
App-Arena.com App-Manager API Documentation

Release 1.0

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App-Arena.com provides an infrastructure to manage and scale web-apps. Developers can publish and sell own web-apps through our sales channels. Sales partners can integrate our Web-App-CMS in their third-party software solutions and sell all published apps of the platform under their name and brand.

The code of this documentation is open source, and [available on github](#). We appreciate every contribution to make this documentation better.

The main documentation for the site is organized into a couple sections:

- *Tools and Help*
- *API*
- *SDK*
- *Integrator*

Tools and Help

[API-Explorer](#) - Quick overview of all available requests and interactive testing

1.1 Glossary

1.1.1 Config-Value

Config values are used to provide content, settings and style for all applications. There is a list of different config types, which have different attributes.

Note: `data_*` parameters are different for each config type. The following table will list all parameters for all config types.

Config-Type	Parameter	Description
checkbox	• string data_caption_off • string data_caption_on • string data_label	• Caption for the 'Off'-value • Caption for the 'On'-value • Label for the checkbox
color		
css	• enum data_compiler	• [css less] Compiler to process the value with
date		
image	• string data_alt • string data_title • int data_height • int data_min_height • int data_max_height • int data_width • int data_min_width • int data_max_width • array data_format • bool data_nullable	• HTML image alt attribute • HTML image title attribute • Forced image height (when set, image will be cropped) • Minimal allowed height value for this image • Max. allowed height value for this image • Forced image width (when set, image will be cropped) • Minimal allowed width value for this image • Max. allowed width value for this image • [jpg png gif] Array of accepted image formats • Image value can be NULL or not
text	• string data_type • string data_placeholder • string data_pattern • int data_min • int data_max • int data_min_length • int data_max_length	• HTML5 input data type • HTML5 placeholder attribute • RegExp for input validation. Defines an input mask • Minimum value (validation for data_type "number") • Maximum value (validation for data_type "number") • Min. number of characters • Max. number of characters
textarea	• enum data_editor • bool data_code_view	• [wysiwyg, code, none] Rendered frontend editor • Code view allowed in the frontend
select		
multiselect		

1.1.2 Instance

An instance is a copy of an app template. Instances will be assigned to users so that they can modify and apps.

1.1.3 Template

A template is a predefined set of config values, translations and settings which can be generated instances with exactly the settings of.

2.1 API - Getting started

Note: Test all available requests in our [API-Explorer](#).

2.1.1 API key

To request restricted information from the API, you need to add an API key to your request header:

```
GET /api/v1/models HTTP/1.1
Host: v2.app-arena.com
Authorization: Basic YOURAPIKEY
```

If you do not have access to the developer section yet, please drop us an email to s.buckpesch@app-arena.com with your contact data and we will get in touch with you and send you an API key.

2.1.2 API Endpoint

All API URLs listed in this documentation are relative to `https://v2.app-arena.com/api/v1/`.

2.1.3 HTTP Verbs

The App-Arena API is a RESTful API. All requests can be made using one of the following HTTP verbs

	Valid for	Description
GET	Entity, Collection	Request a single entity or a whole collection
POST	Collection	Creates a new entity in a collection
PUT	Entity	Updates an entity
DELETE	Entity	Deletes an entity

2.1.4 Passing Request Data

Request data is passed to the API by POSTing JSON objects to the API endpoints with the appropriate parameters. The documentation for each API call will contain more detail on the parameters accepted by the call.

2.1.5 Response Formats

We respond using HTTP Status Codes so that you can see immediately if your request was successful or an error occurred. A complete list of HTTP response formats you can find here: [HTTP-Statuscodes](#)

	HTTP-Response on Success
GET	200 (OK)
POST	201 (Created)
PUT	200 (OK)
DELETE	204 (No content)

2.2 API - Companies calls

Tip: Test all of those requests in our [API-Explorer](#).

2.2.1 /companies

POST **/api/v1/companies**

Example request body

```
{
  "name"           : "New App-Arena customer. {{ $timestamp }}",
  "subdomain"      : "apparena_customer_{{ $timestamp }}",
  "address1"       : "My street 1",
  "address2"       : "My street 2",
  "zip"            : "12345",
  "city"           : "My city",
  "country"        : "DE",
  "logo"           : "https://app-manager.s3.amazonaws.com/apps/models/3/0/4/0/de_DE/AppArena",
  "color1"         : "#478AB8",
  "color2"         : "#2D343D",
  "font"           : "helvetica-neue"
}
```

Data

- **name** (*string*) – (Required) Name of the company
- **parent_id** (*integer*) – (Optional) ID of the company whose customer the newly created company should be like
- **subdomain** (*string*) – (Required) Subdomain for all apps the company will create
- **address1** (*string*) – (Optional) Address field 1, e.g. Street 1
- **address2** (*string*) – (Optional) Address field 2, e.g. Street 2
- **zip** (*string*) – (Optional) Zip code
- **city** (*string*) – (Optional) City
- **country** (*string*) – (Optional) Two letter country code
<http://en.wikipedia.org/wiki/ISO3166-1alpha-2>
- **logo** (*string*) – (Optional) Url to the company logo

- **color1** (*string*) – (Optional) Primary company color
- **color2** (*string*) – (Optional) Secondary company color
- **font** (*string*) – (Optional) Company font name

Example response body

```
{
  "address1": "My street 1",
  "address2": "My street 2",
  "city": "My city",
  "color1": "#478AB8",
  "color2": "#2D343D",
  "country": "DE",
  "id": 440,
  "logo": "https:\\\\app-manager.s3.amazonaws.com\\/apps\\/models\\/3\\/0\\/4\\/0\\/de_DE\\/AppArena_I",
  "name": "New App-Arena customer. 1430140889",
  "parent_id": 1,
  "subdomain": "apparena_customer_1430140889",
  "timestamp": 1430140930,
  "zip": "12345",
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\/api\\/v1\\/companies\\/440"
    }
  }
}
```

GET **/api/v1/companies**

Example request body

```
{
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\/api\\/v1\\/companies?page=1"
    },
    "first": {
      "href": "https:\\\\v2.app-arena.com\\/api\\/v1\\/companies"
    },
    "last": {
      "href": "https:\\\\v2.app-arena.com\\/api\\/v1\\/companies?page=1"
    }
  },
  "_embedded": {
    "data": [
      { ... },
      {
        "id": 1,
        "name": "iConsultants GmbH",
        "subdomain": "app-arena",
        "address1": "Kleingedankstr. 12",
        "zip": "50677",
        "city": "K  lle",
        "country": "DE",
        "logo": "https:\\\\app-manager.s3.amazonaws.com\\/apps\\/models\\/3\\/0\\/4\\/0\\/de_DE\\/Ap",
        "color1": "#478AB8",
```

```
        "color2": "#2D343D",
        "users": { },
        "_links": {
            "self": {
                "href": "https:\\\\v2.app-arena.com\\api\\v1\\companies\\1"
            }
        }
    }
    { ... },
]
}
```

Parameter documentation of the companies.

2.2.2 /companies/:company_id

GET /api/v1/companies/:company_id

Path arguments `company_id` – id of the company.

Example request body

```
{
  "id": 363,
  "name": "New App-Arena customer. 1429097807",
  "subdomain": "apparena_customer_1429097807",
  "address1": "My street 1",
  "address2": "My street 2",
  "zip": "12345",
  "city": "My city",
  "country": "DE",
  "logo": "https:\\\\app-manager.s3.amazonaws.com\\apps\\models\\3\\0\\4\\0\\de_DE\\AppArena_I",
  "color1": "#478AB8",
  "color2": "#2D343D",
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\companies\\363"
    }
  }
}
```

Parameter documentation of the companies.

PUT /api/v1/companies/:company_id

Path arguments `company_id` – id of the company.

Example request body

```
{
  "name"           : "Updated New Company Name _{{ $timestamp }}",
  "subdomain"      : "updated_my_subdomain_{{ $timestamp }}",
  "address1"       : "Updated My street 1",
  "address2"       : "Updated My street 2",
  "zip"            : "11112345",
  "city"           : "Updated My city",
  "country"        : "AT",
```

```

"logo"           : "https://app-manager.s3.amazonaws.com/apps/models/3/0/4/0/de_DE/AppArena_Lo
"color1"         : "#111111",
"color2"         : "#222222",
"font"           : "verdana"
}

```

Data

- **name** (*string*) – (Required) Name of the company
- **subdomain** (*string*) – (Optional) Subdomain for all apps the company will create
- **address1** (*string*) – (Optional) Address field 1, e.g. Street 1
- **address2** (*string*) – (Optional) Address field 1, e.g. Street 2
- **zip** (*string*) – (Optional) Zip code
- **city** (*string*) – (Optional) city
- **country** (*string*) – (Optional) Two letter country code
<http://en.wikipedia.org/wiki/ISO3166-1alpha-2>
- **corporate_identity** (*object*) – (Optional) Corporate Identity configuration for faster app setup (values will be used as default settings, when creating apps)
- **logo** (*string*) – (Optional) Url to the company logo
- **color1** (*string*) – (Optional) Primary company color
- **color2** (*string*) – (Optional) Secondary company color
- **font** (*string*) – (Optional) Company font name

Example response body

```

{
  "address1": "Updated My street 1",
  "address2": "Updated My street 2",
  "city": "Updated My city",
  "color1": "#111111",
  "color2": "#222222",
  "country": "AT",
  "id": 440,
  "logo": "https:\\\\app-manager.s3.amazonaws.com\\apps\\models\\3\\0\\4\\0\\de_DE\\AppArena_L
  "name": "Updated New Company Name_1430141082",
  "parent_id": 1,
  "subdomain": "updated_my_subdomain_1430141082",
  "timestamp": 1430141123,
  "zip": "11112345",
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\companies\\440"
    }
  }
}

```

DELETE **/api/v1/companies/:company_id**

Successful DELETE requests will return HTTP-Status code 204.

2.2.3 /companies/:company_id/customers

GET /api/v1/companies/:company_id/customers

Path arguments `company_id` – id of the company.

Example request body

```
{
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/companies/383/customers"
    }
  },
  "_embedded": {
    "data": [
      {
        "id": 363,
        "name": "New App-Arena customer. 1429097807",
        "subdomain": "apparena_customer_1429097807",
        "address1": "My street 1",
        "address2": "My street 2",
        "zip": "12345",
        "city": "My city",
        "country": "DE",
        "logo": "https://app-manager.s3.amazonaws.com/apps/models/3/0/4/0/de_DE",
        "color1": "#478AB8",
        "color2": "#2D343D",
        "_links": {
          "self": {
            "href": "https://v2.app-arena.com/api/v1/companies/363"
          }
        }
      }
    ]
  },
  "page_count": 0,
  "page_size": 25,
  "total_items": 0
}
```

Parameter documentation of the companies.

2.2.4 /companies/:company_id/instances

GET /api/v1/companies/:company_id/instances

Path arguments `company_id` – id of the company.

Example request body

```
{
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/companies/383/instances"
    }
  },
}
```

```
"_embedded": {
  "data": [
    {
      "active": 1,
      "base_url": "https:\\\\adventskranz.onlineapp.co\\",
      "description": "The description of my new instance.",
      "id": 9627,
      "lang_tag": "en_US",
      "m_id": 299,
      "name": "New Instance 1427295997",
      "template_id": 780,
      "timestamp": 1427296778,
      "_links": {
        "self": {
          "href": "https:\\\\v2-stage.app-arena.com\\api\\v1\\instances\\9627"
        }
      }
    }
  ]
},
"page_count": 0,
"page_size": 25,
"total_items": 0
}
```

Link to the parameter documentation.

2.2.5 /companies/:company_id/users

GET /api/v1/companies/:company_id/users

Path arguments `company_id` – id of the company.

