18:54:19+0200"
}
```

3.2 Surveys

3.2.1 List of all user surveys

Path:	`/surveys/`	
HTTP method:	`GET`	
Basic Auth Required:	`No`	
Attribute	Type	Description
Input values:		
None		
Return values:		
id	integer	survey id
title	string	survey title
hash_key	string	survey hash key
preface	string	text before voting
postface	string	text after voting
css	string	branding CSS
is_visible	boolean	if true, survey is visible in public list
created	datetime	timestamp of survey creation
modified	datetime	timestamp of survey last modification

Example:

```
$ curl -i \
 -H "Content-Type: application/json" \
 -X GET http://www.votehub.net/api/v1/surveys/?api_key=6b46c13ab5a12845

HTTP/1.1 200 OK
Content-Type: application/json

{
    "surveys": [
        {
            "is_visible": false,
            "hash_key": "8a91f74a8cec73bedc82ea72295004aa4b01152c",
            "title": "Example survey",
            "postface": "Thank you for participating in the survey.",
            "modified": "2013-02-06T08:43:17+0200",
            "preface": "Your opinion means a lot to us. Thank you for it.",
            "id": 417,
            "css": null,
            "created": "2013-02-06T08:41:30+0200"
        },
        {
            "is_visible": false,
            "hash_key": "284504e849ca903e953f5715d96e7105a1e34b47",
            "title": "This is my awesome survey",
            "postface": "Thank you for participating in the survey.",
            "modified": "2013-11-01T15:47:00+0200",
            "preface": "Your opinion means a lot to us. Thank you for it.",
            "id": 626,
            "css": null,
            "created": "2013-11-01T15:45:49+0200"
        },
        {
            "is_visible": false,
            "hash_key": "ddd2b5f96a4774ef0fb2a1b3a99ecc902f5ebb1a",
            "title": "Le nom de mon \u00e9tude",
            "postface": "Thank you for participating in the survey.",
            "modified": "2013-07-23T13:33:05+0200",
            "preface": "Your opinion means a lot to us. Thank you for it.",
            "id": 582,
            "css": null,
            "created": "2013-07-23T13:32:57+0200"
        }
    ]
}
```

3.2.2 Survey detail

Path:	`/surveys/{survey_id}/`
HTTP method:	`GET`
Basic Auth Required:	`No (only if you need to see correct options of quiz questions)`

Attribute	Type	Description
Input values:		
None		
Return values:		
id	integer	survey id
title	string	survey title
hash_key	string	survey hash key
preface	string	text before voting
postface	string	text after voting
css	string	branding CSS
is_visible	boolean	if truem survey is visible in public list
created	datetime	timestamp of survey creation
modified	datetime	timestamp of survey last modification
segments	array	list of survey segments
questions	array	list of survey questions
Segment object values:		
id	integer	segment id
title	string	segment title
slug	string	segment slug
hash_key	string	segment hash key
date_from	datetime	users can start voting beginning this date
date_to	datetime	users will be able to vote until this date
password	string	segment password
permission_level	string	Specifies voting availability. 'PUBLIC' for everyone, 'REGISTERED' for registered users only
statistics_policy	string	Specifies statistics availability. 'PUBLIC' for everyone, 'PRIVATE' for survey creator only, 'SECRET' for segment voters
count_questions	integer	number of questions served to voter
finish_url	string	custom finish URL after voting
finish_url_title	string	finish URL title

email_threshold	integer	determine when does survey creator want to receive email about new voters
is_active	boolean	Current segment status. Users will not be able to start voting if inactive.
is_anonymous	boolean	if true, names of responders won't be visible in the statistics
is_repeatable	boolean	if true, registered users can vote multiple times in segment
is_quiz_result_visible	boolean	if true, voters will see their quiz result percentage
is_quiz_correct_options_visible	boolean	if true, voters will see correct options in quiz result
is_shuffle	boolean	if true, questions order will be shuffled
created	datetime	timestamp of segment creation
modified	datetime	timestamp of segment last modification
Question object values:		
id	integer	question id
title	string	question title
kind	string	question kind
category	string	category
image	string	image attachment encoded in Base64 format
image_url	string	URL of image attachment
image_width	integer	image width in px
image_height	integer	image height in px
image_position	string	image position ('TOP', 'RIGHT', 'BOTTOM' or 'LEFT')
weight	integer	question order
is_required	boolean	if true, question is mandatory
is_quiz	boolean	if true, it is quiz question
options	array	list of question options
created	datetime	timestamp of question creation
modified	datetime	timestamp of question last modification
Option object values:		
id	integer	option id
title	string	option title
orientation	string	option orientation ('ROW' or 'COLUMN')
image	string	image attachment encoded in Base64 format
image_url	string	URL of image attachment
image_width	integer	image width in px
image_height	integer	image height in px
image_position	string	image position ('TOP', 'RIGHT', 'BOTTOM' or 'LEFT')

weight	integer	option order
is_correct	boolean	true if option is set as correct answer of quiz question (visible only if Basic Auth of survey owner is present).
created	datetime	timestamp of option creation
modified	datetime	timestamp of option last modification

Example:

