

# Advixta CMS API

Advixta CMS API is based on [REST](#) architecture with [CRUD](#) functions model.

All requests and responses are using [UTF-8](#) encoding.

Any request should use authorization based on signature key forming.

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# General request format

Required header

**Accept: application/json; charset=UTF-8**

Request parameters

| Name               | Type        | Description  |
|--------------------|-------------|--|
| payload[id]        | String      | Public key   |
| payload[timestamp] | Integer     | Current timestamp ( <a href="#">Unix time</a> , GMT+0) |
| data               | JSON Object | Request data   |
| sign               | String      | Request signature                                      |

Formation of request signature

Signature formation uses [SHA-1](#) cryptographic hash function and consists of

| Name         | Description  |
|--------------|--|
| time_hash    | Hash value of “payload[timestamp]” value   |
| payload_hash | Hash value of “payload” as a stringified and minified JSON Object with options sorted in alphabetical order: “id”, “timestamp” |
| signature    | Hash value of concatenated String values of “payload_hash”, “private key” and “time_hash” in strict order of following         |

Payload

Payload value is a JSON Object of two values with keys

| Name      | Description  |
|-----------|--|
| id        | Public key   |
| timestamp | Current timestamp ( <a href="#">Unix time</a> , GMT+0) |

Finally, signature value is formed by concatenating “payload\_hash”, “time\_hash” and “signature” values using hyphen symbols (ex. payload\_hash-time\_hash-signature).

Unauthorized requests will lead to the "Authorization failed" message in the "message" field of response with code "403".

## Code examples

Requesting languages list using [Python](#)

```
import time
import hashlib
import json
import requests

public_key = "<your_public_key>"
private_key = "<your_private_key>"
timestamp = int(time.time())

def generate_signature(public_key, private_key, timestamp):
    sha_1_timehash = hashlib.sha1()
    sha_1_timehash.update(str(timestamp).encode("utf-8"))
    time_hash = sha_1_timehash.hexdigest()

    sha_1_payload = hashlib.sha1()
    sha_1_payload.update(json.dumps({"id": public_key, "timestamp":
timestamp}, separators=(",", ":"), sort_keys=True).encode("utf-8"))
    payload_hash = sha_1_payload.hexdigest()

    sha_1_signature = hashlib.sha1()
    sha_1_signature.update((payload_hash + private_key +
time_hash).encode("utf-8"))
    signature = sha_1_signature.hexdigest()

    return payload_hash + "-" + time_hash + "-" + signature

request_data = {}
request_data["payload[id]"] = public_key
request_data["payload[timestamp]"] = str(timestamp)
request_data["sign"] = generate_signature(public_key, private_key, timestamp)
request_data["data"] = {}

r = requests.get("https://cms.advixta.com/Rest/Environment/languages/",
params=json.loads(json.dumps(request_data)))
print(r.content)

#Example result
#b'{"code":0,"data":{"0":"ru","1":"en","2":"fr","3":"es","4":"ar","5":"tr"},"mes
sage":""}'
```

Requesting languages list using [PHP](#)

```
<?php
define("PUBLIC_KEY", "<your_public_key>");
define("PRIVATE_KEY", "<your_private_key>");

$timestamp = time();

function generateSignature($publicKey, $privateKey, $timestamp) {
```

```

$timeHash = sha1($timestamp);
$payload = json_encode(
    array(
        "id" => $publicKey,
        "timestamp" => $timestamp)
    );
$payloadHash = sha1($payload);
$signature = sha1($payloadHash . $privateKey . $timeHash);

return "$payloadHash-$timeHash-$signature";
}

$curlSession = curl_init();

$requestData = array(
    "payload[id]" => PUBLIC_KEY,
    "payload[timestamp]" => $timestamp,
    "sign" => generateSignature(PUBLIC_KEY, PRIVATE_KEY, $timestamp),
    "data" => []
);

curl_setopt($curlSession, CURLOPT_URL,
    "https://cms.advixta.com/Rest/Environment/languages/" .
    http_build_query($requestData));
curl_setopt($curlSession, CURLOPT_BINARYTRANSFER, true);
curl_setopt($curlSession, CURLOPT_RETURNTRANSFER, true);
echo curl_exec($curlSession);

#Example result
#{ "code":0, "data":{"0":"ru", "1":"en", "2":"fr", "3":"es", "4":"ar", "5":"tr"}, "message":"" }
?>

```



# General response format

## Response parameters

| <b>Name</b> | <b>Type</b> | <b>Description</b>                       |
|-------------|-------------|--|
| code        | Integer     | Request result code                      |
| message     | String      | Optional text description of result code |
| result      | JSON Object | Response object                          |

## HTTP status codes

| <b>Code</b> | <b>Description</b>              |
|-------------|---------------------------------|
| 200         | OK                              |
| 400         | Method does not exist           |
| 401         | No actions were applied         |
| 402         | Invalid request values          |
| 403         | Access to method is restricted  |
| 404         | Method or object does not exist |
| 415         | Request is not valid            |

# Environment controller

## Languages list

Get a list of [ISO 639-1](#) codes for available system languages.

### Endpoint

<https://cms.advixta.com/Rest/Environment/languages/>

### Request method

**GET**

### Request parameters

n/a

### Response codes

| Code | Message  |
|------|----------|
| 403  | Rejected |

### Response parameters

Array of strings with language codes

### Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    "en",
    "fr"
  ]
}
```

## Error response example

```
{  
  "code": 415,  
  "message": "Rejected"  
}
```

## Presets list

Get a list of available system presets.

### Endpoint

<https://cms.advixta.com/Rest/Environment/presets/>

### Request method

**GET**

### Request parameters

n/a

### Response codes

| Code | Message      |
|------|--------------|
| 401  | Wrong method |

### Response parameters

| Name                   | Type             | Description   |
|------------------------|------------------|---|
| id                     | String           | Globally Unique Identifier  |
| name                   | String           | Preset name   |
| main_preset            | Boolean          | Flag identifying preset as a default one for partner  |
| using_groups.inherit   | Array of Strings | List of group <a href="#">GUIDs</a> using current preset inherited from basic partner's preset  |
| using_groups.forcibly  | Array of Strings | List of group <a href="#">GUIDs</a> using current preset by manual selection                    |
| using_devices.inherit  | Array of Strings | List of device <a href="#">GUIDs</a> using current preset inherited from basic partner's preset |
| using_devices.forcibly | Array of Strings | List of device <a href="#">GUIDs</a> using current preset by manual selection                   |

|      |             |  |
|------|-------------|--|
| data | JSON Object | Object representing configuration preset |
|------|-------------|--|

### Successful response example

```

{
  "code": 0,
  "message": "",
  "result": [
    {
      "id": "be93cc8f225137136c779a9bd1d921fb",
      "name": "base preset",
      "main_preset": true,
      "using": {
        "groups": {
          "inherit": [],
          "forcibly": [
            "81c191d95f2e0890d07a3e06cbcd7ce5"
          ]
        },
        "devices": [
          "inherit": [
            "ea6cfd51cb5bd9f8fa27a640fb2fd3f2"
          ],
          "forcibly": []
        ]
      },
      "data": {<JSON object>}
    }
  ]
}

```

### Error response example