Example request body

```
{
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\companies\\383\\users"
    }
  },
  "_embedded": {
    "data": [
      {
        "id": 8012,
        "username": "user-1429943426",
        "password": "$2y$15$6pE0VJ0CPHrnTzyx49HBjOtTQ4ywPl2CGgoewZLVV3yXKKomTyK\\C",
        "email": "extremterro@outlook.de",
        "displayName": null,
        "lang_tag": "de_DE",
        "state": 1,
        "roles": [
          "user",
          "admin"
        ],
        "company_id": 427,
        "_links": {
```

```
        "self": {
            "href": "https://v2.app-arena.com/api/v1/companies/427/users/801"
        }
    }
}

],
{
    "page_count": 1,
    "page_size": 25,
    "total_items": 1
}
```

Data

- **id** (*string*) – ID of the User
- **username** (*string*) – Username created by the User
- **password** (*string*) – Password for the User
- **email** (*string*) – Email of the current User
- **displayName** (*string*) – Username which is displayed
- **lang_tag** (*string*) – Language of the current User
- **state** (*int*) – (NOCH EINFÜGEN)
- **roles** (*string*) – Die dem User zugeteilte Rolle z.B. Admin oder User
- **company_id** (*int*) – ID of the company of the User

2.3 API - Instances calls

Tip: Test all of those requests in our [API-Explorer](#).

2.3.1 /instances

POST **/api/v1/instances**

Create a new instance

```
{
    "template_id": 780,
    "name": "New Instance {{$timestamp}}",
    "description": "The description of my new instance.",
    "lang_tag": "en_US"
}
```

Data

- **name** (*string*) – (Required) Name of the instance
- **template_id** (*integer*) – (Required) Template ID the instance should be created of
- **company_id** (*int*) – (Optional) Company_id of the company the instance should be created for

- **template_type** (*enum*) – (Optional) The entity the instance should be generated of
- **description** (*string*) – (Optional) Description of the instance.
- **lang_tag** (*enum*) – (Optional) ["sq_AL", "ar_DZ", "ar_BH", "ar_EG", "ar_IQ", "ar_JO", "ar_KW", "ar_LB", "ar_LY", "ar_MA", "ar_OM", "ar_QA", "ar_SA", "ar_SD", "ar_SY", "ar_TN", "ar_AE", "ar_YE", "be_BY", "bg_BG", "ca_ES", "zh_CN", "zh_HK", "zh_SG", "hr_HR", "cs_CZ", "da_DK", "nl_BE", "nl_NL", "en_AU", "en_CA", "en_IN", "en_IE", "en_MT", "en_NZ", "en_PH", "en_SG", "en_ZA", "en_GB", "en_US", "et_EE", "fi_FI", "fr_BE", "fr_CA", "fr_FR", "fr_LU", "fr_CH", "de_AT", "de_DE", "de_LU", "de_CH", "el_CY", "el_GR", "iw_IL", "hi_IN", "hu_HU", "is_IS", "in_ID", "ga_IE", "it_IT", "it_CH", "ja_JP", "ja_JP", "ko_KR", "lv_LV", "lt_LT", "mk_MK", "ms_MY", "mt_MT", "no_NO", "no_NO", "pl_PL", "pt_BR", "pt_PT", "ro_RO", "ru_RU", "sr_BA", "sr_ME", "sr_CS", "sr_RS", "sk_SK", "sl_SI", "es_AR", "es_BO", "es_CL", "es_CO", "es_CR", "es_DO", "es_EC", "es_SV", "es_GT", "es_HN", "es_MX", "es_NI", "es_PA", "es_PY", "es_PE", "es_PR", "es_ES", "es_US", "es_UY", "es_VE", "sv_SE", "th_TH", "th_TH", "tr_TR", "uk_UA", "vi_VN"]

Newly created instance object

```
{
  "active": 1,
  "base_url": "https://adventskranz.onlineapp.co/",
  "description": "The description of my new instance.",
  "expiration_date": "2015-04-27",
  "fb_app_id": "725444547534506",
  "fb_app_namespace": "advents-kranz",
  "fb_page_id": null,
  "fb_page_name": null,
  "fb_page_url": "",
  "id": 9865,
  "lang_tag": "en_US",
  "m_id": 299,
  "name": "New Instance 1429522046",
  "template_id": 780,
  "timestamp": 1429522082,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9865"
    }
  }
}
```

Link to the parameter documentation.

GET **/api/v1/instances**

Retrieve a list of instances.

```
{
  "_links": {
    "self": {
      "href": "https://v2-stage.app-arena.com/api/v1/instances?page=1"
    },
    "first": {
      "href": "https://v2-stage.app-arena.com/api/v1/instances"
    }
  }
}
```

```
    "last": {
      "href": "https://v2-stage.app-arena.com/api/v1/instances?page=371"
    },
    "next": {
      "href": "https://v2-stage.app-arena.com/api/v1/instances?page=2"
    }
  },
  "_embedded": {
    "data": [
      { ... },
      {
        "active": 1,
        "base_url": "https://dev.iconconsultants.eu/git/Photopuzzle-App/",
        "description": "",
        "id": 68,
        "lang_tag": "en_US",
        "m_id": 42,
        "name": "Test Photopuzzle",
        "template_id": 0,
        "_links": {
          "self": {
            "href": "https://v2-stage.app-arena.com/api/v1/instances/68"
          }
        }
      },
      { ... },
    ]
  },
  "page_count": 371,
  "page_size": 25,
  "total_items": 9270
}
```

Link to the parameter documentation.

2.3.2 /instances/:i_id

GET **/api/v1/instances/:i_id**

Path arguments **i_id** – ID of the instance.

Retrieve basic information of a single instance.

```
{
  "active": 1,
  "base_url": "https:\\\\adventskranz.onlineapp.co\\/",
  "description": "The description of my new instance.",
  "expiration_date": "2015-05-05",
  "fb_app_id": "725444547534506",
  "fb_app_namespace": "advents-kranz",
  "fb_page_id": null,
  "fb_page_name": null,
  "fb_page_url": "",
  "id": 9905,
  "lang_tag": "en_US",
  "m_id": 299,
  "name": "New Instance 1430202395",
}
```

```
"template_id": 780,
"timestamp": 1430202441,
"_links": {
  "self": {
    "href": "https://v2.app-arena.com/api/v1/instances/9905"
  }
}
}
```

Data

- **active** (*bool*) – Is this instance active or not (can it be used by the client)
- **base_url** (*string*) – Public URI to access the instance
- **description** (*string*) – Description for the instance
- **expiration_date** (*string*) – Until which date the instance can be used. Format: YYYY-MM-DD
- **fb_app_id** (*string*) – Facebook App ID used for this instance,
- **fb_app_namespace** (*string*) – Facebook App namespace used for this instance
- **fb_page_id** (*string*) – Facebook Fanpage ID the instance is installed on
- **fb_page_name** (*string*) – Facebook Fanpage Name the instance is installed on
- **fb_page_url** (*string*) – Facebook Fanpage Url the instance is installed on
- **id** (*int*) – ID of the instance
- **lang_tag** (*string*) – language of for new instances
- **m_id** (*int*) – ID of the app model of the instance
- **name** (*string*) – Name of the instance
- **template_id** (*int*) – ID of the template of this instance
- **timestamp** (*int*) – Creation/Update time on the server

PUT **/api/v1/instances/:i_id**

Path arguments **i_id** – ID of the instance.

Example request body

```
{
  "name": "This is my new instance name. It's changed!",
  "expiration_date": "2015-12-24"
}
```

[Link to the parameter documentation.](#)

Example response body

```
{
  "active": 1,
  "base_url": "https://adventskranz.onlineapp.co/",
  "description": "The description of my new instance.",
  "expiration_date": "2015-12-24",
```

```
"fb_app_id": "725444547534506",
"fb_app_namespace": "advents-kranz",
"fb_page_id": "",
"fb_page_name": "",
"fb_page_url": "https:\\\\www.facebook.com\\",
"id": 9759,
"lang_tag": "en_US",
"m_id": 299,
"name": "This is my new instance name. It's changed!",
"template_id": 780,
"timestamp": 1427960768,
"_links": {
  "self": {
    "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9759"
  }
}
```

Link to the parameter documentation.

DELETE /api/v1/instances/:i_id

Path arguments **i_id** – id of the instance.

Successful DELETE requests will return HTTP-Status code 204.

2.3.3 /instances/:i_id/configs

GET /api/v1/instances/:i_id/configs

Path arguments **i_id** – id of the instance.

Example request body

```
{
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9847\\configs?page=1"
    },
    "first": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9847\\configs"
    },
    "last": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9847\\configs?page=11"
    },
    "next": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9847\\configs?page=2"
    }
  },
  "_embedded": {
    "data": [
      { ... },
      {
        "description": "Show debug information for this instance?",
        "id": "admin_debug_mode",
        "lang_tag": "de_DE",
        "name": "[Show debug information]",
        "template_id": 0,
      }
    ]
  }
}
```

```

        "type": "checkbox",
        "value": 0,
        "_links": {
            "self": {
                "href": "https://v2.app-arena.com/api/v1/instances/9847/configs/"
            }
        },
        { ... },
    }
}

```

Documentation of the configs parameter.

2.3.4 /instances/:i_id/configs/:config_id

GET /api/v1/instances/:i_id/configs/:config_id(**checkbox**)

Path arguments

- **model_id** – ID of the config.
- **i_id** – ID of the instance.

Retrieve basic information of a single model.

```

{
    "description": "Zusätzliche Loginabfrage für Export und löschen der Userdaten, inklusive Log",
    "id": "activate_admin_secure_login",
    "instance_id": 9849,
    "lang_tag": "de_DE",
    "name": "[Admin Sicherheitslogin aktivieren]",
    "template_id": 780,
    "type": "checkbox",
    "value": 0,
    "timestamp": 1429104304,
    "_links": {
        "self": {
            "href": "https://v2.app-arena.com/api/v1/instances/9849/configs/activate_admin_secure_login"
        }
    }
}

```

Documentation of the configs parameter.

GET /api/v1/instances/:i_id/configs/:config_id(**color**)

Path arguments

- **model_id** – ID of the config.
- **i_id** – ID of the instance.

Retrieve basic information of a single model.

```

{
    "description": "Die Hintergrundfarbe betrifft alle Seiten der App, inklusive Footer. Empfehl",
    "id": "app_color_1",

```

```
"instance_id": 9849,
"lang_tag": "de_DE",
"name": "Hintergrundfarbe",
"template_id": 780,
"type": "color",
"value": "#ffffff",
"timestamp": 1429104762,
"_links": {
  "self": {
    "href": "https://v2.app-arena.com/api/v1/instances/9849/configs/app_color_1"
  }
}
```

Documentation of the configs parameter.

GET `/api/v1/instances/:i_id/configs/:config_id(css)`

Path arguments

- **model_id** – ID of the config.
- **i_id** – ID of the instance.

Retrieve basic information of a single model.

```
{
  "compiler": "less",
  "description": "Diese CSS Konfiguration wird vom Entwickler erstellt und enthält die wichtig",
  "id": "css_app",
  "instance_id": 9849,
  "lang_tag": "de_DE",
  "name": "CSS der Applikation",
  "src": "https://www.app-arena.com/uploads/apps/model/299/0/de_DE/css/css_app.css",
  "template_id": 780,
  "type": "css",
  "value": "Here you find the complete styling of the application.",
  "timestamp": 1429104816,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9849/configs/css_app"
    }
  }
}
```

Documentation of the configs parameter.

GET `/api/v1/instances/:i_id/configs/:config_id(date)`

Path arguments

- **model_id** – ID of the config.
- **i_id** – ID of the instance.