```
$ curl -i \
 -H "Content-Type: application/json" \
 -X GET http://www.votehub.net/api/v1/surveys/417/?api_key=6b46c13ab5a12845

HTTP/1.1 200 OK
Content-Type: application/json

{
    "is_visible": false,
    "questions": [
        {
            "weight": 0,
            "image_url": null,
            "modified": "2014-03-25T08:32:52+0200",
            "image_position": null,
            "is_quiz": false,
            "id": 1335,
            "category": "",
            "kind": "TEXTFIELD",
            "title": "What is your name?",
            "created": "2013-05-18T10:05:36+0200",
            "image_width": null,
            "image_height": null,
            "is_required": true,
            "options": []
        },
        {
            "weight": 1,
            "image_url": null,
            "modified": "2014-03-25T08:32:53+0200",
            "image_position": null,
            "is_quiz": false,
            "id": 1733,
            "category": "",
            "kind": "CHECKBOX",
            "title": "Choose your favorite colors",
            "created": "2014-03-25T08:31:10+0200",
            "image_width": null,
            "image_height": null,
            "is_required": false,
            "options": [
                {
                    "orientation": "ROW",
                    "weight": 0,
                    "image_url": null,
                    "image_width": null,
                    "image_position": null,
                    "id": 4652,
                    "title": "white",
                    "created": "2014-03-25T08:31:10+0200",
```

```
        "modified": "2014-03-25T08:31:57+0200",
        "image_height": null
    },
    {
        "orientation": "ROW",
        "weight": 1,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4653,
        "title": "red",
        "created": "2014-03-25T08:31:10+0200",
        "modified": "2014-03-25T08:31:57+0200",
        "image_height": null
    },
    {
        "orientation": "ROW",
        "weight": 2,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4654,
        "title": "green",
        "created": "2014-03-25T08:31:10+0200",
        "modified": "2014-03-25T08:31:57+0200",
        "image_height": null
    },
    {
        "orientation": "ROW",
        "weight": 3,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4655,
        "title": "blue",
        "created": "2014-03-25T08:31:15+0200",
        "modified": "2014-03-25T08:31:57+0200",
        "image_height": null
    },
    {
        "orientation": "ROW",
        "weight": 4,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4656,
        "title": "gray",
        "created": "2014-03-25T08:31:19+0200",
        "modified": "2014-03-25T08:31:57+0200",
        "image_height": null
    },
    {
        "orientation": "ROW",
```

```
        "weight": 5,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4657,
        "title": "black",
        "created": "2014-03-25T08:31:21+0200",
        "modified": "2014-03-25T08:31:57+0200",
        "image_height": null
    },
    {
        "orientation": "ROW",
        "weight": 6,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4658,
        "title": "pink",
        "created": "2014-03-25T08:31:28+0200",
        "modified": "2014-03-25T08:31:57+0200",
        "image_height": null
    },
    {
        "orientation": "ROW",
        "weight": 7,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4659,
        "title": "yellow",
        "created": "2014-03-25T08:31:32+0200",
        "modified": "2014-03-25T08:31:57+0200",
        "image_height": null
    },
    {
        "orientation": "ROW",
        "weight": 8,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4660,
        "title": "purple",
        "created": "2014-03-25T08:31:37+0200",
        "modified": "2014-03-25T08:31:57+0200",
        "image_height": null
    },
    {
        "orientation": "ROW",
        "weight": 9,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4662,
```

