

# Public API

## API Description

### Application registration

To be able to use Aptito Public API you need to make several steps:

#### Step 1. Signup for Public API account

<http://ags.v2.aptito.com/oauth/signup>

#### Step 2. Register your application

Once you've done the account registration you will see the "Applications" page.

Here you can add your applications to create a new access token.

Fill in the name and url fields and click "Add application" button.

After this you will see the *Client ID* and *Client Secret* values generated for your application. Now you can use them to authorize access to public API methods from your application.

## Requesting access token

### Request

```
GET https://ags.v2.aptito.com/oauth/token?grant_type=password&username=ACCOUNT_EMAIL&password=ACCOUNT_PASSWORD[&apito_tag={apito_tag}]
```

Authorization: Basic *authorization*

*authorization value should be calculated as follows: base64("Client ID:Client Secret"),*

*where Client ID and Client Secret is the values generated for your application on "Applications" page described in previous section.*

#### **apito\_tag:**

This attribute is used to get the same access token for the same user

Each request to this URL returns a new access token. If you want to get the same token, you need to specify the same *apito\_tag* in request parameters as it was returned with access token.

## Successful response

```
{
  "access_token": "67e6759c-d188-4a88-b560-5baa3c897f65",
  "token_type": "bearer",
  "refresh_token": "cd1d9805-37e6-4a6e-b0bc-fee271e8b2ea",
  "expires_in": 86399,
  "scope": "write read",
  "apito_tag": "25fff800-a815-4eba-80f0-74c2e0db9287"
}
```

## Error response format

```
{
  "error": "error_code",
  "error_description": "error_description"
}
```

### error\_code values

- access\_denied (wrong Authorization header or it's missing)
- invalid\_credentials (wrong password)
- invalid\_email (unknown email)
- invalid\_pin (for restaurant grant\_type)
- invalid\_restaurant\_token (for restaurant grant\_type)
- invalid\_token (for invalid or expired tokens)
- inactive\_restaurant (if trial period has expired or license fee was not paid)

## Refreshing token

Access tokens have expiration period, so you have to refresh them after they are expired.

### Request

```
GET https://ags.v2.aptito.com/oauth/token?grant_type=refresh_token&refresh_token={refresh_token}&client_id={Client ID}
```

Authorization: Basic *authorization*

*refresh\_token* - refresh token from access token

*client\_application\_id* - should be the same as in authorization header used to get access token.

*authorization* value should be the same as when requesting a new token.

Response and possible errors are the same as when access token was requested.

## Making API requests

Once you have access token, you can use it to make requests to public API. Each request should contain Authorization header as follows:

```
Authorization: Bearer access_token
```

## API Methods

### List restaurants

Request	Successful Response
---------	---------------------

GET /api/public/restaurants

HTTP 200 OK

```
{
  "data": [
    {
      "id": 1,
      "name": "Some Restaurant"
    },
    {
      "id": 2,
      "name": "Restaurant 1"
    },
    {
      "id": 3,
      "name": "Restaurant 2"
    }
  ]
}
```

## Get hash sum of restaurant's menu (by restaurant id)

Returns hash for restaurants menu.

Request	Successful Response
GET /api/public/restaurants/{id}/menu_hash	HTTP 200 OK 66e699ceda995f227348a1b2950c2bed

## Get restaurant's menu (by restaurant id)

Also contains hash (menu\_hash) in response which should be identical with previous API call (/api/public/restaurants/{id}/menu\_hash) if menu wasn't changed since last call.

Comments on attributes names:

hh = happy hours

Request	Successful Response
GET /api/public/restaurants/{id}/menu	HTTP 200 OK

Response data:

```
{
  "menu_hash": "66e699ceda995f227348a1b2950c2bed",
  "menu": {
    "wines": [
      {
        "notIncludedTaxesAmountGlass": 0,
        "hhPriceGlass": 0,
        "type": "",
        "taste": "",
        "hhTotalPriceGlass": 0,
        "id": 15444,
        "order": 1,
      }
    ]
  }
}
```

```
"recommendedPlates":[

],
"description":"",
"name":"Vino",
"quantity":0,
"year":2015,
"varietals":"",
"totalPrice":0,
"countable":false,
"barcode":"",
"hhPrice":0,
"addDiscount":true,
"country":"",
"hhTotalPrice":0,
"groupId":0,
"price":0,
"hhNotIncludedTaxesAmountGlass":0,
"hhNotIncludedTaxesAmount":0,
"notIncludedTaxesAmount":0,
"active":false,
"priceGlass":0,
"components":{
  "items":[
    {
      "hhTotalPrice":0,
      "id":179,
      "groupId":99,
      "price":"999",
      "default":false,
      "order":1,
      "hhNotIncludedTaxesAmount":0,
      "name":"Bottle",
      "notIncludedTaxesAmount":0,
      "quantity":"0",
      "hhPrice":"0",
      "taxes":[

      ],
      "totalPrice":999
    }
  ],
  "groups":[
    {
      "id":99,
      "order":1,
      "name":"Size",
      "multi":false
    }
  ]
},
"shortName":"",
"totalPriceGlass":0,
"menuSubcategoryId":3,
"taxes":[

]
}
],
```

```
"barDrinks":[
  {
    "countable":false,
    "addDiscount":false,
    "hhPrice":20,
    "hhTotalPrice":420,
    "id":394,
    "menuCategoryId":113,
    "price":20,
    "order":1,
    "recommendedPlates":[
      1,
      2
    ],
    "hhNotIncludedTaxesAmount":400,
    "description":"",
    "name":"White dry",
    "notIncludedTaxesAmount":400,
    "active":true,
    "quantity":0,
    "components":{
      "items":[

    ],
      "groups":[

    ]
    },
    "shortName":"WD",
    "taxes":[
      100,
      101
    ],
    "menuSubcategoryId":3,
    "barGroupId":0,
    "totalPrice":420
  }
],
"menuCategories":[
  {
    "id":1042,
    "order":1,
    "name":"Pizza",
    "active":true,
    "menuTemplateId":307
  }
],
"barGroups":[
  {
    "id":113,
    "order":1,
    "name":"Wines",
    "active":true,
    "menuTemplateId":0
  }
],
"menuPlates":[
  {
    "byWeight":false,
```

```
"nutritions":"","  
"id":4191,  
"menuCategoryId":1112,  
"order":1,  
"deliveryPrice":-1,  
"recommendedPlates":[  
  
],  
"description":"","  
"name":"Grilled beef with Potatoe",  
"quantity":0,  
"totalPrice":0.01,  
"countable":false,  
"thImage":"gallery/1348/c_mini_1412339056images-2.jpg",  
"recommendedBarDrinks":[  
  
],  
"barcode":"","  
"image":"gallery/1348/c_1412339056images-2.jpg",  
"addDiscount":false,  
"hhPrice":12,  
"hhTotalPrice":12,  
"price":0.01,  
"recommendedWines":[  
  
],  
"hhNotIncludedTaxesAmount":0,  
"notIncludedTaxesAmount":0,  
"active":true,  
"components":{  
  "items":[  
    {  
      "hhTotalPrice":0.2,  
      "id":2464,  
      "groupId":779,  
      "price":0.2,  
      "default":false,  
      "order":1,  
      "hhNotIncludedTaxesAmount":0,  
      "name":"Red pepper",  
      "notIncludedTaxesAmount":0,  
      "quantity":"0",  
      "hhPrice":0.2,  
"happyHourPrices": [  
  {  
    "End": 1454490000,  
    "Start": 1454446860,  
    "tag": "test several clicks",  
    "primary": "302",  
    "secondary": "302"  
  }  
],  
"taxes":[  
  
  ],  
  "totalPrice":0.2  
}  
],  
"groups":[
```

```
        {
          "id":779,
          "order":1,
          "name":"Pepper",
          "multi":true
        }
      ]
    },
    "menuTemplateId":357,
    "shortName":"Grilled",
    "menuSubcategoryId":1,
    "taxes":[

    ]
  }
],
"menuSubcategories":[
  {
    "id":1,
    "name":"Food"
  }
],
"happyHoursActive":false,
"menuTemplates":[
  {
    "id":307,
    "name":"Main Menu",
    "active":false,
    "activeInPos":false
  },
  {
    "id":357,
    "name":"Dinner",
    "active":true,
    "activeInPos":false
  }
],
"taxes":[
  {
    "id":100,
    "rate":10,
    "name":"General Tax",
    "included":true
  },
  {
    "id":101,
    "rate":20,
    "name":"Custom Tax",
    "included":false
  }
]
```

```
    ]
  }
}
```

## Create order

### Request Attributes

- type - required, possible values: delivery, pickup
- deliveryNote - optional
- note - optional
- plates - required, array of plates to order
- plateType - required, possible values: menu, bar, wine
- quantity - affects only countable plates
- comment - optional

Request	Successful Response
<p>POST /api/public/restaurant/{id}/order</p> <p>Content-Type: application/json</p> <pre>{   "type": "",   "deliveryNote": "",   "note": "",   "plates": [     {       "plateId": 0,       "plateType": "",       "quantity": 0,       "comment": ""     }   ] }</pre>	<p>HTTP 200 OK</p> <pre>{   "orderHeaderId": 0,   "price": 0.0,   "taxesAmount": 0.0,   "totalPrice": 0.0,   "declinedPlates": [     {       "plateId": 0,       "plateType": ""     }   ] }</pre>

If request was failed, orderHeaderId will be -1.

$totalPrice = price + taxesAmount$

declinedPlates - array of declined plates if request was failed, empty if successful

## Pay for order

{orderId} is the "orderHeaderId" attribute from created order

cardCode - security code from card (CVV2)

This method will charge provided card for "totalPrice" returned when order was created.

Request	Successful Response
---------	---------------------



POST /api/public/restaurants/{id}/order/{orderId}/pay

HTTP 200 OK

Content-Type: application/json

```
{
  "cardNumber": "",
  "expDate": "",
  "nameOnCard": "",
  "cardCode": ""
}
```

#### Possible error codes:

- 1 - invalid restaurant id
- 5 - invalid order id
- 10006 - transaction failed to complete.

#### Errors format

##### Errors format

```
{
  "error": 0,
  "error_description": ""
}
```