Weezevent API

The Weezevent API gives developers of third party applications access to the database and basic functionalities of the Weezevent Ticketing solution.

Access to the API is limited to registered partners of Weezevent. All requests to the API are signed with an identifier string (API key) which is unique for each partner.

To obtain an API Key, please open your back-office, go to the "tools" tabs, there is there a menu "API KEY" where you can obtains your API Key and add users.

The API is built on HTTP and is RESTful. By default, all data is returned in JSON format.

HTTPS is required for all requests.

Fair use

The API is intended to be called by another application which handles the data for its own purpose. Therefore, data retrieved should be stored and queries should be filtered to limit API load. Some high limits are enforced to ensure global system safety and we monitor uses. We monitor API calls and we could limit access or even ban any API access key which do not make a fair use of the API or compromise Weezevent platform.

https://api.weezevent.com/doc/fair-use#top

API Base URL

https://api.weezevent.com/

API Methods Overview

URL	action
/auth/access_token	Authenticate the user and return an access token
/events	List of events to which the user has access
/dates	List of dates for one or multiple events
/tickets	List of price categories for one or multiple events
/tickets/:id/stats	Return the scan statistic for one price category
/participant/list	Return a list of participants
/participant/:id/answers	Return the inscription form answers of one participant
/scan/settings	Update the settings of the mobile control application
/scan/user	Provide a specific name for a control point
/event/:id/details	Return details for specified event
/event/search/	Search for specific events
/event/categories/	List of event categories

POST /auth/access_token

Authenticates a Weezevent user account and returns an access token. Valid user/password combinations are either organizer or partner accounts which were created via the Weezevent Ticketing Platform.

To obtain api keys, and some users go to your backoffice "Tools" tab and then "Api Key" tools.

The returned access token will be used to validate all upcoming requests. An access token is persistent. This way, the username and password needs to the transferred just once and the third party application does not need to store the username and password locally.

Resource URL

https://api.weezevent.com/auth/access_token

Parameters

Parameter	Explanation
username	String - required: Weezevent organizer or partner login
password	String - required: Weezevent organizer or partner password
api_key	String - required: Your API key

Example Request

```
POST https://api.weezevent.com/auth/access_token HTTP/1.0
content-type:application/x-www-form-urlencoded;charset=utf-8

&username=_myusername_
&password=_password_
&api_key=_monapikey_
```

Example Response

```
{
   "accessToken" : "f4b6b917cee00f13d57e3c84f56656b9"
}
```

GET /events

Returns all events to which the current user (identified by the access token) has access. By default, only published events with at least one participant will be returned.

Resource URL

https://api.weezevent.com/events

Parameters

Parameter	Explanation
access_token	String - required: API access token
api_key	String - required: Your API key
include_not_published	Boolean - optional : Whether or not to include events which are not published. Default is true.
include_closed	Boolean - optional : Whether or not to include events which are closed. Default is false.
include_without_sales	Boolean - optional : Whether or not to include events did not sell any tickets so far. Default is false.

Example Request

```
GET https://api.weezevent.com/events?api_key=monapikey&access_token=f4b6b917cee00f13d57e3c84f56656b9 HTTP/1.0
```

Example Response


```
{
   "events": [
      {
         "id": 13824,
         "name": "Event 1",
         "date": {
            "start": "2011-10-10 00:00:00",
            "end": ""
         },
         "participants": 0,
         "multiple_dates": 0,
         "sales_status" : {
            "id_status" : 1,
            "libelle_status" : "Vente en cours"
         }
      },
      {
         "id": 11435,
         "name": "Event 2",
         "date": {
            "start": "2011-11-27 00:00:00",
            "end": ""
         },
         "participants": 24,
         "multiple_dates": 1,
         "sales_status" : {
            "id_status" : 2,
            "libelle_status" : "Bientôt en vente"
         }
      }
   ]
}
```

GET /dates

Events can have either one single or multiple dates. This is indicated in the response of get/events with the variable multiple_dates. You can obtain a list of dates for these events (multiple_events=1) with this function. Each date is associated with multiple tickets (price categories).