```

{
  "code": 415,
  "message": "Wrong method"
}

```

## Layouts list

Get a list of available system layouts.

### Endpoint

<https://cms.advixta.com/Rest/Environment/layouts/>

### Request method

**GET**

### Request parameters

n/a

### Response codes

| Code | Message      |
|------|--------------|
| 401  | Wrong method |

### Response parameters

| Name                   | Type             | Description   |
|------------------------|------------------|---|
| id                     | String           | Globally Unique Identifier  |
| name                   | String           | Preset name   |
| main_layout            | Boolean          | Flag identifying layout as a default one for partner  |
| using_groups.inherit   | Array of Strings | List of group <a href="#">GUIDs</a> using current layout inherited from basic partner's preset  |
| using_groups.forcibly  | Array of Strings | List of group <a href="#">GUIDs</a> using current layout by manual selection                    |
| using_devices.inherit  | Array of Strings | List of device <a href="#">GUIDs</a> using current layout inherited from basic partner's preset |
| using_devices.forcibly | Array of Strings | List of device <a href="#">GUIDs</a> using current layout by manual selection                   |

## Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    {
      "id": "852213478aeefb3daaf4bad7ce69ff52",
      "name": "base layout",
      "main_layout": true,
      "using": {
        "groups": {
          "inherit": [],
          "forcibly": [
            "81c191d95f2e0890d07a3e06cbcd7ce5"
          ]
        },
        "devices": [
          "inherit": [
            "ea6cfd51cb5bd9f8fa27a640fb2fd3f2"
          ],
          "forcibly": []
        ]
      }
    }
  ]
}
```

## Error response example

```
{
  "code": 415,
  "message": "Wrong method"
}
```

# Group controller

## Device groups

Get a list of available partner's device groups.

### Endpoint

<https://cms.advixta.com/Rest/Group/list/>

### Request method

**GET**

### Request parameters

| Name     | Type   | Required | Description                           |
|----------|--------|----------|---------------------------------------|
| name     | String | No       | Search by name fragment               |
| class    | String | No       | Search by class                       |
| city     | String | No       | Search by city name                   |
| language | String | No       | Search by main language               |
| layout   | String | No       | Search by layout <a href="#">GUID</a> |
| preset   | String | No       | Search by preset <a href="#">GUID</a> |

### Response codes

| Code | Message      |
|------|--------------|
| 401  | Wrong method |

### Response parameters

| Name | Type   | Description                |
|------|--------|----------------------------|
| id   | String | Group <a href="#">GUID</a> |



|                    |         |   |
|--------------------|---------|---|
| name               | String  | Group name  |
| preset.mode        | String  | Preset inheritance mode   |
| preset.id          | String  | Preset ID   |
| layout.mode        | String  | Layout inheritance mode   |
| layout.id          | String  | Layout ID   |
| language           | String  | Language <a href="#">ISO 639-1</a> code                         |
| geo.id             | String  | City <a href="#">GUID</a>                                       |
| geo.country        | String  | Country name, based on city attached to group                   |
| geo.state          | String  | State, region, or cantone name, based on city attached to group |
| geo.city           | String  | City name   |
| geo.latitude       | Float   | Location latitude   |
| geo.longitude      | Float   | Location longitude  |
| devices.active     | Integer | Number of active devices in group                               |
| devices.not_active | Integer | Number of inactive devices in group                             |
| devices.test       | Integer | Number of test devices in group                                 |

## Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    {
      "id": "81c191d95f2e0890d07a3e06cbcd7ce5",
      "name": "my group",
      "preset": {
        "mode": "inherit",
        "id": "be93cc8f225137136c779a9bd1d921fb",
      },
      "layout": {
        "mode": "inherit",
        "id": "852213478aee fb3daaf4bad7ce69ff52",
      },
      "class": "f33fc13f619426e3afe5ed28ee33bc42",
      "language": "en",
      "geo": {
```

```
        "id": "98d6791520121eaaf16226763e098fba",
        "country": "Switzerland",
        "state": "Canton de Genève",
        "city": "Genève",
        "latitude": 46.204391,
        "longitude": 6.143158
    }
    "devices":{
        "active": 10,
        "not_active": 5,
        "test": 1
    }
}
]
```

### Error response example

```
{
    "code": 415,
    "message": "Wrong method"
}
```

## Device group info

Get information on the selected partner's device group.

### Endpoint

<https://cms.advixta.com/Rest/Group/get/>

### Request method

**GET**

### Request parameters

| Name | Type   | Required | Description                |
|------|--------|----------|----------------------------|
| id   | String | Yes      | Group <a href="#">GUID</a> |

### Response codes

| Code | Message          |
|------|------------------|
| 401  | Wrong method     |
| 402  | Object not found |

### Response parameters

| Name        | Type   | Description                |
|-------------|--------|----------------------------|
| id          | String | Group <a href="#">GUID</a> |
| name        | String | Group name                 |
| preset.mode | String | Preset inheritance mode    |
| preset.id   | String | Preset ID                  |
| layout.mode | String | Layout inheritance mode    |
| layout.id   | String | Layout ID                  |
| class       | String | Class <a href="#">GUID</a> |

|                    |         |   |
|--------------------|---------|---|
| language           | String  | Language <a href="#">ISO 639-1</a> code                         |
| geo.country        | String  | Country name, based on city attached to group                   |
| geo.state          | String  | State, region, or cantone name, based on city attached to group |
| geo.city           | String  | City name   |
| geo.latitude       | Float   | Location latitude   |
| geo.longitude      | Float   | Location longitude  |
| devices.active     | Integer | Number of active devices in group                               |
| devices.not_active | Integer | Number of inactive devices in group                             |
| devices.test       | Integer | Number of test devices in group                                 |

### Successful response example

```
{
  "code": 0,
  "message": "",
  "result": {
    "id": "81c191d95f2e0890d07a3e06cbcd7ce5",
    "name": "my group",
    "preset": {
      "id": "be93cc8f225137136c779a9bd1d921fb",
      "mode": "inherit"
    },
    "layout": {
      "id": "852213478aeefb3daaf4bad7ce69ff52",
      "mode": "inherit"
    },
    "class": "9497a6491c1379cdd68d4437046e870c",
    "language": "en",
    "geo": {
      "country": "Switzerland",
      "state": "Canton de Genève",
      "city": "Genève",
      "latitude": 46.204391,
      "longitude": 6.143158
    }
  },
  "devices": {
    "active": ["ea6cfd51cb5bd9f8fa27a640fb2fd3f2"],
    "not_active": [],
    "test": []
  }
}
```

```
}  
  }  
}
```

### Error response example

```
{  
  "code": 415,  
  "message": "Wrong method"  
}
```

## Device group classes

Get information on partner's device classes.

### Endpoint

<https://cms.advixta.com/Rest/Group/groups/>

### Request method

GET

### Request parameters

n/a

### Response codes

| Code | Message      |
|------|--------------|
| 401  | Wrong method |

### Response parameters

| Name | Type   | Description |
|------|--------|-------------|
| id   | String | Class GUID  |
| name | String | Class name  |

### Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    {
      "id": "f33fc13f619426e3afe5ed28ee33bc42",
      "name": "Family"
    }
  ]
}
```

```
} ]
```

### Error response example

```
{  
  "code": 415,  
  "message": "Wrong method"  
}
```

# Client controller

## Client list

Get a list of the clients with information.