Retrieve basic information of a single model.

```
{
  "description": "Nutzer können ab 0.01 Uhr des von Ihnen festgelegten Datums teilnehmen.",
  "id": "door_11_validity_period_start",

```

```

    "instance_id": 9849,
    "lang_tag": "de_DE",
    "name": "Startdatum für die Teilnahme",
    "template_id": 780,
    "type": "date",
    "value": "2014-12-11",
    "timestamp": 1429105031,
    "_links": {
      "self": {
        "href": "https://v2.app-arena.com/api/v1/instances/9849/configs/door_11_vali
      }
    }
  }
}

```

Documentation of the configs parameter.

GET `/api/v1/instances/:i_id/configs/:config_id(image)`

Path arguments

- **model_id** – ID of the config.
- **i_id** – ID of the instance.

Retrieve basic information of a single model.

```

{
  "description": "Das Unternehmenslogo wird auf der Header-Grafik abgebildet. Alternativ könne
  "height": "",
  "id": "app_logo",
  "instance_id": 9849,
  "lang_tag": "de_DE",
  "name": "Unternehmenslogo",
  "size": "",
  "src": "https://app-manager.s3.amazonaws.com/apps/models/2/9/9/0/de_DE/01_01_logo
  "template_id": 780,
  "type": "image",
  "value": "https://app-manager.s3.amazonaws.com/apps/models/2/9/9/0/de_DE/01_01_log
  "width": "",
  "timestamp": 1429105088,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9849/configs/app_logo"
    }
  }
}

```

Documentation of the configs parameter.

GET `/api/v1/instances/:i_id/configs/:config_id(multiselect)`

Path arguments

- **model_id** – ID of the config.
- **i_id** – ID of the instance.

Retrieve basic information of a single model.

```
{
  "description": "Geben Sie hier an, welche Art von Inhalten Sie hinter dem Türchen anzeigen m",
  "id": "door_1_pages_activated",
  "instance_id": 9849,
  "lang_tag": "de_DE",
  "name": "Inhalte des Türchens",
  "source": [
    {
      "value": "none",
      "text": "Keine Seite"
    },
    {
      "value": "page",
      "text": "Inhaltsseite"
    },
    {
      "value": "quiz",
      "text": "Quiz-Seite"
    }
  ],
  "template_id": 780,
  "type": "multiselect",
  "value": [
    "page",
    "quiz"
  ],
  "timestamp": 1429105338,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9849/configs/door_1_pages"
    }
  }
}
```

Documentation of the configs parameter.

GET **/api/v1/instances/:i_id/configs/:config_id(select)**

Path arguments

- **model_id** – ID of the config.
- **i_id** – ID of the instance.

Retrieve basic information of a single model.

```
{
  "description": "Wählen Sie eine der vordefinierten Schriftarten aus oder legen Sie per CSS e",
  "id": "app_font_body",
  "instance_id": 9849,
  "lang_tag": "de_DE",
  "name": "Schriftart für Textkörper",
  "source": [
    { ... },
    {
      "value": "arial",
      "text": "Arial"
    },
    {

```

```
        "value": "delius-Swash",
        "text": "Delius Swash Caps"
      }
    { ... },
  ],
  "template_id": 780,
  "type": "select",
  "value": "source-sans-pro",
  "timestamp": 1429105490,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9849/configs/app_font_bod"
    }
  }
}
```

Documentation of the configs parameter.

GET `/api/v1/instances/:i_id/configs/:config_id(text)`

Path arguments

- **model_id** – ID of the config.
- **i_id** – ID of the instance.

Retrieve basic information of a single model.

```
{
  "description": "Die E-Mail-Adresse des Ansprechpartners wird nicht veröffentlicht oder an Dr",
  "format": "text",
  "id": "admin_mails",
  "instance_id": 9849,
  "lang_tag": "de_DE",
  "maxlength": "",
  "name": "E-Mail-Adresse des Ansprechpartners (nicht öffentlich sichtbar)",
  "placeholder": "",
  "template_id": 780,
  "type": "text",
  "value": "",
  "timestamp": 1429105669,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9849/configs/admin_mails"
    }
  }
}
```

Documentation of the configs parameter.

GET `/api/v1/instances/:i_id/configs/:config_id(textarea)`

Path arguments

- **model_id** – ID of the config.
- **i_id** – ID of the instance.

Retrieve basic information of a single model.

```
{
  "description": "<p>Erklärung, die ein Admin bestätigen muss, bevor er die Teilnehmer-Daten d",
  "id": "admin_export_terms",
  "instance_id": 9849,
  "lang_tag": "de_DE",
  "name": "[Erklärung zur Datenverwendung beim Export]",
  "template_id": 780,
  "type": "textarea",
  "value": "<h3>Erklärung zur vertraulichen Datenverwendung</h3>Hiermit bestätige ich, dass d",
  "timestamp": 1429105717,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9849/configs/admin_export"
    }
  }
}
```

Documentation of the configs parameter.

PUT **/api/v1/instances/:i_id/configs/:config_id**(checkbox)

Path arguments

- **i_id** – ID of the instance.
- **model_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of Checkbox",
  "value": false,
  "description": "Updated description of my checkbox",
  "data_caption_off": "Updated Custom Off",
  "data_caption_on": "Updated Custom On",
  "data_label": "Updated Optional label"
}
```

Example response body

```
{
  "description": "Zusätzliche Loginabfrage für Export und löschen der Userdaten, inklusive Log",
  "id": "activate_admin_secure_login",
  "instance_id": 9910,
  "lang_tag": "de_DE",
  "name": "[Admin Sicherheitslogin aktivieren]",
  "template_id": 780,
  "type": "checkbox",
  "value": 0,
  "timestamp": 1430291456,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9910/configs/activate_admin"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT `/api/v1/instances/:i_id/configs/:config_id(color)`

Path arguments

- **i_id** – ID of the instance.
- **model_id** – ID of the config.

Example request body

```
{
  "name":      "Updated Name of Color",
  "value":     "#EEEEEE",
  "description": "Updated The description of my color"
}
```

Data

- **name** (*string*) – (Optional) Name for the config value
- **value** (*string*) – (Optional) Default value for the config element
- **description** (*string*) – (Optional) Description for the instance

Example response body

```
{
  "description": "Die Hintergrundfarbe betrifft alle Seiten der App, inklusive Footer. Empfehl",
  "id": "app_color_1",
  "instance_id": 9910,
  "lang_tag": "de_DE",
  "name": "Hintergrundfarbe",
  "template_id": 780,
  "type": "color",
  "value": "#ffffff",
  "timestamp": 1430291613,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9910/configs/app_color_1"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT `/api/v1/instances/:i_id/configs/:config_id(css)`

Path arguments

- **i_id** – ID of the instance.
- **model_id** – ID of the config.

Example request body

```
{
  "name":      "Updated Name of my CSS config",
  "value":     "body { text-align:center; text-color:red; } h1.h1, h2, h3 { font-size: 30",
  "description": "Updated The description of my config value.",
}
```

```
"data_compiler": "css"
}
```

Data

- **name** (*string*) – (Optional) Name for the config value
- **value** (*string*) – (Optional) Default value for the config element
- **description** (*string*) – (Optional) Description for the instance

Example response body

```
{
  "compiler": "less",
  "description": "Diese CSS Konfiguration wird vom Entwickler erstellt und enthält die wichtig",
  "id": "css_app",
  "instance_id": 9910,
  "lang_tag": "de_DE",
  "name": "CSS der Applikation",
  "src": "https:\\\\www.app-arena.com\\uploads\\apps\\model\\299\\0\\de_DE\\css\\css_app.css",
  "template_id": 780,
  "type": "css",
  "value": "Here you find the complete styling of the application.",
  "timestamp": 1430291682,
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9910\\configs\\css_app"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT **/api/v1/instances/:i_id/configs/:config_id(date)** **DEPRECATED**

Path arguments

- **i_id** – ID of the instance.
- **model_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of my date",
  "value": "1911-02-22",
  "description": "Updated Enter a valid date"
}
```

Data

- **name** (*string*) – (Optional) Name for the config value
- **value** (*string*) – (Optional) value for the config element
- **description** (*string*) – (Optional) Description for the instance

Example response body

```
{
  "description": "Nutzer können ab 0.01 Uhr des von Ihnen festgelegten Datums teilnehmen.",
  "id": "door_11_validity_period_start",
  "instance_id": 9910,
  "lang_tag": "de_DE",
  "name": "Startdatum für die Teilnahme",
  "template_id": 780,
  "type": "date",
  "value": "2014-12-11",
  "timestamp": 1430291882,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9910/configs/door_11_vali"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT `/api/v1/instances/:i_id/configs/:config_id(image)`

Path arguments

- **i_id** – ID of the instance.
- **model_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of my image config value",
  "value": "https://app-manager.s3.amazonaws.com/apps/models/3/0/4/0/de_DE/AppArena_I",
  "description": "Updated The description of my config value.",
  "data_alt": "Updated Service Flatrate promotion image",
  "data_title": "Updated Save 25% in may on our service flatrate",
  "data_max_height": 2000,
  "data_max_width": 2000,
  "data_min_height": 200,
  "data_min_width": 200,
  "data_height": 600,
  "data_width": 1000,
  "data_format": ["jpg"],
  "data_nullable": true
}
```

Data

- **name** (*string*) – (Optional) Name for the config value
- **value** (*string*) – (Optional) value for the config element
- **description** (*string*) – (Optional) Description for the instance

Example response body

```
{
  "description": "Das Unternehmenslogo wird auf der Header-Grafik abgebildet. Alternativ könne",
  "height": "",
  "id": "app_logo",
  "instance_id": 9910,
  "lang_tag": "de_DE",
  "name": "Unternehmenslogo",
  "size": "",
  "src": "https:\\\\app-manager.s3.amazonaws.com\\apps\\models\\2\\9\\9\\0\\de_DE\\01_01_logo",
  "template_id": 780,
  "type": "image",
  "value": "https:\\\\app-manager.s3.amazonaws.com\\apps\\models\\2\\9\\9\\0\\de_DE\\01_01_log",
  "width": "",
  "timestamp": 1430291933,
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9910\\configs\\app_logo"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT `/api/v1/instances/:i_id/configs/:config_id(multiselect)`

Path arguments

- **i_id** – ID of the instance.
- **model_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of my config value",
  "description": "Updated The description of my config value.",
  "source": [
    {
      "value": "updated_value_id_1",
      "text": "Updated Text for value 1"
    },
    {
      "value": "value_id_2",
      "text": "Updated Text for value 2"
    },
    {
      "value": "updated_value_id_3",
      "text": "Updated Text for value 3"
    }
  ],
  "value": [ "page" ]
}
```

Data

- **name** (*string*) – (Optional) Name for the config value
- **value** (*array*) – (Optional) All values which should be selected by default
- **description** (*string*) – (Optional) Description for the instance

- **source** (*array*) – (Optional) All available options of the select config value

Example response body

```
{
  "description": "Geben Sie hier an, welche Art von Inhalten Sie hinter dem Türchen anzeigen m",
  "id": "door_1_pages_activated",
  "instance_id": 9910,
  "lang_tag": "de_DE",
  "name": "Inhalte des Türchens",
  "source": [
    {
      "value": "none",
      "text": "Keine Seite"
    },
    {
      "value": "page",
      "text": "Inhaltsseite"
    },
    {
      "value": "quiz",
      "text": "Quiz-Seite"
    }
  ],
  "template_id": 780,
  "type": "multiselect",
  "value": [
    "page",
    "quiz"
  ],
  "timestamp": 1430291995,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9910/configs/door_1_pages"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT `/api/v1/instances/:i_id/configs/:config_id(select)`

Path arguments

- **i_id** – ID of the instance.
- **model_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of my config value",
  "description": "The description of my config value.",
  "source": [
    {
      "value": "ubuntu",
      "text": "New Ubuntu text"
    },
    {

```