Resource URL

https://api.weezevent.com/dates

Parameters

Parameter	Explanation
display_passed	bool - Should we return passed dates. Default false.
access_token	String - required: API access token
api_key	String - required: Your API key
id_event	String or Array - required: Id of event

Example Request

GET https://api.weezevent.com/dates?api_key=monapikey&access_token=f4b6b917cee00f13d57e3c84f56656b9&id_event[]=11435&id_event[]=10473 HTTP/1.0

Example Response


```
{
   "dates": [
      {
         "id": 138,
         "id_event": 11435,
         "date": "2013-01-10 14:20:00",
         "tickets": ["75632", "75633", "75634"]
      },
      {
         "id": 139,
         "id_event": 11435,
         "date": "2013-01-10 16:20:00",
         "tickets": ["75633", "75634"]
      },
      {
         "id": 116,
         "id_event": 10473,
         "date": "2013-02-25 11:55:00",
         "tickets": ["75632", "75633"]
      }
   ]
}
```

GET /tickets

This function returns a list of tickets associated with one or multiple events. Tickets represent different price categories (e.g. Tarif Adult, Tarif Enfant) for an event. Tickets can be nested into categories and sub-categories. The id of a ticket is most of the time an integer value, however in the case of external tickets (distributors) the id can be a string.

Resource URL

https://api.weezevent.com/tickets

Parameters

Parameter	Explanation
access_token	String - required: API access token
api_key	String - required: Your API key
id_event	String or Array - required: Id of event

Example Request

GET https://api.weezevent.com/tickets?api_key=monapikey&access_token=f4b6b917cee00f13d57e3c84f56656b9&id_event[]=10473 HTTP/1.0

Example Response


```
{
   "events": [
      {
         "id": 11435,
         "name": "Event 1",
         "tickets": [
            {
               "id": "75632",
               "name": "my default price",
               "price": 10,
               "participants": 110,
               "quota": 400,
               "start_sale": null,
               "end_sale": "2013-01-29T13:00:00+0000"
            },
            {
               "id": "ABCDE125632",
               "name": "Tarif 2",
               "price": 12,
               "participants": 800,
               "quota": 1200,
               "start_sale": "2013-01-23T11:00:00+0000",
               "end_sale": "2013-01-29T13:00:00+0000"
            }
         ],
         "categories": [
            {
               "id": "11745",
               "name": "Categorie 1",
               "tickets": [
                  {
                     "id": "44272",
                     "name": "b2",
                     "price": 9.99,
                     "participants": 99
```

```
                "participants": 0,
                "quota": 0,
                "start_sale": "2013-01-23T11:00:00+0000",
                "end_sale": "2013-01-29T13:00:00+0000"
              }
            ],
            "categories": [
              {
                "id": "11746",
                "name": "Sous Categorie 1",
                "tickets": [
                  {
                    "id": "65632",
                    "name": "b3",
                    "price": 0,
                    "participants": 210,
                    "quota": 0,
                    "start_sale": "2013-01-23T11:00:00+0000",
                    "end_sale": "2013-01-29T13:00:00+0000"

                  },
                  {
                    "id": "65638",
                    "name": "b4",
                    "price": 10,
                    "participants": 190,
                    "quota": 0,
                    "start_sale": "2013-01-23T11:00:00+0000",
                    "end_sale": "2013-01-29T13:00:00+0000"
                  }
                ]
              }
            ]
          }
        ]
    },
    {
      "id": 10473,
      "name": "Event 2",
      "tickets": [
        {
          "id": "40413",
          "name": "Billet 1",
          "price": 10,
          "participants": 0,
          "quota": 100,
          "start_sale": "2013-01-23T11:00:00+0000",
          "end_sale": "2013-01-29T13:00:00+0000"
        }
      ],
      "categories": [
        {
          "id": 4654,
          "name": "Categorie 1",
          "tickets": [
            {
              "id": 42637,
              "name": "Billet 2",
              "price": 0,
              "start_sale": "2013-01-23T11:00:00+0000",
              "end_sale": "2013-01-29T13:00:00+0000"
            }
          ],
          "categories": [
            {
              "id": "4655",
              "name": "Sous categorie 1",
              "tickets": [
                {
                  "id": "42638",
                  "name": "Billet 3",
                  "price": 10,
                  "participants": 110,
```

```
                        "quota": 110,
                        "start_sale": "2013-01-23T11:00:00+0000",
                        "end_sale": "2013-01-29T13:00:00+0000"
                     }
                  ]
               }
            ]
         },
         {
            "id": "5998",
            "name": "Categorie 2",
            "tickets": [
               {
                  "id": "42639",
                  "name": "Billet 4",
                  "price": 10,
                  "participants": 1011,
                  "quota": 1100,
                  "start_sale": "2013-01-23T11:00:00+0000",
                  "end_sale": "2013-01-29T13:00:00+0000"
               }
            ]
         }
      ]
   }
]
}
```