```
                "title": "other",
                "created": "2014-03-25T08:31:50+0200",
                "modified": "2014-03-25T08:31:57+0200",
                "image_height": null
            }
        ]
    },
    {
        "weight": 2,
        "image_url": null,
        "modified": "2014-03-25T08:32:53+0200",
        "image_position": null,
        "is_quiz": false,
        "id": 1056,
        "category": "",
        "kind": "MATRIX_RADIO",
        "title": "How often do you travel by these transport vehicles?",
        "created": "2013-02-06T08:42:47+0200",
        "image_width": null,
        "image_height": null,
        "is_required": false,
        "options": [
            {
                "orientation": "ROW",
                "weight": 0,
                "image_url": null,
                "image_width": null,
                "image_position": null,
                "id": 2682,
                "title": "bicycle",
                "created": "2013-02-06T08:42:47+0200",
                "modified": "2014-03-25T08:29:50+0200",
                "image_height": null
            },
            {
                "orientation": "ROW",
                "weight": 1,
                "image_url": null,
                "image_width": null,
                "image_position": null,
                "id": 2683,
                "title": "bus",
                "created": "2013-02-06T08:42:47+0200",
                "modified": "2014-03-25T08:29:50+0200",
                "image_height": null
            },
            {
                "orientation": "COLUMN",
                "weight": 2,
                "image_url": null,
                "image_width": null,
                "image_position": null,
                "id": 2684,
```

```
        "title": "every day",
        "created": "2013-02-06T08:42:47+0200",
        "modified": "2014-03-25T08:29:50+0200",
        "image_height": null
    },
    {
        "orientation": "COLUMN",
        "weight": 3,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 2685,
        "title": "once a week",
        "created": "2013-02-06T08:42:47+0200",
        "modified": "2014-03-25T08:29:50+0200",
        "image_height": null
    },
    {
        "orientation": "ROW",
        "weight": 4,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4645,
        "title": "train",
        "created": "2014-03-25T08:26:15+0200",
        "modified": "2014-03-25T08:29:50+0200",
        "image_height": null
    },
    {
        "orientation": "ROW",
        "weight": 5,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4646,
        "title": "car",
        "created": "2014-03-25T08:26:20+0200",
        "modified": "2014-03-25T08:29:50+0200",
        "image_height": null
    },
    {
        "orientation": "COLUMN",
        "weight": 6,
        "image_url": null,
        "image_width": null,
        "image_position": null,
        "id": 4647,
        "title": "once a month",
        "created": "2014-03-25T08:26:48+0200",
        "modified": "2014-03-25T08:29:50+0200",
        "image_height": null
    },
```

```
            {
                "orientation": "ROW",
                "weight": 7,
                "image_url": null,
                "image_width": null,
                "image_position": null,
                "id": 4648,
                "title": "airplane",
                "created": "2014-03-25T08:28:34+0200",
                "modified": "2014-03-25T08:29:50+0200",
                "image_height": null
            },
            {
                "orientation": "COLUMN",
                "weight": 8,
                "image_url": null,
                "image_width": null,
                "image_position": null,
                "id": 4649,
                "title": "once a year",
                "created": "2014-03-25T08:29:28+0200",
                "modified": "2014-03-25T08:29:50+0200",
                "image_height": null
            },
            {
                "orientation": "COLUMN",
                "weight": 9,
                "image_url": null,
                "image_width": null,
                "image_position": null,
                "id": 4650,
                "title": "never",
                "created": "2014-03-25T08:29:36+0200",
                "modified": "2014-03-25T08:29:50+0200",
                "image_height": null
            },
            {
                "orientation": "ROW",
                "weight": 10,
                "image_url": null,
                "image_width": null,
                "image_position": null,
                "id": 4651,
                "title": "boat",
                "created": "2014-03-25T08:29:43+0200",
                "modified": "2014-03-25T08:29:50+0200",
                "image_height": null
            }
        ]
    },
    {
        "weight": 3,
        "image_url": "http://www.votehub.net/media/images/q_TPvXSFeShjsoDUmTPFsLJJ.gif",
```