```
        "value": "updated_value_id_2",
        "text": "Updated Text for value 2"
    },
    {
        "value": "value_id_3",
        "text": "Updated Text for value 3"
    }
],
"value": "ubuntu"
}
```

Data

- **name** (*string*) – (Optional) Name for the config value
- **value** (*string*) – (Optional) Default value for the config element
- **description** (*string*) – (Optional) Description for the instance
- **source** (*array*) – (Optional) All available options of the select config value

Example response body

```
{
  "description": "Wählen Sie eine der vordefinierten Schriftarten aus oder legen Sie per CSS e",
  "id": "app_font_body",
  "instance_id": 9910,
  "lang_tag": "de_DE",
  "name": "Schriftart für Textkörper",
  "source": [
    {
      "value": "arial",
      "text": "Arial"
    },
    {
      "value": "delius-Swash",
      "text": "Delius Swash Caps"
    }
  ],
  "template_id": 780,
  "type": "select",
  "value": "source-sans-pro",
  "timestamp": 1430292095,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9910/configs/app_font_bod"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT **/api/v1/instances/:i_id/configs/:config_id(text)**

Path arguments

- **i_id** – ID of the instance.
- **model_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of my config value",
  "value": "updated@email.com",
  "description": "Updated Enter a valid Email (max. 22 lowercase characters or numbers, no white spaces)",
  "data_type": "email",
  "data_placeholder": "Updated Enter email here",
  "data_pattern": "[a-zA-Z0-9@]{22}"
}
```

Data

- **name** (*string*) – (Optional) Name of the config value
- **value** (*string*) – (Optional) value for the config element
- **description** (*string*) – (Optional) Description for the config value
- **min** (*integer*) – (Optional) Minimum value (validation for type “number”)
- **max** (*integer*) – (Optional) Maximum value (validation for type “number”)
- **max_lenght** (*integer*) – (Optional) Maximum value (validation for type “text”)
- **min_lenght** (*integer*) – (Optional) Minimum value (validation for type “text”)
- **pattern** (*string*) – (Optional) Regular expression for input validation defines an input mask

Example response body

```
{
  "description": "Die E-Mail-Adresse des Ansprechpartners wird nicht veröffentlicht oder an Dr.",
  "format": "text",
  "id": "admin_mails",
  "instance_id": 9910,
  "lang_tag": "de_DE",
  "maxlength": "",
  "name": "E-Mail-Adresse des Ansprechpartners (nicht öffentlich sichtbar)",
  "placeholder": "",
  "template_id": 780,
  "type": "text",
  "value": "",
  "timestamp": 1430292203,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/instances/9910/configs/admin_mails"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT `/api/v1/instances/:i_id/configs/:config_id(textarea)`

Path arguments

- **i_id** – ID of the instance.
- **model_id** – ID of the config.

Example request body

```
{
  "name":      "Updated Name of my config value",
  "value":      "<h1>Updated This is my default HTML content</h1>",
  "description": "Updated The description of my config value.",
  "data_editor": "code"
}
```

Data

- **name** (*string*) – (Optional) Name of the config value
- **value** (*string*) – (Optional) Default value for the config element
- **description** (*string*) – (Optional) Description for the config value
- **editor** (*enum*) – (Optional) Which editor should be shown to the user?

Example response body

```
{
  "description": "<p>Erklärung, die ein Admin bestätigen muss, bevor er die Teilnehmer-Daten d",
  "id": "admin_export_terms",
  "instance_id": 9910,
  "lang_tag": "de_DE",
  "name": "[Erklärung zur Datenverwendung beim Export]",
  "template_id": 780,
  "type": "textarea",
  "value": "<h3>Erklärung zur vertraulichen Datenverwendung</h3>Hiermit bestätige ich, dass d",
  "timestamp": 1430292255,
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9910\\configs\\admin_export"
    }
  }
}
```

Table with data_ parameters and the description of them.

DELETE **/api/v1/instances/:i_id/configs/:config_id**

Successful DELETE requests will return HTTP-Status code 204.

2.3.5 /instances/:i_id/languages

GET **/api/v1/instances/:i_id/languages**

Example request body

```
{
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9847\\languages?page=1"
    },
    "first": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9847\\languages"
    }
  }
}
```

```

    },
    "last": {
      "href": "https://v2.app-arena.com/api/v1/instances/9847/languages?page=1"
    }
  },
  "_embedded": {
    "data": [
      {
        "lang_id": 409,
        "name": "German (Germany)",
        "is_activated": 1,
        "lang_tag": "de_DE"
      },
      {
        "lang_id": 410,
        "name": "English (United States)",
        "is_activated": 0,
        "lang_tag": "en_US"
      },
      {
        "lang_id": 413,
        "name": "French (France)",
        "is_activated": 0,
        "lang_tag": "fr_FR"
      },
      {
        "lang_id": 488,
        "name": "German (Austria)",
        "is_activated": 0,
        "lang_tag": "de_AT"
      },
      {
        "lang_id": 490,
        "name": "Italian (Italy)",
        "is_activated": 0,
        "lang_tag": "it_IT"
      },
      {
        "lang_id": 524,
        "name": "Spanish (Spain)",
        "is_activated": 0,
        "lang_tag": "es_ES"
      }
    ]
  },
  "page_count": 1,
  "page_size": 25,
  "total_items": 6
}

```

Documentation for the language.

2.3.6 /instances/:i_id/languages/:lang_tag

PUT /api/v1/instances/:i_id/languages/:lang_tag

Path arguments

- **i_id** – ID of the instance.
- **lang_tag** – ID of the language.

Example request body

```
{
  "is_activated":0
}
```

Example response body

```
{
  "is_activated": 0,
  "lang_tag": "en_US",
  "timestamp": 1430141442,
  "id": "en_US",
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9903\\languages\\en_US"
    }
  }
}
```

2.3.7 /instances/:i_id/languages/:lang_tag/translations

GET /api/v1/instances/:i_id/languages/:lang_tag/translations

Path arguments

- **i_id** – ID of the instance.
- **lang_tag** – ID of the language.

Example request body

```
{
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9847\\languages\\en_US\\tra"
    },
    "first": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9847\\languages\\en_US\\tra"
    },
    "last": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9847\\languages\\en_US\\tra"
    },
    "next": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\instances\\9847\\languages\\en_US\\tra"
    }
  },
  "_embedded": {
    "data": [
      { ... },
      {
        "translation_id": "vote",
        "value": "Abstimmen"
      }
    ]
  }
}
```

```
    },
    {
      "translation_id": "please_enter_custom_field",
      "value": "Bitte geben Sie einen Wert für %s an."
    },
    {
      "translation_id": "select_video",
      "value": "Video auswählen"
    },
    { ... },
  }
}
```

Documentation for the language.

2.3.8 /instances/{i_id}/languages/:lang_tag/translation/:translation_id

PUT /api/v1/instances/{i_id}/languages/:lang_tag/translation/:translation_id

Path arguments

- **i_id** – ID of the translation.
- **lang_tag** – ID of the language.
- **translation_id** – ID of the translation.

Example request body

```
{
  "value": "UPDATED Il mio test translation!"
}
```

Data value (*string*) – (Required) Translation

Documentation for the language.

2.4 API - Models calls

Tip: Test all of those requests in our [API-Explorer](#).

2.4.1 /models

POST /api/v1/models

Create a new model

```
{
  "name": "My shiny new app",
  "description": "Using this app you will superpower your skills.",
  "base_url": "https://www.url-to-your-app.com/appsubfolder/"
}
```

Data

- **name** (*string*) – (Required) Name of the model.
- **description** (*string*) – (Optional) Description of the model.
- **base_url** (*string*) – (Optional) Public Url path to your app

Newly created model object

```
{
  "app_domain": "",
  "base_url": "https:\\\\www.url-to-your-app.com\\appsubfolder\\",
  "created_at": "2015-03-24",
  "description": "Using this app you will superpower your skills.",
  "fb_app_id": "",
  "fb_app_namespace": "",
  "fb_app_secret": "",
  "fb_canvas_url": "",
  "id": 312,
  "lang_tag": "de_DE",
  "name": "My shiny new app",
  "secret": "fd0691803888c9171abfde4ec8d00747",
  "validity": "",
  "timestamp": 1427207187,
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\models\\312"
    }
  }
}
```

GET /api/v1/models**Retrieve a list of models.**

```
{
  "_links":{ ... },
  "_embedded":{
    "data":[
      { ... },
      {
        "base_url":"https:\\\\dev.iconsultants.eu\\git\\Photopuzzle-App\\",
        "description":"A Picture Puzzle Application in which the user have to find the right",
        "id":42,
        "lang_tag":"de_DE",
        "name":"*BETA* Picture puzzle",
        "_links":{
          "self":{
            "href":"https:\\\\v2.app-arena.com\\api\\v1\\models\\42"
          }
        }
      },
      { ... },
    ]
  },
  "page_count":8,
  "page_size":25,
}
```

```
    "total_items":176
  }
```

Documentation of the models.

2.4.2 /models/:model_id

GET /api/v1/models/:model_id

Path arguments `model_id` – ID of the model.

Retrieve basic information of a single model.

```
{
  "app_domain": "your-domain.com",
  "base_url": "https://www.your-domain.com/myappsubfolder/",
  "created_at": "2015-03-05",
  "description": "Get new super-powers using this cool web-app.",
  "fb_app_id": "1234567890123456",
  "fb_app_secret": "12345678901234567890123456123456789012345678901234567890",
  "id": 310,
  "lang_tag": "de_DE",
  "name": "My Super-Power App",
  "secret": "12345678901234567890123456",
  "validity": "90",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/310"
    }
  }
}
```

Data

- **app_domain** (*string*) – Date of Build.
- **base_url** (*string*) – Error from Sphinx build process.
- **created_at** (*string*) – Build id.
- **description** (*string*) – Description for the model
- **fb_app_id** (*string*) – Facebook app id
- **fb_app_secret** (*string*) – Facebook App, used to install apps to the clients fanpages
- **id** (*string*) – ID of the model
- **lang_tag** (*string*) – Default language of for new instances
- **name** (*string*) – Name of the model
- **secret** (*string*) – Model secret, which is needed to generate a signature (e.g. Client-Browser HTTP requests to the API)
- **validity** (*int*) – How many days a new instance of this model will be available until it expires

PUT /api/v1/models/:model_id

Path arguments `model_id` – ID of the model.