GET /tickets/:id/stats

This function is solely used for access control scenarios. It returns the scan statistic for one price category.

Resource URL

https://api.weezevent.com/tickets/:id/stats

Parameters

Parameter	Explanation
access_token	String - required: API access token
api_key	String - required: Your API key
id_date	String - optional: id of date

Example Request

GET https://api.weezevent.com/tickets/44272/stats?api_key=monapikey&access_token=f4b6b917cee00f13d57e3c84f56656b9&id_date=138 HTTP/1.0

Example Response


```
{
   "stats": {
      "total": 23,
      "scanned": 18,
      "in": 18,
      "out": 0
   }
}
```

GET /participant/list

This function returns a list of participants for one or multiple events, one or multiple tickets or ticket/date combinations. Depending on the type of inscription form used during the order process, either the buyer or the participant himself is indicated as “owner".

Resource URL

https://api.weezevent.com/participant/list

Parameters

Parameter	Explanation
access_token	String - required: API access token
api_key	String - required: Your API key
id_event	Array - optional: id of event
id_ticket	Array - optional: id of price category
date_ticket	Array – optional: associative array of id_date/id_ticket tuples
last_update	Date (YYYY-MM-DD HH:MM:SS) - Optional: If this parameter is given, the method will return only participants modified after this date. This parameter is mainly used in an access control scenario.
last_update_before	Date (YYYY-MM-DD HH:MM:SS) - Optional: If this parameter is given, the method will return only participants modified before this date. This parameter is mainly used in an access control scenario.
create_date_from	Date (YYYY-MM-DD HH:MM:SS) - Optional: If this parameter is given, the method will return only participants whose create_date is after this date.
include_deleted	Boolean - optional: by default set to false. Indicates whether or not deleted participants are included in the results.
moderation	Boolean – optional: by default set to false. Indicates whether or not the moderation status of a participant is included in the results (Beta).
include_unpaid	Boolean - optional: by default set to false. Indicates whether or not unpaid participants are included in the results.
full	Boolean – optional : If set to true, all inscription form answers will be included, promo-code and buyer answers in the response. Default is false.
minimized	Boolean - optional : Reduces the amount of transferred data by shortening the labels of the response. Default is false.
return_count	Boolean - optional : return number of active and deleted participants
return_count_total	Boolean - optional : return total number of participants
return_removed	Boolean - optional : return only deleted participants
max	int - optional : max result by page
page	int - optional : current page of the response
transaction_reference	Array - optional: reference of the transaction made by the participant

Example Request

(by id_event, full data)

```
GET https://api.weezevent.com/participant/list?
api_key=monapikey&access_token=58708763b57ee89003fe86e6a2ade958&id_event[]=11122&id_event[]=112331&full=1 HTTP/1.0
```