### Endpoint

<https://cms.advixta.com/Rest/Client/list/>

### Request method

**GET**

### Response codes

| Code | Message      |
|------|--------------|
| 401  | Wrong method |

### Request parameters

| Name    | Type   | Required | Description                      |
|---------|--------|----------|----------------------------------|
| name    | String | No       | Search by name fragment          |
| address | String | No       | Search by address fragment       |
| phone   | String | No       | Search by phone number fragment  |
| email   | String | No       | Search by email address fragment |
| person  | String | No       | Search by person name fragment   |

### Response parameters

| Name    | Type   | Description    |
|---------|--------|----------------|
| name    | String | Client name    |
| address | String | Client address |



|           |             |  |
|-----------|-------------|--|
| phone     | String      | Client phone number  |
| email     | String      | Client email address   |
| person    | String      | Client contact name  |
| campaigns | JSON Object | Campaigns status list with key representing one of the available statuses (draft, active, paused, stopped, archived) and value with a number of companies with same status |

### Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    {
      "id": "67a67f6c4acbc04dd50082ded500cf6e",
      "name": "my_client",
      "address": "Washington",
      "phone": "222-33-22"
      "email": "email@my_company.com"
      "person": "Smith, John"
      "campaigns": {
        "active": 3,
        "paused": 0,
        "draft": 1,
        "ended": 2,
        "archived": 0
      }
    }
  ]
}
```

### Error response example

```
{
  "code": 415,
  "message": "Wrong method"
}
```

## Client info

Get client information.

## Endpoint

<https://cms.advixta.com/Rest/Client/get/>

## Request method

GET

## Request parameters

| Name | Type   | Required | Description                 |
|------|--------|----------|-----------------------------|
| id   | String | Yes      | Client <a href="#">GUID</a> |

## Response codes

| Code | Message          |
|------|------------------|
| 401  | Wrong method     |
| 402  | Object not found |

## Response parameters

| Name      | Type        | Description  |
|-----------|-------------|--|
| name      | String      | Client name  |
| address   | String      | Client address   |
| phone     | String      | Client phone number  |
| email     | String      | Client email address   |
| person    | String      | Client contact name  |
| campaigns | JSON Object | Campaigns status list with key representing one of the available statuses (draft, active, paused, stopped, archived) |

|  |  |   |
|--|--|---|
|  |  | and value with a number of companies with same status |
|--|--|---|

### Successful response example

```
{
  "code": 0,
  "message": "",
  "result": {
    "id": "67a67f6c4acbc04dd50082ded500cf6e",
    "name": "my_client",
    "address": "Washington",
    "phone": "222-33-22"
    "email": "email@my_company.com"
    "person": "Smith, John"
    "campaigns": {
      "active": 3,
      "paused": 0,
      "draft": 1,
      "ended": 2,
      "archived": 0
    }
  }
}
```

### Error response example

```
{
  "code": 415,
  "message": "Wrong method"
}
```

# Device controller

## Device list

Get a list of the devices with information.

### Endpoint

<https://cms.advixta.com/Rest/Device/list/>

### Request method

GET

### Request parameters

| Name   | Type    | Required | Description   |
|--------|---------|----------|---|
| name   | String  | No       | Search by name fragment                                     |
| group  | String  | No       | Search by address fragment                                  |
| layout | String  | No       | Search by layout GUID                                       |
| preset | String  | No       | Search by preset <a href="#">GUID</a>                       |
| active | Boolean | No       | True – only active devices<br>False – only inactive devices |
| test   | Boolean | No       | True – only test devices<br>False – exclude test devices    |

### Response codes

| Code | Message      |
|------|--------------|
| 401  | Wrong method |

### Response parameters

| Name | Type | Description |
|------|------|-------------|
|------|------|-------------|

|             |         |   |
|-------------|---------|---|
| id          | String  | Device GUID   |
| name        | String  | Device name   |
| active      | Boolean | Is an active device   |
| test        | Boolean | Is a test device  |
| group       | String  | Group ID  |
| uid         | String  | Device UID  |
| created     | Integer | Device creation timestamp ( <a href="#">Unix time</a> , GMT+0)        |
| last_online | Integer | Last device connection timestamp ( <a href="#">Unix time</a> , GMT+0) |
| preset.mode | String  | Preset inheritance mode   |
| preset.id   | String  | Preset ID   |
| layout.mode | String  | Layout inheritance mode   |
| layout.id   | String  | Layout ID   |

### Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    {
      "id": "ea6cfd51cb5bd9f8fa27a640fb2fd3f2",
      "name": "my_device",
      "active": true,
      "test": false,
      "group": "81c191d95f2e0890d07a3e06cbcd7ce5",
      "uid": "e962849d06a634362e240405bb84c3da",
      "created": 1584547300,
      "last_online": 1588770928,
      "preset": [
        {
          "mode": "inherit",
          "id": "be93cc8f225137136c779a9bd1d921fb"
        }
      ],
      "layout": [
        {
          "mode": "forcibly",
          "id": "852213478aeefb3daaf4bad7ce69ff52"
        }
      ]
    }
  ]
}
```

## Error response example

```
{  
  "code": 415,  
  "message": "Wrong method"  
}
```

## Device info

Get device information.

## Endpoint

<https://cms.advixta.com/Rest/Device/get/>

## Request method

GET

## Request parameters

| Name | Type   | Required | Description                 |
|------|--------|----------|-----------------------------|
| id   | String | Yes      | Device <a href="#">GUID</a> |

## Response codes

| Code | Message          |
|------|------------------|
| 401  | Wrong method     |
| 402  | Object not found |

## Response parameters

| Name   | Type    | Description         |
|--------|---------|---------------------|
| id     | String  | Device GUID         |
| name   | String  | Device name         |
| active | Boolean | Is an active device |
| test   | Boolean | Is a test device    |
| group  | String  | Group ID            |
| uid    | String  | Device UID          |

|             |         |   |
|-------------|---------|---|
| created     | Integer | Device creation timestamp ( <a href="#">Unix time</a> , GMT+0)        |
| last_online | Integer | Last device connection timestamp ( <a href="#">Unix time</a> , GMT+0) |
| preset.mode | String  | Preset inheritance mode   |
| preset.id   | String  | Preset ID   |
| layout.mode | String  | Layout inheritance mode   |
| layout.id   | String  | Layout ID   |

### Successful response example

```
{
  "code": 0,
  "message": "",
  "result": {
    "id": "ea6cfd51cb5bd9f8fa27a640fb2fd3f2",
    "name": "my_device",
    "active": true,
    "test": false,
    "group": "81c191d95f2e0890d07a3e06cbcd7ce5",
    "uid": "e962849d06a634362e240405bb84c3da",
    "created": 1584547300,
    "last_online": 1588770928,
    "preset": [
      "mode": "inherit",
      "id": "be93cc8f225137136c779a9bd1d921fb"
    ],
    "layout": [
      "mode": "forcibly",
      "id": "852213478aeefb3daaf4bad7ce69ff52"
    ]
  }
}
```

### Error response example

```
{
  "code": 415,
  "message": "Wrong method"
}
```



# Campaign controller

## Campaign list

Get a list of the campaigns with information.