Retrieve basic information of a single model.

```
{
  "name": "UPDATED New app model {{$timestamp}}",
  "description": "UPDATED This is my test description",
  "base_url": "https://UPDATED.url-to-my-app.com/myappsubfolder/",
  "lang_tag": "en_US"
}
```

Data

- **name** (*string*) – (Required) Name of the model
- **description** (*string*) – (Optional) Description of the model
- **base_url** (*string*) – (Optional) Url to the app
- **lang_tag** (*enum*) – (Optional) Default language for the model (“sq_AL”, “ar_DZ”, “ar_BH”, “ar_EG”, “ar_IQ”, “ar_JO”, “ar_KW”, “ar_LB”, “ar_LY”, “ar_MA”, “ar_OM”, “ar_QA”, “ar_SA”, “ar_SD”, “ar_SY”, “ar_TN”, “ar_AE”, “ar_YE”, “be_BY”, “bg_BG”, “ca_ES”, “zh_CN”, “zh_HK”, “zh_SG”, “hr_HR”, “cs_CZ”, “da_DK”, “nl_BE”, “nl_NL”, “en_AU”, “en_CA”, “en_IN”, “en_IE”, “en_MT”, “en_NZ”, “en_PH”, “en_SG”, “en_ZA”, “en_GB”, “en_US”, “et_EE”, “fi_FI”, “fr_BE”, “fr_CA”, “fr_FR”, “fr_LU”, “fr_CH”, “de_AT”, “de_DE”, “de_LU”, “de_CH”, “el_CY”, “el_GR”, “iw_IL”, “hi_IN”, “hu_HU”, “is_IS”, “in_ID”, “ga_IE”, “it_IT”, “it_CH”, “ja_JP”, “ja_JP”, “ko_KR”, “lv_LV”, “lt_LT”, “mk_MK”, “ms_MY”, “mt_MT”, “no_NO”, “no_NO”, “pl_PL”, “pt_BR”, “pt_PT”, “ro_RO”, “ru_RU”, “sr_BA”, “sr_ME”, “sr_CS”, “sr_RS”, “sk_SK”, “sl_SI”, “es_AR”, “es_BO”, “es_CL”, “es_CO”, “es_CR”, “es_DO”, “es_EC”, “es_SV”, “es_GT”, “es_HN”, “es_MX”, “es_NI”, “es_PA”, “es_PY”, “es_PE”, “es_PR”, “es_ES”, “es_US”, “es_UY”, “es_VE”, “sv_SE”, “th_TH”, “th_TH”, “tr_TR”, “uk_UA”, “vi_VN”)

Example response body.

```
{
  "app_domain": "",
  "base_url": "https://UPDATED.url-to-my-app.com/myappsubfolder/",
  "created_at": "2015-04-27",
  "description": "UPDATED This is my test description",
  "fb_app_id": "",
  "fb_app_namespace": "",
  "fb_app_secret": "",
  "fb_canvas_url": "",
  "id": 317,
  "lang_tag": "en_US",
  "name": "New app model 1430141524",
  "secret": "da8a0ad63edbaced92b1d99f46c4cacf",
  "validity": "",
  "timestamp": 1430141572,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/317"
    }
  }
}
```

DELETE **/api/v1/models/:model_id**

Successful DELETE requests will return HTTP-Status code 204.

2.4.3 /models/:model_id/configs

Note: `data_*` parameters are different for each config type. The following table will list all parameters for all config types.

Config-Type	Parameter	Description
checkbox	• string data_caption_off • string data_caption_on • string data_label	• Caption for the 'Off'-value • Caption for the 'On'-value • Label for the checkbox
color		
css	• enum data_compiler	• [css less] Compiler to process the value with
date		
image	• string data_alt • string data_title • int data_height • int data_min_height • int data_max_height • int data_width • int data_min_width • int data_max_width • array data_format • bool data_nullable	• HTML image alt attribute • HTML image title attribute • Forced image height (when set, image will be cropped) • Minimal allowed height value for this image • Max. allowed height value for this image • Forced image width (when set, image will be cropped) • Minimal allowed width value for this image • Max. allowed width value for this image • [jpg png gif] Array of accepted image formats • Image value can be NULL or not
text	• string data_type • string data_placeholder • string data_pattern • int data_min • int data_max • int data_min_length • int data_max_length	• HTML5 input data type • HTML5 placeholder attribute • RegExp for input validation. Defines an input mask • Minimum value (validation for data_type "number") • Maximum value (validation for data_type "number") • Min. number of characters • Max. number of characters
textarea	• enum data_editor • bool data_code_view	• [wysiwyg, code, none] Rendered frontend editor • Code view allowed in the frontend
select		
multiselect		

POST `/api/v1/models/:model_id/configs (checkbox)`

Path arguments `model_id` – ID of the model.

Retrieves a paginated list of config values of a model

```
{
  "config_id": "config_checkbox_{{$timestamp}}",
  "type": "checkbox",
  "name": "Name of Checkbox",
  "value": true,
  "description": "The description of my checkbox",
  "data_caption_off": "Custom Off",
  "data_caption_on": "Custom On",
  "data_label": "Optional label"
}
```

Data

- **config_id** (*string*) – (Required) Identifier for the new config value
- **type** (*enum*) – (Required) Type of the config element
- **name** (*string*) – (Required) Name for the config value
- **value** (*bool*) – (Required) Default value for the config element
- **description** (*string*) – (Optional) Description for the config value

Table with data_ parameters and the description of them.

Example response body.

```
{
  "description": "The description of my checkbox",
  "id": "config_checkbox_1430141851",
  "lang_tag": "en_US",
  "meta_data": [ ],
  "name": "Name of Checkbox",
  "type": "checkbox",
  "value": 1,
  "timestamp": 1430141892,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/317/configs/config_checkbox_"
    }
  }
}
```

POST **/api/v1/models/:model_id/configs(color)**

Path arguments **model_id** – ID of the model.

Retrieves a paginated list of config values of a model

```
{
  "config_id": "config_color_{{$timestamp}}",
  "type": "color",
  "name": "Name of Color",
  "value": "#335566",
  "description": "The description of my color"
}
```

Data

- **config_id** (*string*) – (Required) Identifier for the new config value
- **type** (*enum*) – (Required) Type of the config element
- **name** (*string*) – (Required) Name for the config value
- **value** (*string*) – (Required) Default value for the config element
- **description** (*string*) – (Optional) Description for the config value

Example response body.

```
{
  "description": "The description of my color",
  "id": "config_color_1430141894",
  "lang_tag": "en_US",
  "meta_data": [ ],
  "name": "Name of Color",
  "type": "color",
  "value": "#335566",
  "timestamp": 1430141935,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/317/configs/config_color_1430141894"
    }
  }
}
```

POST **/api/v1/models/:model_id/configs(css)**

Path arguments **model_id** – ID of the model.

Retrieves a paginated list of config values of a model

```
{
  "config_id": "config_css_{{timestamp}}",
  "type": "css",
  "name": "Name of my CSS config",
  "value": "body { text-align:center; } h1,h1, h2, h3 { font-size: 30px; }",
  "description": "The description of my config value.",
  "data_compiler": "less"
}
```

Data

- **config_id** (*string*) – (Required) Identifier for the new config value
- **type** (*enum*) – (Required) Type of the config element
- **name** (*string*) – (Required) Name for the config value
- **value** (*string*) – (Required) Default value for the config element
- **description** (*string*) – (Optional) Description for the config value

Table with data_ parameters and the description of them.

Example response body.

```
{
  "description": "The description of my config value.",
  "id": "config_css_1430142010",
  "lang_tag": "en_US",
  "meta_data": [ ],
  "name": "Name of my CSS config",
  "type": "css",
  "value": "body { text-align:center; } h1,h1, h2, h3 { font-size: 30px; }",
  "timestamp": 1430142051,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/317/configs/config_css_1430142010"
    }
  }
}
```

POST **/api/v1/models/:model_id/configs (date) DEPRECATED**

Path arguments `model_id` – ID of the model.

Retrieves a paginated list of config values of a model

```
{
  "config_id": "config_date_{{timestamp}}",
  "name": "Updated Name of my date",
  "type": "date",
  "value": "2011-11-11",
  "description": "Updated Enter a valid date"
}
```

Data

- **name** (*string*) – (Required) Name for the config value
- **value** (*string*) – (Required) Default value for the config element
- **description** (*string*) – (Optional) Description for the config value

Example response body.

```
{
  "description": "Updated Enter a valid date",
  "id": "config_date_1430142048",
  "lang_tag": "en_US",
  "meta_data": [ ],
  "name": "Updated Name of my date",
  "type": "date",
  "value": "2011-11-11",
  "timestamp": 1430142089,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/317/configs/config_date_1430142048"
    }
  }
}
```

POST **/api/v1/models/:model_id/configs (image)**

Path arguments `model_id` – ID of the model.

Retrieves a paginated list of config values of a model

```
{
  "config_id":      "config_image_{{timestamp}}",
  "type":           "image",
  "name":           "Name of my image config value",
  "value":          "https://www.app-arena.com/media/wysiwyg/serviceflatrate.png",
  "description":    "The description of my config value.",
  "data_alt":       "Service Flatrate promotion image",
  "data_title":     "Save 25% in may on our service flatrate",
  "data_max_height": 1000,
  "data_max_width": 1000,
  "data_min_height": 100,
  "data_min_width": 100,
  "data_height":    300,
  "data_width":     500,
  "data_format":    ["jpg", "png", "gif"],
  "data_nullable":  false
}
```

Data

- **config_id** (*string*) – (Required) Identifier for the new config value
- **type** (*enum*) – (Required) Type of the config element
- **name** (*string*) – (Required) Name for the config value
- **value** (*string*) – (Required) Default value for the config element
- **description** (*string*) – (Optional) Description for the config value

Table with `data_` parameters and the description of them.

Example response body.

```
{
  "description": "The description of my config value.",
  "id": "config_image_1430142090",
  "lang_tag": "en_US",
  "meta_data": {
    "tag": ' This is my default HTML content</h1>",
  "description": "The description of my config value.",
  "data_editor": "wysiwyg",
}
```

```
"data_code_view": false
}
```

Data

- **config_id** (*string*) – (Required) Identifier for the new config value
- **type** (*enum*) – (Required) Type of the config element
- **name** (*string*) – (Required) Name for the config value
- **value** (*string*) – (Required) Default value for the config element
- **description** (*string*) – (Optional) Description for the config value
- **editor** (*enum*) – (Optional) “wysiwyg”, “code”, “none” | Which editor should be shown to the user?
- **code_view** (*bool*) – (Optional) Is the code-view button available in the wysiwyg-editor?

Table with data_ parameters and the description of them.

Example response body.

```
{
  "description": "The description of my config value.",
  "id": "config_textarea_1430142205",
  "lang_tag": "en_US",
  "meta_data": [ ],
  "name": "Name of my config value",
  "type": "textarea",
  "value": "<h1>This is my default HTML content</h1>",
  "timestamp": 1430142246,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/317/configs/config_textarea_1430142205"
    }
  }
}
```

POST **/api/v1/models/:model_id/configs(select)**

Path arguments **model_id** – ID of the model.

Retrieves a paginated list of config values of a model

```
{
  "config_id": "config_select_{{timestamp}}",
  "type": "select",
  "name": "Name of my config value",
  "description": "The description of my config value.",
  "source": [
    {
      "value": "value_id_1",
      "text": "Text for value 1"
    },
    {
      "value": "value_id_2",
      "text": "Text for value 2"
    }
  ]
}
```

```

    },
    {
        "value": "value_id_3",
        "text": "Text for value 3"
    }
],
"value": "value_id_2"
}

```

Data

- **config_id** (*string*) – (Required) Identifier for the new config value
- **type** (*enum*) – (Required) Type of the config element
- **name** (*string*) – (Required) Name for the config value
- **value** (*string*) – (Required) Default value for the config element
- **description** (*string*) – (Optional) Description for the config value
- **source** (*array*) – (Required) All available options of the config element

Example response body.

```

{
    "description": "The description of my config value.",
    "id": "config_select_1430142251",
    "lang_tag": "en_US",
    "meta_data": [ ],
    "name": "Name of my config value",
    "source": [
        {
            "value": "value_id_1",
            "text": "Text for value 1"
        },
        {
            "value": "value_id_2",
            "text": "Text for value 2"
        },
        {
            "value": "value_id_3",
            "text": "Text for value 3"
        }
    ],
    "type": "select",
    "value": "value_id_2",
    "timestamp": 1430142293,
    "_links": {
        "self": {
            "href": "https://v2.app-arena.com/api/v1/models/317/configs/config_select_1430142251"
        }
    }
}

```

POST **/api/v1/models/:model_id/configs(multiselect)**

Path arguments **model_id** – ID of the model.