(by id_event and transaction_reference)

```
GET https://api.weezevent.com/participant/list?api_key=monapikey&access_token=58708763b57ee89003fe86e6a2ade958&id_event[]=11122&id_event[]=112331&transaction_reference[=C15E265226O63029&transaction_reference[]=C4E265226O63029 HTTP/1.0
```

#

(by id_ticket)

```
GET https://api.weezevent.com/participant/list?api_key=monapikey&access_token=58708763b57ee89003fe86e6a2ade958&id_ticket[]=63049045c39e21cc8d8e358def382cbb&id_ticket[]=121223 HTTP/1.0
```

(by date_ticket)

```
GET https://api.weezevent.com/participant/list?api_key=monapikey&access_token=58708763b57ee89003fe86e6a2ade958&date_ticket[138][]=44272&date_ticket[138][]=44274 HTTP/1.0
```

(by date_ticket and id_ticket)

```
GET https://api.weezevent.com/participant/list?api_key=monapikey&access_token=58708763b57ee89003fe86e6a2ade958&date_ticket[138][]=44272&date_ticket[138][]=44274&id_ticket[]=63049045c39e21cc8d8e358def382cbb&id_ticket[]=111212 HTTP/1.0
```

Example Response


```
{
   "participants": [
      {
         "id_participant": 7759645,
         "id_event": 49015,
         "id_date": 0,
         "id_ticket": "198251",
         "barcode": "7448370",
         "id_weez_ticket": "T6E49015O5822",
         "deleted": "0",
         "refund": "",
         "comment": "",
         "create_date": "2014-01-23 12:41:55",
         "origin": "saisir",
         "id_transaction": 2029446,
         "paid": true,
         "code_member": "CODEMEMBER",
         "transaction_reference": "C15E265226O63029",
         "control_status": {
            "status": "0",
            "scan_date": "0000-00-00 00:00:00",
            "scan_user": "0",
            "scan_user_name": ""
         },
         "promo_code": "",
         "owner": {
            "first_name": "",
            "last_name": "",
            "email": "",
            "comment": "",
            "custom_field": "",
            "origin": "saisir"
         },
         "upselling": [
            {
               "barcode": "33212392186194",
               "category": {
                  "id": 1,
                  "name": "CASHLESS"
               },
```

```
                "product": {
                    "id": 1131,
                    "name": "Préchargement cashless",
                    "reference": "PC0001"
                },
                "sub_product": {
                    "id": 135131,
                    "name": "Préchargement de 10.50€",
                    "reference": "PCP001",
                    "price": 10.50
                },
                "quantity": 1,
                "paid_price": 10.50,
                "deleted": false
            },
            {
                "barcode": "33212392186195",
                "category": {
                    "id": 1,
                    "name": "CASHLESS"
                },
                "product": {
                    "id": 1131,
                    "name": "Préchargement cashless",
                    "reference": "PC0001"
                },
                "sub_product": {
                    "id": 135132,
                    "name": "Préchargement de 15.00€",
                    "reference": "PCP002",
                    "price": 15
                },
                "quantity": 1,
                "paid_price": 15,
                "deleted": false
            }
        ]
    },
    {
        "id_participant": 7759646,
        "id_event": 49015,
        "id_date": 0,
        "id_ticket": "198251",
        "barcode": "7448371",
        "id_weez_ticket": "T7E49015O5822",
        "deleted": "0",
        "refund":"1",
        "comment": "",
        "create_date": "2014-01-23 12:41:55",
        "origin": "saisir",
        "id_transaction": 2029446,
        "paid": true,
        "code_member": "CODEMEMBER",
        "transaction_reference": "C4E265226O63029",
        "control_status": {
            "status": "0",
            "scan_date": "0000-00-00 00:00:00",
            "scan_user": "0",
            "scan_user_name": ""
        },
        "owner": {
            "first_name": "",
            "last_name": "",
            "email": "",
            "comment": "",
            "custom_field": "",
            "origin": "saisir"
        },
        "promo_code": "MY-PROMO-CODE-123"
    }
  ],
  "server_time": "2014-01-23 12:52:19"
}
```

GET /participant/:id/answers

This function returns an array of question/answer data for one participant. If no data was collected for this participant, the answers of the buyer are returned.