### Endpoint

<https://cms.advixta.com/Rest/Campaign/list/>

### Request method

**GET**

### Request parameters

| Name   | Type   | Required | Description                |
|--------|--------|----------|----------------------------|
| name   | String | No       | Search by name fragment    |
| group  | String | No       | Search by address fragment |
| status | String | No       | Search by status           |
| layout | String | No       | Search by layout           |
| client | String | No       | Search by client           |

### Response codes

| Code | Message          |
|------|------------------|
| 401  | Wrong method     |
| 402  | Object not found |

### Response parameters

| Name | Type   | Description                   |
|------|--------|-------------------------------|
| id   | String | Campaign <a href="#">GUID</a> |

|                    |                  |  |
|--------------------|------------------|--|
| name               | String           | Campaign name  |
| status             | Boolean          | Campaign status (draft, active, paused, stopped, archived)                     |
| group              | Array of Strings | Groups <a href="#">GUID</a> array  |
| layout             | String           | Layout <a href="#">GUID</a>  |
| location.fencing   | JSON Object      | Geo fencing options (see details below)  |
| default_language   | String           | Default language <a href="#">ISO 639-1</a> code                                |
| languages          | Array of Strings | Array of language <a href="#">ISO 639-1</a> codes                              |
| date.start         | Integer          | Company start date timestamp ( <a href="#">Unix time</a> , GMT+0)              |
| date.end           | Integer          | Company end date timestamp ( <a href="#">Unix time</a> , GMT+0)                |
| frequency          | Integer          | Company frequency  |
| goal               | Integer          | Company goal   |
| serving            | Boolean          | True – show as quickly as possible<br>False – even distribution                |
| action.type        | Boolean          | True – shows info on user interaction<br>False – opens URL on user interaction |
| action.title       | String           | Company info title (for action.type – True)                                    |
| action.subtitle    | String           | Company info subtitle (for action.type – True)                                 |
| action.address     | String           | Company info address (for action.type – True)                                  |
| action.phone       | String           | Company info phone number (for action.type – True)                             |
| action.url         | String           | Company info URL (for action.type – True)                                      |
| action.facebook    | String           | Company info Facebook link (for action.type – True)                            |
| action.instagram   | String           | Company info Instagram link (for action.type – True)                           |
| action.description | String           | Company info description (for action.type – True)                              |
| creatives          | JSON Object      | Company creatives (see details below)  |

#### Object “location.fencing” parameters

| Name      | Type  | Description                         |
|-----------|-------|-------------------------------------|
| latitude  | Float | Geo fencing radius center latitude  |
| longitude | Float | Geo fencing radius center longitude |

|        |         |                              |
|--------|---------|------------------------------|
| radius | Integer | Geo fencing radius in meters |
|--------|---------|------------------------------|

### Object "creatives" parameters

| Name      | Type    | Description                                |
|-----------|---------|--|
| id        | String  | File <a href="#">GUID</a>                  |
| frame     | String  | Creative frame name within the layout      |
| click     | String  | Company info URL (for action.type – False) |
| file.name | String  | File URL                                   |
| file.size | Integer | File size in bytes                         |
| order     | Integer | Creative index in company layout frame     |
| views     | Integer | Number of views                            |
| clicks    | Integer | Number of clicks                           |

### Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    {
      "id": "ea6cfd51cb5bd9f8fa27a640fb2fd3f2",
      "name": "my campaign",
      "status": "draft",
      "group": [
        "81c191d95f2e0890d07a3e06cbcd7ce5"
      ],
      "layout": "852213478aeefb3daaf4bad7ce69ff52",
      "location": [
        {
          "latitude": 46.204391
          "longitude": 6.143158
          "radius": 5300
        }
      ],
      "default_language": "en",
      "languages": [
        "en",

```

```

        "fr"
    ]
    "date": {
        "start": 1590958800,
        "end": 1593464400
    }
    "frequency": 300,
    "goal": 10000,
    "serving": true,
    "action": {
        "type": false,
        "title": "",
        "subtitle": "",
        "address": "",
        "phone": "",
        "url": "",
        "facebook": "",
        "instagram": "",
        "description": ""
    },
    "creatives": [
        {
            "id": "21b381c511d7bb89033c3e35683adcff",
            "frame": "video_0",
            "click": "http://www.google.com",
            "file": {
                "name":
"http://cms.advixta.com/cdbae36744b7ba871ffbd3ff8974da06.mp4
",
                "size": 1153265
            },
            "order": 1,
            "views": 100,
            "clicks": 8
        }
    ]
}

```

### Error response example

```

{
    "code": 415,
    "message": "Wrong method"
}

```

## Campaign info

Get campaign information.

### Endpoint

<https://cms.advixta.com/Rest/Campaign/get/>

### Request method

GET

### Request parameters

| Name | Type   | Required | Description   |
|------|--------|----------|---------------|
| id   | String | No       | Campaign GUID |
| name | String | No       | Campaign Name |

### Response codes

| Code | Message          |
|------|------------------|
| 401  | Wrong method     |
| 402  | Object not found |

### Response parameters

| Name   | Type             | Description  |
|--------|------------------|--|
| id     | String           | Campaign GUID  |
| name   | String           | Campaign name  |
| status | Boolean          | Campaign status (draft, active, paused, stopped, archived) |
| group  | Array of Strings | Groups GUID array  |
| layout | String           | Layout GUID  |

|                    |                  |  |
|--------------------|------------------|--|
| location.target    | String           | List of cities attached to campaign  |
| location.fencing   | JSON Object      | Geo fencing options (see details below)  |
| default_language   | String           | Default language <a href="#">ISO 639-1</a> code                                |
| languages          | Array of Strings | Array of language <a href="#">ISO 639-1</a> codes                              |
| date.start         | Integer          | Company start date timestamp ( <a href="#">Unix time</a> , GMT+0)              |
| date.end           | Integer          | Company end date timestamp ( <a href="#">Unix time</a> , GMT+0)                |
| frequency          | Integer          | Company frequency  |
| goal               | Integer          | Company goal   |
| serving            | Boolean          | True – show as quickly as possible<br>False – even distribution                |
| action.type        | Boolean          | True – shows info on user interaction<br>False – opens URL on user interaction |
| action.title       | String           | Company info title (for action.type – True)                                    |
| action.subtitle    | String           | Company info subtitle (for action.type – True)                                 |
| action.address     | String           | Company info address (for action.type – True)                                  |
| action.phone       | String           | Company info phone number (for action.type – True)                             |
| action.url         | String           | Company info URL (for action.type – True)                                      |
| action.facebook    | String           | Company info Facebook link (for action.type – True)                            |
| action.instagram   | String           | Company info Instagram link (for action.type – True)                           |
| action.description | String           | Company info description (for action.type – True)                              |
| creatives          | JSON Object      | Company creatives (see details below)  |

#### Object “location.fencing” parameters

| Name      | Type    | Description                         |
|-----------|---------|-------------------------------------|
| latitude  | Float   | Geo fencing radius center latitude  |
| longitude | Float   | Geo fencing radius center longitude |
| radius    | Integer | Geo fencing radius in meters        |

## Object “creatives” parameters

| Name      | Type    | Description                                |
|-----------|---------|--|
| id        | String  | File <a href="#">GUID</a>                  |
| frame     | String  | Creative frame name within the layout      |
| click     | String  | Company info URL (for action.type – False) |
| file.name | String  | File URL                                   |
| file.size | Integer | File size in bytes                         |
| order     | Integer | Creative index in company layout frame     |
| views     | Integer | Number of views                            |
| clicks    | Integer | Number of clicks                           |

## Successful response example

```
{
  "code": 0,
  "message": "",
  "result": {
    "id": "ea6cfd51cb5bd9f8fa27a640fb2fd3f2",
    "name": "my campaign",
    "status": "draft",
    "group": [
      "81c191d95f2e0890d07a3e06cbcd7ce5"
    ],
    "layout": "852213478aeefb3daaf4bad7ce69ff52",
    "location": {
      "target": [
        "Geneve"
      ],
      "fancing": [
        {
          "latitude": 46.204391
          "longitude": 6.143158
          "radius": 5300
        }
      ],
    },
    "default_language": "en",
  },
}
```