Retrieves a paginated list of config values of a model

```
{
  "config_id": "config_multiselect_{{$timestamp}}",
  "type": "multiselect",
  "name": "Name of my config value",
  "description": "The description of my config value.",
  "source": [
    {
      "value": "value_id_1",
      "text": "Text for value 1"
    },
    {
      "value": "value_id_2",
      "text": "Text for value 2"
    },
    {
      "value": "value_id_3",
      "text": "Text for value 3"
    }
  ],
  "value": [ "value_id_2", "value_id_3" ]
}
```

Data

- **config_id** (*string*) – (Required) Identifier for the new config value
- **type** (*enum*) – (Required) Type of the config element
- **name** (*string*) – (Required) Name for the config value
- **value** (*array*) – (Optional) Default value for the config element
- **description** (*string*) – (Optional) Description for the config value
- **source** (*array*) – (Required) All available options of the config element

Example response body.

```
{
  "description": "The description of my config value.",
  "id": "config_multiselect_1430142358",
  "lang_tag": "en_US",
  "meta_data": [ ],
  "name": "Name of my config value",
  "source": [
    {
      "value": "value_id_1",
      "text": "Text for value 1"
    },
    {
      "value": "value_id_2",
      "text": "Text for value 2"
    },
    {
      "value": "value_id_3",
      "text": "Text for value 3"
    }
  ]
}
```

```

    }
  ],
  "type": "multiselect",
  "value": [
    "value_id_2",
    "value_id_3"
  ],
  "timestamp": 1430142399,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/317/configs/config_multiselect"
    }
  }
}

```

GET **/api/v1/models/:model_id/configs**

Path arguments **model_id** – ID of the model.

Retrieves a paginated list of config values of a model

```

{
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/318/configs"
    }
  },
  "_embedded": {
    "data": [
      {
        "app_domain": "",
        "base_url": "https://www.url-to-your-app.com/appsubfolder/",
        "created_at": "2015-03-24",
        "description": "Using this app you will superpower your skills.",
        "fb_app_id": "",
        "fb_app_namespace": "",
        "fb_app_secret": "",
        "fb_canvas_url": "",
        "id": 312,
        "lang_tag": "de_DE",
        "name": "My shiny new app",
        "secret": "fd0691803888c9171abfde4ec8d00747",
        "validity": "",
        "timestamp": 1427207187,
        "_links": {
          "self": {
            "href": "https://v2.app-arena.com/api/v1/models/312"
          }
        }
      }
    ]
  },
  "page_count": 0,
  "page_size": 25,
  "total_items": 0
}

```

Data

- **app_domain** (*string*) – Date of Build.
- **base_url** (*string*) – Error from Sphinx build process.
- **created_at** (*string*) – Build id.
- **description** (*string*) – Description for the model
- **fb_app_id** (*string*) – Facebook app id
- **fb_app_secret** (*string*) – Facebook App, used to install apps to the clients fanpages
- **id** (*string*) – ID of the model
- **lang_tag** (*string*) – Default language of for new instances
- **name** (*string*) – Name of the model
- **secret** (*string*) – Model secret, which is needed to generate a signature (e.g. Client-Browser HTTP requests to the API)
- **validity** (*int*) – How many days a new instance of this model will be available until it expires

2.4.4 /models/:model_id/configs/:config_id

GET /api/v1/models/:model_id/configs/:config_id(**checkbox**)

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Retrieve basic information of a single model.

```
{
  "description": "The description of my checkbox",
  "id": "config_checkbox_1429099711",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of Checkbox",
  "type": "checkbox",
  "value": 1,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/316/configs/config_checkbox_"
    }
  }
}
```

Documentation of the configs.

GET /api/v1/models/:model_id/configs/:config_id(**color**)

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Retrieve basic information of a single model.

```
{
  "description": "The description of my color",
  "id": "config_color_1429099923",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of color",
  "type": "color",
  "value": 1,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/316/configs/config_color_1429099923"
    }
  }
}
```

Documentation of the configs.

GET `/api/v1/models/:model_id/configs/:config_id(css)`

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Retrieve basic information of a single model.

```
{
  "description": "The description of my config value.",
  "id": "config_css_1429099927",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of my CSS config",
  "type": "css",
  "value": "body { text-align:center; } h1,h1, h2, h3 { font-size: 30px; }",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/316/configs/config_css_1429099927"
    }
  }
}
```

Documentation of the configs.

GET `/api/v1/models/:model_id/configs/:config_id(date)`

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Retrieve basic information of a single model.

```
{
  "description": "Updated Enter a valid date",
  "id": "config_date_1429099929",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Updated Name of my date",
  "type": "date",
  "value": "2017-01-01"
}
```

```
    "type": "date",
    "value": "2011-11-11",
    "_links": {
      "self": {
        "href": "https://v2.app-arena.com/api/v1/models/316/configs/config_date_1429099933"
      }
    }
  }
}
```

Documentation of the configs.

GET `/api/v1/models/:model_id/configs/:config_id(image)`

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Retrieve basic information of a single model.

```
{
  "description": "The description of my config value.",
  "id": "config_image_1429099933",
  "lang_tag": "de_DE",
  "meta_data": {
    "tag": "<img src='https://www.app-arena.com/media/wysiwyg/serviceflatrate.png' \/>"
  },
  "name": "Name of my image config value",
  "type": "image",
  "value": "https://www.app-arena.com/media/wysiwyg/serviceflatrate.png",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/316/configs/config_image_1429099933"
    }
  }
}
```

Documentation of the configs.

GET `/api/v1/models/:model_id/configs/:config_id(text)`

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Retrieve basic information of a single model.

```
{
  "description": "Enter a valid Username (max. 12 lowercase characters or numbers, no whitespace)",
  "id": "config_text_1429099936",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of my config value",
  "type": "text",
  "value": "my_username",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/316/configs/config_text_1429099936"
    }
  }
}
```

```
        "href": "https:\\\\v2.app-arena.com\\api\\v1\\models\\316\\configs\\config_text_1429099939",
      }
    }
  }
```

Documentation of the configs.

GET **/api/v1/models/:model_id/configs/:config_id(textarea)**

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Retrieve basic information of a single model.

```
{
  "description": "The description of my config value.",
  "id": "config_textarea_1429099939",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of my config value",
  "type": "textarea",
  "value": "<h1>This is my default HTML content</h1>",
  "_links": {
    "self": {
      "href": "https:\\\\v2.app-arena.com\\api\\v1\\models\\316\\configs\\config_textarea_1429099939"
    }
  }
}
```

Documentation of the configs.

GET **/api/v1/models/:model_id/configs/:config_id(select)**

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Retrieve basic information of a single model.

```
{
  "description": "The description of my config value.",
  "id": "config_select_1429099941",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of my config value",
  "source": [
    {
      "value": "value_id_1",
      "text": "Text for value 1"
    },
    {
      "value": "value_id_2",
      "text": "Text for value 2"
    }
  ]
}
```

```
        "value": "value_id_3",
        "text": "Text for value 3"
      }
    ],
    "type": "select",
    "value": "value_id_2",
    "_links": {
      "self": {
        "href": "https://v2.app-arena.com/api/v1/models/316/configs/config_select_14"
      }
    }
  }
}
```

Documentation of the configs.

GET `/api/v1/models/:model_id/configs/:config_id(multiselect)`

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Retrieve basic information of a single model.

```
{
  "description": "The description of my config value.",
  "id": "config_multiselect_1429099943",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of my config value",
  "source": [
    {
      "value": "value_id_1",
      "text": "Text for value 1"
    },
    {
      "value": "value_id_2",
      "text": "Text for value 2"
    },
    {
      "value": "value_id_3",
      "text": "Text for value 3"
    }
  ],
  "type": "multiselect",
  "value": [
    "value_id_2",
    "value_id_3"
  ],
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/316/configs/config_multiselect_14"
    }
  }
}
```

Documentation of the configs.

PUT `/api/v1/models/:model_id/configs/:config_id(checkbox)`

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of Checkbox",
  "value": false,
  "description": "Updated description of my checkbox",
  "data_caption_off": "Updated Custom Off",
  "data_caption_on": "Updated Custom On",
  "data_label": "Updated Optional label"
}
```

Data

- **name** (*string*) – (Optional) Name of the config value
- **value** (*bool*) – (Optional) Value for the config element
- **description** (*string*) – (Optional) Description for the config value

Example response body

```
{
  "description": "The description of my checkbox",
  "id": "config_checkbox_1430221458",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of Checkbox",
  "type": "checkbox",
  "value": 1,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/319/configs/config_checkbox_"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT **/api/v1/models/:model_id/configs/:config_id(color)**

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of color",
  "value": "#FFFFFF",
  "description": "Updated description of my color"
}
```

Data

- **name** (*string*) – (Optional) Name of the config value
- **value** (*bool*) – (Optional) Value for the config element
- **description** (*string*) – (Optional) Description for the config value

Example response body

```
{
  "description": "The description of my color",
  "id": "config_color_1430226121",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of Color",
  "type": "color",
  "value": "#335566",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/319/configs/config_color_1430226121"
    }
  }
}
```

PUT /api/v1/models/:model_id/configs/:config_id(css)

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of my CSS config",
  "value": "body { text-align:center; color:red; } h1,h1, h2, h3 { font-size: 30px; }",
  "description": "Updated The description of my config value.",
  "data_compiler": "css"
}
```

Data

- **name** (*string*) – (Optional) Name of the config value
- **value** (*bool*) – (Optional) Value for the config element
- **description** (*string*) – (Optional) Description for the config value

Example response body

```
{
  "description": "The description of my config value.",
  "id": "config_css_1430226124",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of my CSS config",
  "type": "css",
  "value": true
}
```

```

    "value": "body { text-align:center; } h1,h1, h2, h3 { font-size: 30px; }",
    "_links": {
      "self": {
        "href": "https://v2.app-arena.com/api/v1/models/319/configs/config_css_14302
      }
    }
  }
}

```

Table with data_ parameters and the description of them.

PUT `/api/v1/models/:model_id/configs/:config_id(data)` **DEPRECATED**

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Example request body

```

{
  "name": "Updated Name of my date",
  "value": "1911-02-22",
  "description": "Updated Enter a valid date",
}

```

Data

- **name** (*string*) – (Optional) Name of the config value
- **value** (*bool*) – (Optional) Value for the config element
- **description** (*string*) – (Optional) Description for the config value

Example response body

```

{
  "description": "Updated Enter a valid date",
  "id": "config_date_1430226133",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Updated Name of my date",
  "type": "date",
  "value": "2011-11-11",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/319/configs/config_date_1430
    }
  }
}

```

PUT `/api/v1/models/:model_id/configs/:config_id(image)`

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of my image config value",
  "value": null,
  "description": "Updated The description of my config value.",
  "data_alt": "Updated Service Flatrate promotion image",
  "data_title": "Updated Save 25% in may on our service flatrate",
  "data_max_height": 2000,
  "data_max_width": 2000,
  "data_min_height": 200,
  "data_min_width": 200,
  "data_height": 600,
  "data_width": 1000,
  "data_format": ["jpg"],
  "data_nullable": true
}
```

Data

- **name** (*string*) – (Optional) Name of the config value
- **value** (*string*) – (Optional) Value for the config element
- **description** (*string*) – (Optional) Description for the config value

Example response body

```
{
  "description": "The description of my config value.",
  "id": "config_image_1430226136",
  "lang_tag": "de_DE",
  "meta_data": {
    "tag": "<img src='https://www.app-arena.com/media/wysiwyg/serviceflatrate.png' \/>"
  },
  "name": "Name of my image config value",
  "type": "image",
  "value": "https://www.app-arena.com/media/wysiwyg/serviceflatrate.png",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/319/configs/config_image_1430226136"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT **/api/v1/models/:model_id/configs/:config_id(text)**

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of my config value",
  "value": "updated@email.com",
  "description": "Updated Enter a valid Email (max. 22 lowercase characters or numbers, no white",
  "data_type": "email",
  "data_placeholder": "Updated Enter email here",
  "data_pattern": "[a-zA-Z0-9@]{22}"
}
```

Data

- **name** (*string*) – (Optional) Name of the config value
- **value** (*string*) – (Optional) Value for the config element
- **description** (*string*) – (Optional) Description for the config value

Example response body