Resource URL

https://api.weezevent.com/participant/:id/answers

Parameters

Parameter	Explanation
access_token	String - required: API access token
api_key	String - required: Your API key
id	String - required: Participant id

Example Request

GET https://api.weezevent.com/participant/2291148/answers?api_key=monapikey&access_token=58708763b57ee89003fe86e6a2ade958 HTTP/1.0

Example Response


```
{
   "answers": [
      {
         "label": "Etes-vous accompagn\\u00e9 par un enfant de - de 12 ans sur votre v\\u00e9lo (si\\u00e8ge v\\u00e9lo enfant ou charrette)?",
         "value": "Oui"
      },
      {
         "label": "Si oui, merci de renseigner les coordonn\\u00e9es de l\\\\'enfant de - de 12 ans",
         "value": "Nom"
      }
   ]
}
```

GET /scan/settings

This function is solely used for access control applications. For each user account, the settings of the client application can be stored on the Weezevent server.

Resource URL

https://api.weezevent.com/scan/settings

Parameters

Parameter	Explanation
access_token	String - required: API access token
api_key	String - required: Your API key

Example Request

```
GET https://api.weezevent.com/api/v2/scan/settings?api_key=monapikey&access_token=58708763b57ee89003fe86e6a2ade958 HTTP/1.0
```

Example Response


```
{
    "settings": {
        "test": "test",
        "sync_interval": "120",
        "scan_device": "",
        "scan_focus": "0",
        "scan_mode": "0",
        "scan_vibration": "0",
        "scan_sound": "0"
    }
}
```

POST /scan/user

This function is solely used for access control applications. Each client application (identified by access_token) can give itself a custom name which will be used to identify the control station.

Resource URL

https://api.weezevent.com/scan/user

Parameters

Parameter	Explanation
access_token	String - required: API access token
api_key	String - required: Your API key
user	String - required: Name of the user

Example Request

```
POST https://api.weezevent.com/scan/user HTTP/1.0
content-type:application/x-www-form-urlencoded;charset=utf-8

&api_key=toto
&access_token=58708763b57ee89003fe86e6a2ade958
&user=foo
```

Example Response


```
{
   "id": "1789"
}
```

GET /event/:id/details/

This resource Is used for retrieving details for specific event. It returns an array with all details.

Resource URL

https://api.weezevent.com/event/:id/details/

Parameters

Parameter	Explanation
access_token	String - required: API access token
api_key	String - required: Your API key
:Id	Integer - required: Event ID

Example Request

GET https://api.weezevent.com/event/36799/details?api_key=monapikey&access_token=58708763b57ee89003fe86e6a2ade958 HTTP/1.0

Example Response


```
{
   "last_update": "2013-05-27T18:02:16+02:00",
   "events": {
      "id": "36799",
      "title": "API API API",
      "site_url": "",
      "description": "",
      "image": "http://weezevent.dev/uploads/evenement_affiche/affiche_36799.png?1368811166",
      "category": {
         "id": "14",
         "name": "Soir\\u00e9e clubbing"
      },
      "period": {
         "start": "2013-06-27 09:00:00",
         "end": "2013-06-30 09:00:59"
      },
      "price": {
         "min": "142.00",
         "max": "142.00"
      },
      "venue": {
         "name": "Bureau",
         "address": "110 rue des Poissonniers",
         "zip_code": "75018",
         "city": "PAris",
         "state": "",
         "country": {
            "code": "FR",
            "name": "FRANCE"
         },
         "coordinates": {
            "long": "0.0000000",
            "lat": "0.0000000"
         }
      },
      "extras": {
         "minisite_url": "http://weezevent.dev/api-api-api"
```

```
    },
    "sale_period": {
      "start": "2013-06-27 09:00:00",
      "end": "2013-06-30 09:00:00"
    },
    "dates": [
      {
        "start": "2013-06-27 09:00:00",
        "end": ""
      },
      {
        "start": "2013-06-30 09:00:00",
        "end": ""
      }
    ],
    "organizer": {
      "organization_name": "",
      "first_name": "Savic",
      "last_name": "Yasmina",
      "location": {
        "address": "110 rue des Poissonniers",
        "zip_code": "H1Y 2G5",
        "city": "Montr\\u00e9al",
        "state": "",
        "country": {
          "code": "CA",
          "name": "CANADA"
        }
      },
      "phone": "0141414141",
      "cell_phone": "",
      "fax": "",
      "email": "y.savic@weezevent.com",
      "website": "",
      "blog": ""
    }
  }
}
```