```
        "modified": "2014-03-25T10:27:24+0200",
        "image_position": "TOP",
        "is_quiz": false,
        "id": 1734,
        "category": "",
        "kind": "RADIO",
        "title": "Which pet do you like more?",
        "created": "2014-03-25T08:32:44+0200",
        "image_width": 438,
        "image_height": 320,
        "is_required": false,
        "options": [
            {
                "orientation": "ROW",
                "weight": 0,
                "image_url": null,
                "image_width": null,
                "image_position": null,
                "id": 4663,
                "title": "cat",
                "created": "2014-03-25T08:32:44+0200",
                "modified": "2014-03-25T08:32:44+0200",
                "image_height": null
            },
            {
                "orientation": "ROW",
                "weight": 1,
                "image_url": null,
                "image_width": null,
                "image_position": null,
                "id": 4664,
                "title": "dog",
                "created": "2014-03-25T08:32:44+0200",
                "modified": "2014-03-25T08:32:44+0200",
                "image_height": null
            }
        ]
    },
    {
        "weight": 4,
        "image_url": null,
        "modified": "2014-03-25T08:32:53+0200",
        "image_position": null,
        "is_quiz": false,
        "id": 1081,
        "category": "",
        "kind": "STARS",
        "title": "How did you like this survey?",
        "created": "2013-02-18T17:38:22+0200",
        "image_width": null,
        "image_height": null,
        "is_required": true,
        "options": [
```

```
{
    "orientation": "ROW",
    "weight": 1,
    "image_url": null,
    "image_width": null,
    "image_position": null,
    "id": 2741,
    "title": "1",
    "created": "2013-02-18T17:38:22+0200",
    "modified": "2013-02-18T17:38:22+0200",
    "image_height": null
},
{
    "orientation": "ROW",
    "weight": 2,
    "image_url": null,
    "image_width": null,
    "image_position": null,
    "id": 2742,
    "title": "2",
    "created": "2013-02-18T17:38:22+0200",
    "modified": "2013-02-18T17:38:22+0200",
    "image_height": null
},
{
    "orientation": "ROW",
    "weight": 3,
    "image_url": null,
    "image_width": null,
    "image_position": null,
    "id": 2743,
    "title": "3",
    "created": "2013-02-18T17:38:22+0200",
    "modified": "2013-02-18T17:38:22+0200",
    "image_height": null
},
{
    "orientation": "ROW",
    "weight": 4,
    "image_url": null,
    "image_width": null,
    "image_position": null,
    "id": 2744,
    "title": "4",
    "created": "2013-02-18T17:38:22+0200",
    "modified": "2013-02-18T17:38:22+0200",
    "image_height": null
},
{
    "orientation": "ROW",
    "weight": 5,
    "image_url": null,
    "image_width": null,
```

```
                    "image_position": null,
                    "id": 2745,
                    "title": "5",
                    "created": "2013-02-18T17:38:22+0200",
                    "modified": "2013-02-18T17:38:22+0200",
                    "image_height": null
                }
            ]
        }
    ],
    "preface": "Your opinion means a lot to us. Thank you for it.",
    "id": 417,
    "hash_key": "388b36aa2647156312f22d25daf6388b17613358",
    "title": "Example survey",
    "segments": [
        {
            "finish_url": "",
            "is_repeatable": false,
            "email_threshold": 1,
            "id": 421,
            "password": "",
            "permission_level": "PUBLIC",
            "statistics_policy": "PRIVATE",
            "hash_key": "89d84d3158c62569ae100eca77d99e54e89ebbe7",
            "is_quiz_result_visible": false,
            "title": "Default segment",
            "date_from": "2013-02-06T08:41:00+0200",
            "finish_url_title": "",
            "count_questions": null,
            "duration": 0,
            "is_active": true,
            "is_quiz_correct_options_visible": false,
            "date_to": null,
            "is_viewable": true,
            "slug": "",
            "is_shuffle": false,
            "is_anonymous": false,
            "created": "2013-02-06T08:41:49+0200",
            "modified": "2014-03-25T08:39:58+0200"
        }
    ],
    "created": "2013-02-06T08:41:49+0200",
    "modified": "2014-03-25T08:39:45+0200",
    "postface": "Thank you for participating in the survey.",
    "css": null
}
```

3.3 Voting

Path:	`/voting/{segment_id}/vote/`
HTTP method:	`POST`
Basic Auth Required:	`Yes, if user_id attribute is specified in input values.`

Attribute	Type	Description
Input values:		
voter	object	information about voting respondent
voted_questions	array	list of question identifiers voter has voted in
answers	array	list of voter answers
Voter object values:		
user_id	integer	user id of voting user (optional)
voting_started	datetime	timestamp of datetime when user started voting in survey
Answer object values:		
question_id	integer	question id
option_id	integer	option id (if question has options)
option_column_id	integer	column option id (if question has column options)
custom	string	custom answer (if question kind allows it)
Return values:		
voter	object	voter/respondent object
Voter object values:		
id	integer	voter id
user_id	integer	user id (or null if anonymous)
segment_id	integer	segment id
quiz_result	number	voter quiz result in percentage (if survey is quiz)
hash_key	string	hash key
ip_address	string	IP address
latitude	string	latitude
longitude	string	longitude
continent_code	string	continent code
country_code	string	country code
country_name	string	country name
city	string	city
area_code	string	area code
voting_started	datetime	timestamp of datetime when user started voting in survey

voting_ended	datetime	timestamp of datetime when user ended voting in survey
voting_duration	integer	voting duration in seconds
flag	string	custom flag
is_api_voter	boolean	true if voted through API
is_irrelevant	boolean	true if voter is marked as irrelevant
created	datetime	timestamp of voter creation
modified	datetime	timestamp of voter last modification

Info

If *user_id* is specified in *voter* input object, Basic Authentication is required. Use credentials of user with id *user_id*.

Example:

```
$ curl -i \
 -H "Content-Type: application/json" \
 -H "Authorization: Basic am9objpzbWl0aA==" \
 --data '{
 "voter": {"user_id": 123, "voting_started": "2014-04-15T09:37:00+0200"},
 "voted_questions": [1335, 1733, 1056, 1734, 1081, 1750],
 "answers": [
 {"question_id": 1335, "custom": "John Smith"},
 {"question_id": 1733, "option_id": 4659},
 {"question_id": 1733, "option_id": 4657},
 {"question_id": 1056, "option_id": 2682, "option_column_id": 2685},
 {"question_id": 1056, "option_id": 2683, "option_column_id": 2684},
 {"question_id": 1056, "option_id": 4645, "option_column_id": 2685},
 {"question_id": 1056, "option_id": 4646, "option_column_id": 4647},
 {"question_id": 1056, "option_id": 4648, "option_column_id": 4649},
 {"question_id": 1056, "option_id": 4651, "option_column_id": 4650},
 {"question_id": 1734, "option_id": 4664},
 {"question_id": 1081, "option_id": 2745},
 {"question_id": 1750, "option_id": 4687}]
 }' \
 -X POST http://www.votehub.net/api/v1/voting/421/vote/?api_key=6b46c13ab5a12845

HTTP/1.1 200 OK
Content-Type: application/json
{
    "message": "Voting successfully saved.",
    "voter": {
        "city": "Kosice",
        "user_id": 382,
        "segment_id": 421,
        "voting_started": "2014-04-15T09:37:00+0200",
        "quiz_result": 100.0,
        "voting_duration": 116,
        "area_code": 0,
        "is_api_voter": true,
        "longitude": 21.25,
        "created": "2014-04-15T09:38:58+0200",
        "voting_ended": "2014-04-15T09:38:56+0200",
        "country_name": "Slovakia",
        "flag": null,
        "is_irrelevant": false,
        "continent_code": "EU",
        "country_code": "SK",
        "modified": "2014-04-15T09:38:58+0200",
        "latitude": 48.716701507568359,
        "hash_key": "d10d83aef19e1faa76ff9be178b7f9b4f2052e70",
        "ip_address": "88.212.34.221",
        "id": 10136
    }
}
```

4 Constants

4.1 Question kinds

List of question kinds:

RADIO	Radio
CHECKBOX	Checkbox
TEXTFIELD	Textfield
TEXTAREA	Textarea
MATRIX_RADIO	Matrix radio
MATRIX_CHECKBOX	Matrix checkbox
SELECT_SINGLE	Select single
SELECT_MULTIPLE	Select multiple
STARS	Rating stars
THUMBS	Rating thumbs
DATE	Date
TIME	Time
EMAIL	Email
PHONE	Phone
GENDER	Gender

5 Contacts

Don’t hesitate to contact us if you have any problem or you found a bug:

Pragmatic Mates s.r.o.
info@pragmaticmates.com

Technical support
support@pragmaticmates.com

> **Warning**
>
> Always specify API and document version for easier problem identification.