```

    "languages": [
      "en",
      "fr"
    ],
    "date": {
      "start": 1590958800,
      "end": 1593464400
    },
    "frequency": 300,
    "goal": 10000,
    "serving": true,
    "action": {
      "type": false,
      "title": "",
      "subtitle": "",
      "address": "",
      "phone": "",
      "url": "",
      "facebook": "",
      "instagram": "",
      "description": ""
    },
    "creatives": [
      {
        "id": "21b381c511d7bb89033c3e35683adcff",
        "frame": "video_0",
        "click": "http://www.google.com",
        "file": {
          "name":
"http://cms.advixta.com/cdbae36744b7ba871ffbd3ff8974da06.mp4",
          "size": 1153265
        },
        "order": 1,
        "views": 100,
        "clicks": 8
      }
    ]
  }
}

```

## Error response example

```

{
  "code": 415,

```



```
} "message": "Wrong method"
```

## Campaign statistics

Get campaign statistics.

### Endpoint

<https://cms.advixta.com/Rest/Campaign/statistic/>

### Request method

GET

### Request parameters

| Name   | Type    | Required | Description  |
|--------|---------|----------|--|
| id     | String  | No       | Company <a href="#">GUID</a>   |
| start  | Integer | No       | Company start date timestamp ( <a href="#">Unix time</a> , GMT+0)  |
| end    | Integer | No       | Company end date timestamp ( <a href="#">Unix time</a> , GMT+0)  |
| trip   | String  | No       | Trip <a href="#">GUID</a>  |
| device | String  | No       | Device <a href="#">GUID</a>  |
| page   | Integer | No       | Response page index (default = 0)  |
| offset | Integer | No       | Limit number of objects in response (default = 20, max = 100)  |
| order  | Boolean | No       | Sorting order:<br>True – starting from last trip by datetime<br>False – starting from first trip by datetime |

### Response codes

| Code | Message            |
|------|--------------------|
| 401  | Wrong method       |
| 402  | Campaign not found |
| 402  | Device not found   |
| 402  | Trip not found     |

|     |                         |
|-----|-------------------------|
| 402 | Wrong start or end date |
|-----|-------------------------|

## Response parameters

| Name | Type                  | Description                       |
|------|-----------------------|-----------------------------------|
| id   | String                | Company <a href="#">GUID</a>      |
| list | Array of JSON Objects | List of company views (see below) |

## Object "list" parameters

| Name        | Type                  | Description                 |
|-------------|-----------------------|-----------------------------|
| device.id   | String                | Device <a href="#">GUID</a> |
| device.name | String                | Device name                 |
| trip        | String                | Trip <a href="#">GUID</a>   |
| views       | Array of JSON Objects | Company views (see below)   |

## Object "views" parameters

| Name           | Type              | Description   |
|----------------|-------------------|---|
| creative.frame | String            | Creative frame name within the layout   |
| creative.file  | String            | Creative file URL   |
| times          | Array of Integers | List timestamps ( <a href="#">Unix time</a> , GMT+0) of content showing times within device session or trip |

## Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    {
      "id": "ea6cfd51cb5bd9f8fa27a640fb2fd3f2",
```

```

    "list": [
      {
        "device": {
          "id":
            "ea6cfd51cb5bd9f8fa27a640fb2fd3f2",
          "name": "my device"
        },
        "trip": "641f03c48914c139feb9ce46a19eb2f4",
        "views": [
          {
            "creative": {
              "frame": "video_0",
              "file":
                "http://cms.advixta.com/cdbae36744b7ba871ffbd3ff8974da06.mp4"
            },
            "time": 1592824323
          }
        ]
      }
    ]
  }
}

```

## Error response example

```

{
  "code": 415,
  "message": "Wrong method"
}

```

|  |          |
|--|----------|
| <b>General request format</b>          | <b>5</b> |
| Required header                        | 5        |
| Request parameters                     | 5        |
| Formation of request signature         | 5        |
| Payload                                | 5        |
| Code examples                          | 6        |
| Requesting languages list using Python | 6        |
| Requesting languages list using PHP    | 6        |
| <b>General response format</b>         | <b>8</b> |

|                               |           |
|-------------------------------|-----------|
| Response parameters           | 8         |
| HTTP status codes             | 8         |
| <b>Environment controller</b> | <b>9</b>  |
| Languages list                | 9         |
| Endpoint                      | 9         |
| Request method                | 9         |
| Request parameters            | 9         |
| Response codes                | 9         |
| Response parameters           | 9         |
| Successful response example   | 9         |
| Error response example        | 10        |
| Presets list                  | 11        |
| Endpoint                      | 11        |
| Request method                | 11        |
| Request parameters            | 11        |
| Response codes                | 11        |
| Response parameters           | 11        |
| Successful response example   | 12        |
| Error response example        | 12        |
| Layouts list                  | 13        |
| Endpoint                      | 13        |
| Request method                | 13        |
| Request parameters            | 13        |
| Response codes                | 13        |
| Response parameters           | 13        |
| Successful response example   | 14        |
| Error response example        | 14        |
| <b>Group controller</b>       | <b>15</b> |
| Device groups                 | 15        |
| Endpoint                      | 15        |
| Request method                | 15        |
| Request parameters            | 15        |
| Response codes                | 15        |
| Response parameters           | 15        |
| Successful response example   | 16        |
| Error response example        | 17        |
| Device group info             | 18        |
| Endpoint                      | 18        |
| Request method                | 18        |
| Request parameters            | 18        |
| Response codes                | 18        |
| Response parameters           | 18        |
| Successful response example   | 19        |

|                             |           |
|-----------------------------|-----------|
| Error response example      | 20        |
| Device group classes        | 21        |
| Endpoint                    | 21        |
| Request method              | 21        |
| Request parameters          | 21        |
| Response codes              | 21        |
| Response parameters         | 21        |
| Successful response example | 21        |
| Error response example      | 22        |
| <b>Client controller</b>    | <b>23</b> |
| Client list                 | 23        |
| Endpoint                    | 23        |
| Request method              | 23        |
| Response codes              | 23        |
| Request parameters          | 23        |
| Response parameters         | 23        |
| Successful response example | 24        |
| Error response example      | 24        |
| Client info                 | 25        |
| Endpoint                    | 25        |
| Request method              | 25        |
| Request parameters          | 25        |
| Response codes              | 25        |
| Response parameters         | 25        |
| Successful response example | 26        |
| Error response example      | 26        |
| <b>Device controller</b>    | <b>26</b> |
| Device list                 | 27        |
| Endpoint                    | 27        |
| Request method              | 27        |
| Request parameters          | 27        |
| Response codes              | 27        |
| Response parameters         | 27        |
| Successful response example | 28        |
| Error response example      | 29        |
| Device info                 | 30        |
| Endpoint                    | 30        |
| Request method              | 30        |
| Request parameters          | 30        |
| Response codes              | 30        |
| Response parameters         | 30        |
| Successful response example | 31        |
| Error response example      | 31        |