GET /event/search/

This resource is used for retrieving events registered in the partner calendar depending on some criteria. It returns an array with all matching events. Caution: This resource will returned events outside of your organization. It's usefull when you want to display a calendar of upcoming events in your town for example.

Resource URL

https://api.weezevent.com/event/search/(full/)

Parameters

Parameter	Explanation
access_token	String - required: API access token
api_key	String - required: Your API key
date	Date - optional: Retrieve events for unique date
date_start	Date – optional : Retrieve events in a period
date_end	Date – optional : Retrieve events in a period
category	Integer – optional : Search by category ID
city	String – optional: Search by city name
zip_code	String – optional: Search by postal code
country	String – optional: Search by country (ISO code)
province	String – optional: Search by province
organizer	String – optional: Search by an organizer name
max_result	Integer – optional: Number of maximal event to find

Example Request

```
GET https://api.weezevent.com/event/search/?api_key=monapikey&access_token=58708763b57ee89003fe86e6a2ade958&date_start=2013-06-01&date_end=2013-06-30&category=13&max_result=1 HTTP/1.0
```

Example Response

```
{
    "last_update": "2013-05-27T17:56:50+02:00",
    "count": 1,
    "events": [
        {
            "id": "19988",
            "title": "Inscription NODE 2012/2013",
            "site_url": "http://bxno.de",
            "description": "\\u003Cp\\u003E\\r\\n\\t\\u003Cstrong\\u003ECette inscription donne acc\\u00e8s au NODE jusqu\\u0026\#39au 31 d\\u00e9cembre 2013.\\u003C/strong\\u003E\\u003C/p\\u003E\\r\\n\\u003Cp\\u003E\\r\\n\\t\\u003Cem\\u003E(les appels \\u00e0 cotisation pour 2014 seront lanc\\u00e9 le 1er juillet 2013.)\\u003C/em\\u003E\\u003C/p\\u003E\\r\\n",
            "image": "",
            "category": {
                "id": "38",
                "name": "Dons en ligne"
            },
            "period": {
                "start": "2012-07-20 00:00:00",
                "end": "2013-06-30 23:55:59"
            },
            "price": {
                "min": "0.00",
                "max": "1000.00"
            },
            "venue": {
                "name": "",
                "address": "",
                "zip_code": "",
                "city": "",
                "state": "",
                "country": {
                    "code": null,
                    "name": null
                },
                "coordinates": {
                    "long": "0.0000000",
                    "lat": "0.0000000"
                }
            },
            "extras": {
                "minisite_url": "http://weezevent.dev/inscription-node-2012-2013"
            }
        }
    ]
}
```

GET/POST /event/categories/

This resource Is used for retrieving ours event categories.

Access for this list is public. So no need for API key and access token.

Resource URL

https://api.weezevent.com/event/categories/

Example Request

```
GET https://api.weezevent.com/event/categories/ HTTP/1.0
```

Example Response


```
{
   "last_update": "2013-05-24T16:02:27+02:00",
   "event_categories": [
      {
         "id": "14",
         "name": "Soirée clubbing",
         "name_other": "Soirée clubbing"
      },
      {
         "etc": "..."
      }
   ]
}
```


Back to Top