```
{
  "description": "Enter a valid Username (max. 12 lowercase characters or numbers, no whitespa",
  "id": "config_text_1430226138",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of my config value",
  "type": "text",
  "value": "my_username",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/319/configs/config_text_1430"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT **/api/v1/models/:model_id/configs/:config_id(textarea)**

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of my config value",
  "value": "<h1>Updated This is my default HTML content</h1>",
  "description": "Updated The description of my config value.",
  "data_editor": "code"
}
```

Data

- **name** (*string*) – (Optional) Name of the config value
- **value** (*string*) – (Optional) Value for the config element
- **description** (*string*) – (Optional) Description for the config value

Example response body

```
{
  "description": "The description of my config value.",
  "id": "config_textarea_1430226141",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of my config value",
  "type": "textarea",
  "value": "<h1>This is my default HTML content</h1>",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/319/configs/config_textarea_"
    }
  }
}
```

Table with data_ parameters and the description of them.

PUT /api/v1/models/:model_id/configs/:config_id(select)

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of my config value",
  "description": "The description of my config value.",
  "source": [
    {
      "value": "updated_value_id_1",
      "text": "Updated Text for value 1"
    },
    {
      "value": "updated_value_id_2",
      "text": "Updated Text for value 2"
    },
    {
      "value": "value_id_3",
      "text": "Updated Text for value 3"
    }
  ],
  "value": "updated_value_id_1"
}
```

Data

- **name** (*string*) – (Optional) Name of the config value
- **value** (*string*) – (Optional) Value for the config element
- **description** (*string*) – (Optional) Description for the config value
- **source** (*array*) – (Optional) All available options of the select config value

Example response body

```
{
  "description": "The description of my config value.",
  "id": "config_select_1430226143",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of my config value",
  "source": [
    {
      "value": "value_id_1",
      "text": "Text for value 1"
    },
    {
      "value": "value_id_2",
      "text": "Text for value 2"
    },
    {
      "value": "value_id_3",
      "text": "Text for value 3"
    }
  ],
  "type": "select",
  "value": "value_id_2",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/319/configs/config_select_1430226143"
    }
  }
}
```

PUT **/api/v1/models/:model_id/configs/:config_id(multiselect)**

Path arguments

- **model_id** – ID of the model.
- **config_id** – ID of the config.

Example request body

```
{
  "name": "Updated Name of my config value",
  "description": "Updated The description of my config value.",
  "source": [
    {
      "value": "updated_value_id_1",
      "text": "Updated Text for value 1"
    },
    {
      "value": "value_id_2",
      "text": "Updated Text for value 2"
    },
    {
      "value": "updated_value_id_3",
      "text": "Updated Text for value 3"
    }
  ],
}
```

```
    "value": [ "updated_value_id_3", "updated_value_id_1" ]
  }
```

Data

- **name** (*string*) – (Optional) Name of the config value
- **value** (*array*) – (Optional) All values which should be selected by default
- **description** (*string*) – (Optional) Description for the config value
- **source** (*array*) – (Optional) All available options of the select config value

Example response body

```
{
  "description": "The description of my config value.",
  "id": "config_multiselect_1430226146",
  "lang_tag": "de_DE",
  "meta_data": [ ],
  "name": "Name of my config value",
  "source": [
    {
      "value": "value_id_1",
      "text": "Text for value 1"
    },
    {
      "value": "value_id_2",
      "text": "Text for value 2"
    },
    {
      "value": "value_id_3",
      "text": "Text for value 3"
    }
  ],
  "type": "multiselect",
  "value": [
    "value_id_2",
    "value_id_3"
  ],
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/319/configs/config_multiselect_1430226146"
    }
  }
}
```

DELETE **/api/v1/models/:model_id/configs/:config_id**

Successful DELETE requests will return HTTP-Status code 204.

2.4.5 /models/:model_id/languages

POST **/api/v1/models/:model_id/languages**

Path arguments `model_id` – ID of the model.

Example request body

```
{
  "lang_tag": "fr_FR"
}
```

Example response body

```
{
  "is_activated": 0,
  "lang_tag": "fr_FR",
  "timestamp": 1430211490,
  "id": "fr_FR",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/318/languages/fr_FR"
    }
  }
}
```

Data

- **lang_tag** (*enum*) – (Required) Language tag of the language to add to the model
- **is_activated** – (Optional) If the new language is activated immediately

GET **/api/v1/models/:model_id/languages**

Path arguments **model_id** – ID of the model.

Retrieve basic information of a single model.

```
{
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/316/languages?page=1"
    },
    "first": {
      "href": "https://v2.app-arena.com/api/v1/models/316/languages"
    },
    "last": {
      "href": "https://v2.app-arena.com/api/v1/models/316/languages?page=1"
    }
  },
  "_embedded": {
    "data": [
      {
        "lang_id": 528,
        "name": "de",
        "is_activated": 1,
        "lang_tag": "de_DE"
      }
    ]
  },
  "page_count": 1,
  "page_size": 25,
}
```

```
    "total_items": 1
  }
```

Documentation of the languages of models.

2.4.6 /models/:model_id/languages/:lang_tag

PUT /api/v1/models/:model_id/languages/:lang_tag

Path arguments

- **model_id** – ID of the model.
- **lang_tag** – ID of the language.

Example request body

```
{
  "is_activated":1
}
```

Example response body

```
{
  "is_activated": 1,
  "lang_tag": "fr_FR",
  "timestamp": 1430211734,
  "id": "fr_FR",
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/318/languages/fr_FR"
    }
  }
}
```

Data is_activated (*boolean*) – (Required) If the new language is activated immediately

DELETE /api/v1/models/:model_id/languages/:lang_tag

Successful DELETE requests will return HTTP-Status code 204.

2.4.7 /models/:model_id/languages/:lang_tag/translations

POST /api/v1/models/:model_id/languages/:lang_tag/translations

Path arguments

- **model_id** – ID of the model.
- **lang_tag** – ID of the language.

Example request body

```
{
  "translation_id": "test_translation",
  "value": "Il mio test translations!"
}
```

Example response body

```
{
  "id": "test_translation",
  "translation": "Il mio test translations!",
  "timestamp": 1430211997,
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/318/languages/fr_FR/translations"
    }
  }
}
```

Data

- **translation_id** (*string*) – (Required) Translation ID
- **value** (*string*) – (Required) Translation

GET **/api/v1/models/:model_id/languages/:lang_tag/translations**

Path arguments

- **model_id** – ID of the model.
- **lang_tag** – ID of the language.

Example request body.

```
{
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/316/languages/%7B%7Blang_tag"
    }
  },
  "_embedded": {
    "data": [ ]
  },
  "page_count": 0,
  "page_size": 25,
  "total_items": 0
}
```

Example response body.

```
{
  "_links": {
    "self": {
      "href": "https://v2.app-arena.com/api/v1/models/318/languages/fr_FR/translations"
    },
    "first": {
      "href": "https://v2.app-arena.com/api/v1/models/318/languages/fr_FR/translations"
    }
  }
}
```

```
    },
    "last": {
      "href": "https://v2.app-arena.com/api/v1/models/318/languages/fr_FR/translations/"
    }
  },
  "_embedded": {
    "data": [
      {
        "id": "test_translation",
        "value": "Il mio test translations!",
        "_links": {
          "self": {
            "href": "https://v2.app-arena.com/api/v1/models/318/languages/fr_FR/translations/test_translation/"
          }
        }
      }
    ]
  },
  "page_count": 1,
  "page_size": 25,
  "total_items": 1
}
```

Documentation of the languages of models.

2.4.8 /models/:model_id/languages/:lang_tag/translations/:translation_id

PUT /models/:model_id/languages/:lang_tag/translations/:translation_id

Path arguments

- **i_id** – ID of the translation.
- **lang_tag** – ID of the language.
- **translation_id** – ID of the translation.

Example request body

```
{
  "value": "UPDATED Il mio test translation!"
}
```

Data value (*string*) – (Required) Translation

DELETE /models/:model_id/languages/:lang_tag

Successful DELETE requests will return HTTP-Status code 204.

2.5 Working with POSTman

Postman is an easy to use Google Chrome extension, which enables you to send HTTP-Request to a server. As we are running all our API tests using [POSTman](#), we prepared a collection of requests for you, so that you have **examples of all available requests** of the App-Manager API.

2.5.1 Import an environment

1. Download one of our environment files
 - POSTman Production environment
 - POSTman Stage environment
2. Import the environment-file

2.5.2 Import the collection

Click the import button on the top left corner and import one of our collections using 'Download from link'

- Complete API Request list: <https://www.getpostman.com/collections/1c02a557a932d3f7aa64>

2.5.3 Send your first request

So select the currently imported environment in the top-navigation, select one of the imported requests and hit the SEND-Button.

2.5.4 Adding an API key

As you might noticed, you do not have permissions to send all of the requests in the collection. To submit even restricted requests you need to add an API Key.

3.1 PHP-SDK

3.1.1 Getting started

You can find our [PHP SDK on github](#).

3.1.2 Installation

```
composer require app-arena/php-sdk
```

3.1.3 Usage

Use the Composer Autoloader to start using the App-Manager

```
// In your index.php
define("ROOT_PATH", realpath(dirname(__FILE__)));
require ROOT_PATH . '/vendor/autoload.php';

$m_id = 123; // Set your app-arena Model ID here

// Clear the cache before, requestion Instance in for each
$am = new \AppManager\AppManager(
    $m_id,
    array(
        "root_path" => ROOT_PATH,
        "cache_dir" => "/var/cache"
    )
);
// Get all necessary instance information to start working
$config = $am->getConfigs();
$translation = $am->getTranslations();
$info = $am->getInfos();
```

Now the connection is build up and you can start using you App-Instance. The App-Manager SDK automatically tries to get your Instance ID (`i_id`) from GET-Parameters or from Cookies. So your Url should be something like this:

```
http://www.domainofmyapp.com/mypage.php?i_id=1234
```

3.1.4 Methods

Method	Description
addParams(\$params)	This will add parameters to the smartLink Url. These parameters will be available as
cleanCache()	Cleans the cache, so that a fresh API call will be done
getBaseUrl()	Returns the BaseUrl your Sharing Url is generated with. By default it will use the cu
getBrowser()	Returns user browser information
getBrowserName()	Returns the users browser name
getBrowserVersion()	Returns user browser major version
getConfig(\$config_id, \$attr = "value")	Returns the value of a config value
getConfigs()	Returns all Config Elements of the current instance as array
getCssHelper() (DEPRECATED)	Returns CSS Helper object to compile and concatenate Less, CSS and Config-Type (
getCssFiles(\$scss_config)	Returns CSS Helper object to compile and concatenate Less, CSS and Config-Type (
getDevice()	Returns user device information
getDeviceType()	Returns the device type of the current device mobile, tablet, desktop
getEnvironment()	Returns if the app currently running on a website, facebook or direct webs
getFacebookInfo()	Returns all available Facebook information, like currently used fanpage and canvas i
getId()	Returns the currently used Instance ID
getInfo(\$attr)	Returns an attribute of the instance
getInfos()	Returns all basic information of the current instance
getLang()	Returns the currently used Language as Language Code (e.g. de_DE, en_US, ...)
getMid()	Returns the model ID of the currently selected instance
getParams()	Returns all params submitted to the SmartLink before redirection
getTranslation(\$translation_id, \$args = array())	Returns the translation for the submitted ID
getTranslations()	Returns all translations for the currently set language
getUrl()	Returns the SmartLink Url for Sharing
getUrlLong()	Returns the SmartLink Url without Url Shortener
renderSharePage (\$debug = false)	Renders the complete HTML of the Share page including all meta tags and redirection
setBaseUrl(\$base_url)	Sets a new base url for your sharing links (->getUrl()).
setFilename(\$filename)	Sets the filename for the SmartLink (default: smartlink.php)
setLang(\$lang)	Sets a new language for the current instance
setMeta(\$meta)	Sets the meta data for SmartLink Share page. All key value pairs will be generated a
setParams(\$params)	This will reset all parameters of the smartLink Url. These parameters will be availab

3.2 PHP-SDK - CSS, LESS and SCSS

The App-Manager SDK provides a helper to enable you to compile, concatenate and minify all your CSS and Less-Files. As well config values (type CSS) can be included in the process. The output file will be automatically saved to your file cache to keep your app fast. The App-Manager SDK uses the great [PHP Less compiler](#) by Josh Schmidt and the [PHP SCSS compiler](#) by Leaf Corcoran.