|                                      |           |
|--------------------------------------|-----------|
| <b>Campaign controller</b>           | <b>32</b> |
| Campaign list                        | 32        |
| Endpoint                             | 32        |
| Request method                       | 32        |
| Request parameters                   | 32        |
| Response codes                       | 32        |
| Response parameters                  | 32        |
| Object "location.fencing" parameters | 33        |
| Object "creatives" parameters        | 34        |
| Successful response example          | 34        |
| Error response example               | 35        |
| Campaign info                        | 36        |
| Endpoint                             | 36        |
| Request method                       | 36        |
| Request parameters                   | 36        |
| Response codes                       | 36        |
| Response parameters                  | 36        |
| Object "location.fencing" parameters | 37        |
| Object "creatives" parameters        | 38        |
| Successful response example          | 38        |
| Error response example               | 39        |
| Campaign statistics                  | 41        |
| Endpoint                             | 41        |
| Request method                       | 41        |
| Request parameters                   | 41        |
| Response codes                       | 41        |
| Response parameters                  | 42        |
| Object "list" parameters             | 42        |
| Object "views" parameters            | 42        |
| Successful response example          | 42        |
| Error response example               | 43        |
| Application type list                | 48        |
| Endpoint                             | 48        |
| Request method                       | 48        |
| Request parameters                   | 49        |
| Response codes                       | 49        |
| Response parameters                  | 49        |
| Successful response example          | 49        |
| Error response example               | 49        |
| Application widget list              | 49        |
| Endpoint                             | 50        |
| Request method                       | 50        |
| Request parameters                   | 50        |

|   |    |
|---|----|
| Response codes                                  | 50 |
| Response parameters                             | 50 |
| Successful response example                     | 50 |
| Error response example                          | 51 |
| Application layouts list                        | 51 |
| Endpoint  | 51 |
| Request method                                  | 51 |
| Request parameters                              | 51 |
| Response codes                                  | 51 |
| Response parameters                             | 51 |
| Successful response example                     | 52 |
| Error response example                          | 52 |
| Application list                                | 52 |
| Endpoint  | 52 |
| Request method                                  | 52 |
| Request parameters                              | 52 |
| Response codes                                  | 53 |
| Response parameters                             | 53 |
| Objects “image” and “icon” parameters           | 54 |
| Object “action” parameters                      | 54 |
| Object “action” parameters for widget “article” | 54 |
| Successful response example                     | 55 |
| Error response example                          | 56 |
| Application info                                | 56 |
| Endpoint  | 56 |
| Request method                                  | 56 |
| Request parameters                              | 56 |
| Response codes                                  | 56 |
| Response parameters                             | 57 |
| Objects “image” and “icon” parameters           | 57 |
| Object “action” parameters                      | 58 |
| Object “action” parameters for widget “article” | 58 |
| Successful response example                     | 59 |
| Error response example                          | 60 |
| Add external article                            | 60 |
| Endpoint  | 60 |
| Request method                                  | 60 |
| Request parameters                              | 60 |
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| Request parameters                    | 68 |
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| Response parameters                   | 68 |
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| Error response example                | 69 |

## Application type list

Get a list of applications types.

Endpoint

**<https://cms.advixta.com/Rest/Application/types/>**

Request method

**GET**

Request parameters

**n/a**

## Response codes

| Code | Message  |
|------|----------|
| 403  | Rejected |

## Response parameters

Array of strings with apps types

## Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    "button",
    "widget",
    "article",
  ]
}
```

## Error response example

```
{
  "code": 415,
  "message": "Rejected"
}
```

## Application widget list

Get a list of applications widgets.

## Endpoint

<https://cms.advixta.com/Rest/Application/widgets/>

## Request method

**GET**

## Request parameters

n/a

## Response codes

| Code | Message  |
|------|----------|
| 403  | Rejected |

## Response parameters

Array of strings with apps widgets

## Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    "admin_menu",
    "audio_content",
    "choose_language",
    "news",
    "settings",
    "settings_dialog",
    "video_content",
    "watch",
    "weather",
    "articles"
  ]
}
```

## Error response example

```
{
  "code": 415,
  "message": "Rejected"
}
```

## Application layouts list

Get a list of available application layouts.

## Endpoint

<https://cms.advixta.com/Rest/Application/layouts/>

## Request method

**GET**

## Request parameters

n/a

## Response codes

| Code | Message      |
|------|--------------|
| 401  | Wrong method |

## Response parameters

| Name | Type   | Description                |
|------|--------|----------------------------|
| id   | String | Globally Unique Identifier |
| name | String | Layout name                |

## Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    {
      "id": "852213478aeefb3daaf4bad7ce69ff52",
      "name": "base app layout",
    }
  ]
}
```

## Error response example

```
{
  "code": 415,
  "message": "Wrong method"
}
```

## Application list

Get a list of the applications with information.

### Endpoint

<https://cms.advixta.com/Rest/Application/list/>

### Request method

**GET**

### Request parameters

| Name | Type   | Required | Description             |
|------|--------|----------|-------------------------|
| name | String | No       | Search by name fragment |

## Response codes

| Code | Message          |
|------|------------------|
| 401  | Wrong method     |
| 402  | Object not found |

## Response parameters

| Name     | Type        | Description   |
|----------|-------------|---|
| id       | String      | Application <a href="#">GUID</a>  |
| title    | String      | Application title   |
| subtitle | String      | Application subtitle  |
| text     | String      | Application text  |
| adult    | Boolean     | True - application is adult   |
| parent   | JSON Object | Parent application <a href="#">GUID</a>   |
| action   | JSON Object | Action options (see details below)  |
| status   | String      | Can be "enable" or "disable"  |
| type     | String      | Can be "button", "article" or "widget"  |
| layout   | String      | Layout <a href="#">GUID</a>   |
| image    | JSON Object | Image options (see details below)   |
| icon     | JSON Object | Icon options (see details below)  |
| widget   | Boolean     | Empty value for type "button" and "article";<br>If the type is widget, than it can use values:<br>"admin_menu",<br>"audio_content",<br>"choose_language",<br>"news",<br>"settings",<br>"settings_dialog",<br>"video_content",<br>"watch",<br>"weather",<br>"articles" |

|        |        |   |
|--------|--------|---|
| clicks | String | Company info title (for action.type – True) |
|--------|--------|---|

Objects “image” and “icon” parameters

| Name   | Type    | Description       |
|--------|---------|-------------------|
| name   | String  | Original filename |
| size   | Integer | Filesize          |
| width  | Integer | Image width       |
| height | Integer | Image height      |
| link   | Integer | Link to image     |

Object “action” parameters

| Name      | Type    | Description                                |
|-----------|---------|--|
| url       | String  | File <a href="#">GUID</a>                  |
| address   | String  | Creative frame name within the layout      |
| phone     | String  | Company info URL (for action.type – False) |
| facebook  | String  | File URL                                   |
| instagram | Integer | File size in bytes                         |

Object “action” parameters for widget “article”

| Name     | Type    | Description                                |
|----------|---------|--|
| id       | String  | Article <a href="#">GUID</a>               |
| language | String  | Language <a href="#">ISO 639-1</a> code    |
| title    | String  | Article title                              |
| subtitle | String  | Article subtitle                           |
| text     | String  | Article text                               |
| link     | String  | Article link                               |
| order    | Integer | Creative index in application layout frame |
| layout   | String  | Layout <a href="#">GUID</a>                |

|                  |        |                                 |
|------------------|--------|---------------------------------|
| files.icon.id    | String | Icon file <a href="#">GUID</a>  |
| files.icon.file  | String | Link to icon                    |
| files.image.id   | String | Image file <a href="#">GUID</a> |
| files.image.file | String | Link to image                   |

## Successful response example

```
{
  "code": 0,
  "message": "",
  "result": [
    {
      "id": "135bac0a0580648017c0f800a57676ad",
      "title": "my button",
      "subtitle": "",
      "text": "",
      "adult": false,
      "parent": "",
      "action": [
        {
          "url": "",
          "address": "",
          "phone": "",
          "facebook": "",
          "instagram": ""
        }
      ],
      "status": "disable",
      "type": "button",
      "layout": "097dd8ce737c8e2466adb70454a64cfa",
      "image": {
        "name": "my_image.jpg",
        "size": 169083,
        "width": 537,
        "height": 552,
        "link":
          "http://31.131.251.136:8123/Storage/photo/source/f2508f
          02e0ca8e5d489ffdfb46709eb0.jpg"
      },
      "icon": {
        "name": "",
        "size": 0,
        "width": 0,
        "height": 0,
        "link": ""
      }
    }
  ]
}
```



```
    }
    "widget": "",
    "clicks": 0
  }
]
}
```

## Error response example

```
{
  "code": 415,
  "message": "Wrong method"
}
```

## Application info

Get application information.

## Endpoint

<https://cms.advixta.com/Rest/Application/get/>

## Request method

**GET**

## Request parameters

| Name | Type   | Required | Description      |
|------|--------|----------|------------------|
| id   | String | No       | Application GUID |

## Response codes

| Code | Message          |
|------|------------------|
| 401  | Wrong method     |
| 402  | Object not found |

## Response parameters

| Name     | Type        | Description   |
|----------|-------------|---|
| id       | String      | Application <a href="#">GUID</a>  |
| title    | String      | Application title   |
| subtitle | String      | Application subtitle  |
| text     | String      | Application text  |
| adult    | Boolean     | True - application is adult   |
| parent   | JSON Object | Parent application <a href="#">GUID</a>   |
| action   | JSON Object | Action options (see details below)  |
| status   | String      | Can be "enable" or "disable"  |
| type     | String      | Can be "button", "article" or "widget"  |
| layout   | String      | Layout <a href="#">GUID</a>   |
| image    | JSON Object | Image options (see details below)   |
| icon     | JSON Object | Icon options (see details below)  |
| widget   | Boolean     | Empty value for type "button" and "article";<br>If the type is widget, than it can use values:<br>"admin_menu",<br>"audio_content",<br>"choose_language",<br>"news",<br>"settings",<br>"settings_dialog",<br>"video_content",<br>"watch",<br>"weather",<br>"articles" |
| clicks   | Integer     | Number of clicks  |

## Objects "image" and "icon" parameters

| Name | Type    | Description       |
|------|---------|-------------------|
| name | String  | Original filename |
| size | Integer | Filesize          |

|        |         |               |
|--------|---------|---------------|
| width  | Integer | Image width   |
| height | Integer | Image height  |
| link   | Integer | Link to image |

#### Object “action” parameters

| Name      | Type    | Description                                |
|-----------|---------|--|
| url       | String  | File <a href="#">GUID</a>                  |
| address   | String  | Creative frame name within the layout      |
| phone     | String  | Company info URL (for action.type – False) |
| facebook  | String  | File URL                                   |
| instagram | Integer | File size in bytes                         |

#### Object “action” parameters for widget “article”

| Name             | Type    | Description                                |
|------------------|---------|--|
| id               | String  | Article <a href="#">GUID</a>               |
| language         | String  | Language <a href="#">ISO 639-1</a> code    |
| title            | String  | Article title                              |
| subtitle         | String  | Article subtitle                           |
| text             | String  | Article text                               |
| link             | String  | Article link                               |
| order            | Integer | Creative index in application layout frame |
| layout           | String  | Layout <a href="#">GUID</a>                |
| files.video.id   | String  | Video file <a href="#">GUID</a>            |
| files.video.file | String  | Link to video file                         |
| files.image.id   | String  | Image file <a href="#">GUID</a>            |
| files.image.file | String  | Link to image                              |

## Successful response example

```
{
  "code": 0,
  "message": "",
  "result": {
    "id": "135bac0a0580648017c0f800a57676ad",
    "title": "my button",
    "subtitle": "",
    "text": "",
    "adult": false,
    "parent": "",
    "action": [
      "url": "",
      "address": "",
      "phone": "",
      "facebook": "",
      "instagram": ""
    ],
    "status": "disable",
    "type": "button",
    "layout": "097dd8ce737c8e2466adb70454a64cfa",
    "image": {
      "name": "my_image.jpg",
      "size": 169083,
      "width": 537,
      "height": 552,
      "link": "http://31.131.251.136:8123/Storage/photo/source/f2508f02e0ca8e5d489ffdfb46709eb0.jpg"
    },
    "icon": {
      "name": "",
      "size": 0,
      "width": 0,
      "height": 0,
      "link": ""
    }
  },
  "widget": "",
  "clicks": 0
}
```

## Error response example

```
{
  "code": 415,
  "message": "Wrong method"
}
```

## Add external article

Add new article.

## Endpoint

<https://cms.advixta.com/Rest/Application/article/>

## Request method

**POST**

## Request parameters

| Name     | Type   | Required | Description  |
|----------|--------|----------|--|
| parent   | String | Yes      | Application GUID (parent application must have property "widget": "article")                 |
| layout   | String | No       | Application layout   |
| title    | String | No       | Article title  |
| subtitle | String | No       | Article subtitle   |
| text     | String | No       | Article text   |
| link     | String | No       | The URL: must be start with <a href="http://www">http://www</a> . and be accessible          |
| language | String | Yes      | Language <a href="#">ISO 639-1</a> code  |
| image    | String | No       | The URL of image: must be start with <a href="http://www">http://www</a> . and be accessible |
| icon     | String | No       | The URL of icon: must be start with <a href="http://www">http://www</a> . and be accessible  |

Note: when creating a new article, you must specify at least one parameter: text or link

## Response codes

| Code | Message                        |
|------|--------------------------------|
| 401  | Wrong method                   |
| 402  | Free text indicating the error |

## Response parameters

| Name     | Type        | Description                             |
|----------|-------------|---|
| id       | String      | Application <a href="#">GUID</a>        |
| title    | String      | Application title                       |
| subtitle | String      | Application subtitle                    |
| text     | String      | Application text                        |
| adult    | Boolean     | True - application is adult             |
| parent   | JSON Object | Parent application <a href="#">GUID</a> |
| action   | JSON Object | Action options (see details below)      |
| status   | String      | Can be "enable" or "disable"            |
| type     | String      | Can be "button", "article" or "widget"  |
| layout   | String      | Layout <a href="#">GUID</a>             |
| image    | JSON Object | Image options (see details below)       |
| icon     | JSON Object | Icon options (see details below)        |
| widget   | String      | "articles"                              |
| clicks   | Integer     | Number of clicks                        |

## Objects "image" and "icon" parameters

| Name | Type    | Description       |
|------|---------|-------------------|
| name | String  | Original filename |
| size | Integer | Filesize          |

|        |         |               |
|--------|---------|---------------|
| width  | Integer | Image width   |
| height | Integer | Image height  |
| link   | Integer | Link to image |

### Object "action" parameters

| Name             | Type    | Description                                |
|------------------|---------|--|
| id               | String  | Article <a href="#">GUID</a>               |
| language         | String  | Language <a href="#">ISO 639-1</a> code    |
| title            | String  | Article title                              |
| subtitle         | String  | Article subtitle                           |
| text             | String  | Article text                               |
| link             | String  | Article link                               |
| order            | Integer | Creative index in application layout frame |
| layout           | String  | Layout <a href="#">GUID</a>                |
| files.icon.id    | String  | Icon file <a href="#">GUID</a>             |
| files.icon.file  | String  | Link to icon                               |
| files.image.id   | String  | Image file <a href="#">GUID</a>            |
| files.image.file | String  | Link to image                              |

### Successful response example