The CSS-Helper Class provides the following functions:

- Compile Less and SCSS files (including @imports), CSS Files and Config value (CSS)
- Compiles [Bootstrap CSS](#) :-)
- Dynamically replace Variables with values you submit
- Search and Replace strings

3.2.1 Getting started

To request compiled CSS files, you need to tell the SDK, what files to include in your compiled files. Your “input” is defined in an array:

```
// And here is your initialization code:
define("ROOT_PATH", realpath(dirname(__FILE__)));
$am = new \AppManager\AppManager(
    $m_id,
    array(
        "root_path" => ROOT_PATH,
        "cache_dir" => "/var/cache"
    )
);

/**
 * This example config files will return 2 compiled css files: file1 and file2
 * array(
 *     files          -> Array list of files (using an absolute path) to include in the compilation
 *     config_values  -> App-Manager config values of type CSS to include in the compilation
 *     variables      -> Less or Scss Variables which will be replaced in all files
 *     replacements   -> String replacements in all files (e.g. to fix a relative filepath')
 * )
 */
$css_config = array(
    'file1' => array(
        'files' => array(
            ROOT_PATH . '/css/less/bootstrap-custom.less',
            ROOT_PATH . '/css/scss/bootstrap-social.scss',
            ROOT_PATH . '/js/vendor/bower/font-awesome/css/font-awesome.min.css'
        ),
        'config_values' => array(),
        'variables' => array(
            'brand-primary' => $am->getConfig('color_primary'), // Use a config value to set a color
            'border-radius-base' => '0px',
            'border-radius-large' => '0px',
            'border-radius-small' => '0px',
        ),
        'replacements' => array(
            '../fonts/fontawesome' => '../js/vendor/bower/font-awesome/fonts/fontawesome'
        ),
    ),
    'file2' => array(
        'files' => array(
            ROOT_PATH . '/css/style.css',
            ROOT_PATH . '/css/less/app.less',
        ),
        'config_values' => array( 'css_app', 'css_user' ), // A list of config value IDs to include
        'variables' => array(
            'primary' => '#478AB8',
            'secondary' => '#2D343D',
            'highlight' => '#efefef',
        ),
        'replacements' => array()
    ),
);

$css_files = $am->getCssFiles($css_config);
```

Now you got an array containing two CSS file path's. To use them in your app just print them in your HTML head section:

```
<head>
...
<?php
foreach ($css_files as $css_file) {
    ?>
    <link type="text/css" rel="stylesheet" href="<?php echo $css_file ?>" />
    <?php
}
?>
...
</head>
```

Note: Test all available requests in our [API-Explorer_](#).

3.2.2 Overwriting variables using SCSS

In your CSS-Config file you can set variables, which will be set before your source files are being compiled. When you use **SCSS source files**, please assure, that all variables you want to overwrite are flagged with **!default**

```
$primary: #112233 !default;

h1 {
    color: $primary;
}
```

With the above configuration for 'file2', the compiled CSS would look like this:

```
h1 {
    color: #478AB8;
}
```

3.3 PHP-SDK - SmartLink

To setup a SmartLink, which is responsible for all your redirects, copy the `smartlink.template.php` file to your root folder and rename it to `smartlink.template.php`. As you can see in the file you can customize Meta-Data for sharing by calling `setMetaData(...)`. Additional Parameters which will be passed to your app as GET-Parameters can be add via `addParams(...)` or by just adding your parameters as GET parameter to the "Smart-Link"-Url you will get, when calling `getUrl()`.

The **users device will be detected**, when the user is being redirected to your app target. So mobile and tablet devices will never be redirected to a facebook page tab, as it is not possible for them to display them (No Support from Facebook).

3.3.1 GET Parameters

The Smart-Link technology manages redirects for app users depending on their device, language and environment settings. The Smart-Link should be used for all sharing functionality in your app. It offers an easy way to generate sharing links and some GET-Parameters to modify the Redirect-Behaviour.

Note: You can add all of the listed parameters to the SmartLink Url to modify the Redirect behaviour.

Parameter	Description	Example
device	To simulate a different device type (mobile, tablet or desktop), just add a <code>device-GET</code> Parameter to your URL. The SmartLink will automatically use this device type then and respond with it. Allowed values are <code>mobile</code> , <code>tablet</code> and <code>desktop</code> .	Simulate the mobile view of an app: <code>https://www.my-web-app.com/?i_id=1234&device=m</code>
website	If your app is being embedded in a website via <code>iframe</code> , you should add a GET-Parameter called <code>website</code> containing the URL the app is embedded in to your <code>smartlink.php</code> Url. Your users will then be redirected the Website Url and not directly to your app. This will keep traffic up on your website. :-)	Redirect the user to a certain website the <code>iframe</code> with your app is embedded in e.g. <code>https://www.app-arena.com/fotowettbewerb.html</code> The SmartLink is:
fb_page	Submit this parameter to redirect to this Facebook fanpage Tab your app is embedded in. You can use this to have the same app installed on several fanpages and to control the redirects	
ref_app_env	Set this parameter to <code>fb</code> to force the redirection to the facebook fanpage the app is installed on.	<code>https://www.my-app.com/?i_id=1234&ref_app_env=</code>
lang	The language parameter controls the used language of the app	Show your app in french: <code>https://www.my-web-app.com/?i_id=1234&lang=fr_</code>
debug	Add the debug parameter to disable redirects and show Debug info on the <code>smartlink.php</code> page	Show the Debug-Page for the SmartLink: <code>https://www.my-web-app.com/smartlink.php?debug</code>

3.3.2 Embed an App via `iframe` (`$_GET['website']`)

Warning: Safari is blocking third-party cookies within `iframes`! You need to assure that users visiting your app will be redirected via SmartLink to your application, so the SmartLink can set a cookie as first-party. Within the `iframe` cookies from this domain will be allowed then. **DO NOT link directly to the page, your app is embedded in.** Always link to the SmartLink redirecting to the page your app is embedded in.

If your app is being embedded in a website via `iframe`, you should add a GET-Parameter called `website` containing the URL the app is embedded in to your `smartlink.php` Url. Your users will then be redirected the Website Url and not directly to your app. This will keep traffic up on your website. :-)

Use the `website-GET` Parameter for your `iframe-Source` is the easiest way to keep your visitors on the website. The App-Manager SDK automatically detects `website-GET` Parameters and set them to a cookie.

Here is an example to embed a photocontest-app to the website `https://www.app-arena.com/fotowettbewerb.html`

```
<iframe src="https://stage.fotowettbewerb.co/?i_id=9713&website=https%3A%2F%2Fwww.app-arena.com%2Ffotowettbewerb.html" width="100%" height="1200" frameBorder="0"></iframe>
```

3.3.3 Easy parameter passthrough

The SmartLink Technology makes it easy to pass parameters to your application no matter if the application is embedded via `iframe` or into a Facebook Page-Tab. All GET Parameters passed to your `smartlink.php` file will be written to a cookie (Cookie-key `aa_1234_smartlink`, 1234 is the instance id of your application). When you

initialize the app manager object in your application again, then all parameters will be deleted from the cookie and written to the GET parameter again.

So you don't have to care about that... Pass GET parameters to your smartlink.php file and expect them in your app target file. :-)

3.4 JS-SDK

3.4.1 Getting started

You can find our [JS SDK on github](#).

3.4.2 Installation

1. Clone the repository
2. npm install
3. npm run build (production & develop) | npm run build:prod (production) | npm run build:dev (develop)

3.4.3 Usage

3.4.4 Methods

Method	Description	Parameters	Re- sponse
init(parameters)	This will add parameters to the smartLink Url. These parameters will be available as GET-Parameters, when a user* clicks on the smartLink. The parameters will be available as GET parameters as well in the facebook page tab* or within an iframe	array \$params Array of parameters which should be passed through	

Integrator

If you want to integrate the App-Manager to your system and you want to sell apps on your website, please get started with one of the following topics:

4.1 Integration guide

Note: Before you can integrate App-Arena to your systems backend, you have to generate an API key. Once you got it, you can start requesting our API.

To make it easy here are some examples for an integration. All requests are available in a POSTman.

4.1.1 Scenario 1: Create a new customer

Each user is part of a company. So before creating a user you need to create a company or assign the user to an existing company by submitting the **company_id** in your POST request.

Create a new customer (company)

Send a POST request to create a new company. Do not forget to add your API Key to the request, as it is not possible to send POST requests without authentication.

Header

```
POST /api/v1/companies HTTP/1.1
Host: v2.app-arena.com
Content-Type: application/json
Authorization: Basic c2JlY2twZXNjaDphcGlrZXk=
```

Parameters

```
{
  "name"           : "Big star cooperation",
  "subdomain"      : "big_star_corp"
}
```

Example response

```
{
  "id": 17,
  "name": "New App-Arena customer 1421685371",
  "parent_id": 1,
  "subdomain": "company_subdomain",
  "timestamp": 1421685366,
  "_links": {
    "self": {
      "href": "http://v2.app-arena.com/api/v1/companies/17"
    }
  }
}
```

A new *company_id* (in the example response the *company_id* is 17) has been generated... You should have it in mind for the following request...

Create a new user for this customer

So now you've got a new company set up. So now it's time to create the first user for this company. Send a POST request including your [API key](*api_key*) to create a user.

Note: If you are using our POSTman collection you can just send the next request to create a user without replacing the `:company_id` in the request, as the POST `/companies` request adds a *company_id* environment variable in its [POSTman tests](#).

Header

```
POST /api/v1/companies/17/users HTTP/1.1
Host: v2.app-arena.com
Content-Type: application/json
Authorization: Basic c2JlY2twZXNjaDphcGlrZXk=
```

Parameters

```
{
  "username": "dhasselhoff",
  "email": "david@hasselhoff.com",
  "name": "David Hasselhoff",
  "password": "iSetGermanyFree!",
  "roles": [ "user", "admin" ],
  "lang_tag": "en_US"
}
```

Example response

TODO

4.1.2 Szenario 2: Create a new instance for a customer

Ok, so an empty account is boring... Give your customer some apps they are impressed of. :-) Let's create a photo contest demo (*template_id* 728)

Header

```
POST /api/v1/instances HTTP/1.1
Host: v2.app-arena.com
```

Content-Type: application/json
Authorization: Basic c2JlY2twZXNjaDphcGlrZXk=

Parameters

```
{  
  "template_id": 728,  
  "name": "My customers new photo contest demo",  
  "description": "The description of my new instance.",  
  "lang_tag": "en_US"  
}
```

An example response would look like this:

Example response

You're done :-) - Tell your customer about it!

Great! Now let's send your customer all necessary information, so that he can start using and configuring his app:

Dear David,

we've setup a new photo-contest demo app for you. You can access your app here:

App-Url: https://www.fotowettbewerb.co/?i_id=1234

If you want to change the content of your app just visit the configuration wizard interface and login

Wizard-Url: <https://manager.app-arena.com/instances/....>

Username: dhasselhoff

Password: iSetGermanyFree!

Thanks a lot,

Your App-Support Team

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 (HTTP response), [40–47](#), [49](#)