```
{
  "code": 0,
  "message": "",
  "result": {
    "id": "135bac0a0580648017c0f800a57676ad",
    "title": "my button",
    "subtitle": "",
    "text": "",
    "adult": false,
    "parent": "",
    "action": [
      {
```

```

        "id": "d7ca6a3252374d8ca2c3a09a555fd87b",
        "language": "ru",
        "title": "my title",
        "subtitle": "",
        "text": "",
        "link": "https://www.google.com",
        "order": 0,
        "layout": "097dd8ce737c8e2466adb70454a64cfa",
        "text": {
            "image": {
                "id":
"a2149b1a0a658867b1a74f83bbcabdcc",
                "file":
"https://upload.wikimedia.org/wikipedia/commons/c/c5/JPEG_example_down.jpg"
            },
            "icon": {
                "id":
"9d629e5e26c7387bad0d94a9bdc62a8b",
                "file":
"https://upload.wikimedia.org/wikipedia/commons/e/e9/Felis_silvestris_silvestris_small_gradual_decrease_of_quality.png"
            }
        }
    ],
    "status": "disable",
    "type": "button",
    "layout": "097dd8ce737c8e2466adb70454a64cfa",
    "image": {
        "name": "my_image.jpg",
        "size": 169083,
        "width": 537,
        "height": 552,
        "link": "http://31.131.251.136:8123/Storage/photo/source/f2508f02e0ca8e5d489ffdfb46709eb0.jpg"
    },
    "icon": {
        "name": "",
        "size": 0,
        "width": 0,
        "height": 0,
        "link": ""
    }
    "widget": "",
    "clicks": 0
}

```



```
}
```

## Error response example

```
{  
  "code": 415,  
  "message": "Wrong method"  
}
```

## Update external article

Update article.

## Endpoint

**<https://cms.advixta.com/Rest/Application/replace/>**

## Request method

**PUT**

## Request parameters

| Name     | Type   | Required | Description  |
|----------|--------|----------|--|
| parent   | String | Yes      | Application GUID (parent application must have property "widget": "article")                 |
| layout   | String | No       | Application layout   |
| title    | String | No       | Article title  |
| subtitle | String | No       | Article subtitle   |
| text     | String | No       | Article text   |
| link     | String | No       | The URL: must be start with <a href="http://www">http://www</a> . and be accessible          |
| language | String | No       | Language <a href="#">ISO 639-1</a> code  |
| image    | String | No       | The URL of image: must be start with <a href="http://www">http://www</a> . and be accessible |
| icon     | String | No       | The URL of icon: must be start with <a href="http://www">http://www</a> . and be accessible  |

Note: When updating an article, you should take into account that the text or link must be filled

## Response codes

| Code | Message                        |
|------|--------------------------------|
| 401  | Wrong method                   |
| 402  | Free text indicating the error |

## Response parameters

| Name     | Type        | Description                             |
|----------|-------------|---|
| id       | String      | Application <a href="#">GUID</a>        |
| title    | String      | Application title                       |
| subtitle | String      | Application subtitle                    |
| text     | String      | Application text                        |
| adult    | Boolean     | True - application is adult             |
| parent   | JSON Object | Parent application <a href="#">GUID</a> |
| action   | JSON Object | Action options (see details below)      |
| status   | String      | Can be "enable" or "disable"            |
| type     | String      | Can be "button", "article" or "widget"  |
| layout   | String      | Layout <a href="#">GUID</a>             |
| image    | JSON Object | Image options (see details below)       |
| icon     | JSON Object | Icon options (see details below)        |
| widget   | String      | "articles"                              |
| clicks   | Integer     | Number of clicks                        |

## Objects "image" and "icon" parameters

| Name | Type    | Description       |
|------|---------|-------------------|
| name | String  | Original filename |
| size | Integer | Filesize          |

|        |         |               |
|--------|---------|---------------|
| width  | Integer | Image width   |
| height | Integer | Image height  |
| link   | Integer | Link to image |

### Object "action" parameters

| Name             | Type    | Description                                |
|------------------|---------|--|
| id               | String  | Article <a href="#">GUID</a>               |
| language         | String  | Language <a href="#">ISO 639-1</a> code    |
| title            | String  | Article title                              |
| subtitle         | String  | Article subtitle                           |
| text             | String  | Article text                               |
| link             | String  | Article link                               |
| order            | Integer | Creative index in application layout frame |
| layout           | String  | Layout <a href="#">GUID</a>                |
| files.icon.id    | String  | Icon file <a href="#">GUID</a>             |
| files.icon.file  | String  | Link to icon                               |
| files.image.id   | String  | Image file <a href="#">GUID</a>            |
| files.image.file | String  | Link to image                              |

### Successful response example

```
{
  "code": 0,
  "message": "",
  "result": {
    "id": "135bac0a0580648017c0f800a57676ad",
    "title": "my button",
    "subtitle": "",
    "text": "",
    "adult": false,
    "parent": "",
    "action": [
      {
```

```

        "id": "d7ca6a3252374d8ca2c3a09a555fd87b",
        "language": "ru",
        "title": "my title",
        "subtitle": "",
        "text": "",
        "link": "https://www.google.com",
        "order": 0,
        "layout": "097dd8ce737c8e2466adb70454a64cfa",
        "text": {
            "image": {
                "id":
"a2149b1a0a658867b1a74f83bbcabdcc",
                "file":
"https://upload.wikimedia.org/wikipedia/commons/c/c5/JPEG_example_down.jpg"
            },
            "icon": {
                "id":
"9d629e5e26c7387bad0d94a9bdc62a8b",
                "file":
"https://upload.wikimedia.org/wikipedia/commons/e/e9/Felis_silvestris_silvestris_small_gradual_decrease_of_quality.png"
            }
        }
    ],
    "status": "disable",
    "type": "button",
    "layout": "097dd8ce737c8e2466adb70454a64cfa",
    "image": {
        "name": "my_image.jpg",
        "size": 169083,
        "width": 537,
        "height": 552,
        "link": "http://31.131.251.136:8123/Storage/photo/source/f2508f02e0ca8e5d489ffdfb46709eb0.jpg"
    },
    "icon": {
        "name": "",
        "size": 0,
        "width": 0,
        "height": 0,
        "link": ""
    }
    "widget": "",
    "clicks": 0
}

```

```
}
```

## Error response example

```
{  
  "code": 415,  
  "message": "Wrong method"  
}
```

## Delete external article

Delete article.

## Endpoint

<https://cms.advixta.com/Rest/Application/drop/>

## Request method

**DELETE**

## Request parameters

| Name | Type   | Required | Description  |
|------|--------|----------|--------------|
| id   | String | Yes      | Article GUID |

## Response codes

| Code | Message        |
|------|----------------|
| 401  | Wrong method   |
| 402  | Unknown object |

## Response parameters

| Name   | Type    | Description                  |
|--------|---------|------------------------------|
| result | Boolean | TRUE if deleted successfully |

## Successful response example

```
{  
  "code": 0,  
  "message": "",  
  "result": true  
}
```

## Error response example

```
{  
  "code": 415,  
  "message": "Wrong method"  
}
```