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# Introduction

## References

Referenced documents in creation of this document are listed in the Table 1.

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Table 1: Document references

# Markdown2

## Formatted Text Examples

Below is an illustration of the Format toolbar used to format text:

Here are some examples of the effects different options have on text:

### Font buttons:

As well as the standard Font drop down box showing a list of all the fonts on your system and the **Point** size box that allows you to set the font size,
two shortcut buttons have been added that allow you to increase the selected text or group of text objects at the press of a button:

1 Will increase the font size by 2 points every time you press the button.

2 Will decrease the font size by 2 points every time you press the button.

### Text Format:

**The standard text format options are also available for text i.e. bold, italic, underline and outline:**

3 

4 

5 

6 

Note:
**You can combine any of these formats together, as in the last example above which is a combination of the bold, underline and outline formats.**

### Text Justification:

* Text can be aligned to the
  1. left,
  2. right,
  3. centre
* or one of the three full justifications: Full Justification, Density Justification and Aspect Justification.

Note:
The Full justification spreads the words across the page but does not change the size of them. The Density Justification also spreads the words and does not change their size but puts spaces between the characters in a word. The Aspect Justification spreads the words but stretches the words to fill the space as well.

The Density and Aspect methods can provide some visually interesting effects.

[Go back to the top](#Formatted-Text-Examples)

## Useful markdown links:

* [Link 1](https://guides.github.com/features/mastering-markdown/)
  1. This is link 1
* [Link 2](https://markdown-it.github.io/)
  1. This is link 2
* [Link 3](https://confluence.atlassian.com/bitbucketserver/markdown-syntax-guide-776639995.html)
  1. This is link 3
     + [Link 4](https://github.com/luong-komorebi/Markdown-Tutorial/blob/master/README.md)
       - This is link 4 ordered under link 3

### I just have to store some code here, if you don't mind

#### I'll put it here

**LoGiC** iS **rEaL** !!!

if(a == 0){
a = 0;
}

#### And also here

**It's getting better**

if (false == true) {
// log some message
}

#### You know the process...

I'll just assert and finish this...

public void justAssert(){
boolean checkTrue = true;
Assert.assertTrue(checkTrue);
}
//let me return true he he
public boolean trueStatement(){
return true;
}

# test

## Markdown3

### Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

#### TODO

##### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

##### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

#### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

#### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

#### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

#### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

#### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

##### Login

###### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

###### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

###### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

##### Logout

###### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Logout response

HTTP/1.1 204 No Content

##### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

##### Voucher detail

###### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

##### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

###### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

##### Voucher order detail

###### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

##### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

###### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

##### Content

See [Content Service] for more information on the source of these fields.

###### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

###### Content response

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

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

##### Verification

See for more information on the source of these fields.

###### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

###### Verification by phone number response

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

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

###### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

###### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

##### Cookies

###### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

###### Cookies response

HTTP/1.1 200 OK

##### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

###### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

##### i18 internationalization

* Retrieves i18next json based on requested language

###### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

## UC3 Just testing

### Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

#### TODO

##### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

##### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

#### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

#### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

#### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

#### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

#### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

##### Login

###### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

###### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

###### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

##### Logout

###### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Logout response

HTTP/1.1 204 No Content

##### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

##### Voucher detail

###### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

##### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

###### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

##### Voucher order detail

###### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

##### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

###### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

##### Content

See [Content Service] for more information on the source of these fields.

###### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

###### Content response

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

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

##### Verification

See for more information on the source of these fields.

###### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

###### Verification by phone number response

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

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

###### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

###### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

##### Cookies

###### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

###### Cookies response

HTTP/1.1 200 OK

##### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

###### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

##### i18 internationalization

* Retrieves i18next json based on requested language

###### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

## Markdown3

### Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

#### TODO

##### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

##### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

#### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

#### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

#### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

#### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

#### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

##### Login

###### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

###### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

###### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

##### Logout

###### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Logout response

HTTP/1.1 204 No Content

##### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

##### Voucher detail

###### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

##### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

###### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

##### Voucher order detail

###### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

##### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

###### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

##### Content

See [Content Service] for more information on the source of these fields.

###### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

###### Content response

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

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

##### Verification

See for more information on the source of these fields.

###### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

###### Verification by phone number response

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

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

###### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

###### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

##### Cookies

###### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

###### Cookies response

HTTP/1.1 200 OK

##### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

###### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

##### i18 internationalization

* Retrieves i18next json based on requested language

###### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

## Markdown3

### Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

#### TODO

##### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

##### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

#### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

#### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

#### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

#### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

#### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

##### Login

###### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

###### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

###### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

##### Logout

###### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Logout response

HTTP/1.1 204 No Content

##### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

##### Voucher detail

###### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

##### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

###### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

##### Voucher order detail

###### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

##### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

###### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

##### Content

See [Content Service] for more information on the source of these fields.

###### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

###### Content response

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

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

##### Verification

See for more information on the source of these fields.

###### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

###### Verification by phone number response

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

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

###### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

###### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

##### Cookies

###### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

###### Cookies response

HTTP/1.1 200 OK

##### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

###### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

##### i18 internationalization

* Retrieves i18next json based on requested language

###### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

## Markdown3

### Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

#### TODO

##### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

##### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

#### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

#### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

#### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

#### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

#### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

##### Login

###### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

###### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

###### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

##### Logout

###### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Logout response

HTTP/1.1 204 No Content

##### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

##### Voucher detail

###### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

##### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

###### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

##### Voucher order detail

###### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

##### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

###### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

##### Content

See [Content Service] for more information on the source of these fields.

###### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

###### Content response

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

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

##### Verification

See for more information on the source of these fields.

###### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

###### Verification by phone number response

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

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

###### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

###### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

##### Cookies

###### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

###### Cookies response

HTTP/1.1 200 OK

##### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

###### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

##### i18 internationalization

* Retrieves i18next json based on requested language

###### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

## Markdown3

### Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

#### TODO

##### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

##### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

#### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

#### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

#### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

#### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

#### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

##### Login

###### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

###### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

###### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

##### Logout

###### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Logout response

HTTP/1.1 204 No Content

##### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

##### Voucher detail

###### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

##### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

###### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

##### Voucher order detail

###### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

##### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

###### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

##### Content

See [Content Service] for more information on the source of these fields.

###### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

###### Content response

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

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

##### Verification

See for more information on the source of these fields.

###### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

###### Verification by phone number response

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

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

###### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

###### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

##### Cookies

###### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

###### Cookies response

HTTP/1.1 200 OK

##### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

###### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

##### i18 internationalization

* Retrieves i18next json based on requested language

###### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

## Markdown2

### Formatted Text Examples

Below is an illustration of the Format toolbar used to format text:

Here are some examples of the effects different options have on text:

#### Font buttons:

As well as the standard Font drop down box showing a list of all the fonts on your system and the **Point** size box that allows you to set the font size,
two shortcut buttons have been added that allow you to increase the selected text or group of text objects at the press of a button:

1 Will increase the font size by 2 points every time you press the button.

2 Will decrease the font size by 2 points every time you press the button.

#### Text Format:

**The standard text format options are also available for text i.e. bold, italic, underline and outline:**

3 

4 

5 

6 

Note:
**You can combine any of these formats together, as in the last example above which is a combination of the bold, underline and outline formats.**

#### Text Justification:

* Text can be aligned to the
  1. left,
  2. right,
  3. centre
* or one of the three full justifications: Full Justification, Density Justification and Aspect Justification.

Note:
The Full justification spreads the words across the page but does not change the size of them. The Density Justification also spreads the words and does not change their size but puts spaces between the characters in a word. The Aspect Justification spreads the words but stretches the words to fill the space as well.

The Density and Aspect methods can provide some visually interesting effects.

[Go back to the top](#Formatted-Text-Examples)

### Useful markdown links:

* [Link 1](https://guides.github.com/features/mastering-markdown/)
  1. This is link 1
* [Link 2](https://markdown-it.github.io/)
  1. This is link 2
* [Link 3](https://confluence.atlassian.com/bitbucketserver/markdown-syntax-guide-776639995.html)
  1. This is link 3
     + [Link 4](https://github.com/luong-komorebi/Markdown-Tutorial/blob/master/README.md)
       - This is link 4 ordered under link 3

#### I just have to store some code here, if you don't mind

##### I'll put it here

**LoGiC** iS **rEaL** !!!

if(a == 0){
a = 0;
}

##### And also here

**It's getting better**

if (false == true) {
// log some message
}

##### You know the process...

I'll just assert and finish this...

public void justAssert(){
boolean checkTrue = true;
Assert.assertTrue(checkTrue);
}
//let me return true he he
public boolean trueStatement(){
return true;
}

## Markdown3

### Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

#### TODO

##### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

##### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

#### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

#### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

#### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

#### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

#### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

##### Login

###### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

###### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

###### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

##### Logout

###### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Logout response

HTTP/1.1 204 No Content

##### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

##### Voucher detail

###### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

##### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

###### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

##### Voucher order detail

###### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

##### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

###### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

##### Content

See [Content Service] for more information on the source of these fields.

###### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

###### Content response

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

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

##### Verification

See for more information on the source of these fields.

###### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

###### Verification by phone number response

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

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

###### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

###### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

##### Cookies

###### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

###### Cookies response

HTTP/1.1 200 OK

##### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

###### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

##### i18 internationalization

* Retrieves i18next json based on requested language

###### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

## UC3 Just testing

### Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

#### TODO

##### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

##### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

#### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

#### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

#### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

#### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

#### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

##### Login

###### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

###### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

###### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

##### Logout

###### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Logout response

HTTP/1.1 204 No Content

##### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

##### Voucher detail

###### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

##### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

###### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

##### Voucher order detail

###### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

##### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

###### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

##### Content

See [Content Service] for more information on the source of these fields.

###### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

###### Content response

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

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

##### Verification

See for more information on the source of these fields.

###### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

###### Verification by phone number response

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

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

###### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

###### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

##### Cookies

###### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

###### Cookies response

HTTP/1.1 200 OK

##### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

###### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

##### i18 internationalization

* Retrieves i18next json based on requested language

###### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

## UC3 Just testing

### Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

#### TODO

##### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

##### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

#### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

#### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

#### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

#### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

#### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

##### Login

###### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

###### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

###### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

##### Logout

###### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Logout response

HTTP/1.1 204 No Content

##### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

##### Voucher detail

###### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

##### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

###### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

###### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

##### Voucher order detail

###### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

##### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

###### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

##### Content

See [Content Service] for more information on the source of these fields.

###### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

###### Content response

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

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

##### Verification

See for more information on the source of these fields.

###### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

###### Verification by phone number response

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

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

###### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

###### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

##### Cookies

###### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

###### Cookies response

HTTP/1.1 200 OK

##### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

###### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

###### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

##### i18 internationalization

* Retrieves i18next json based on requested language

###### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

# Markdown3

## Edge Service

The Edge Service provides the interface between the public REST API and internal AMQP API.

### TODO

#### TODO version 1.0

* [x] Test environment and credentials
* [x] specify voucher content fields
* [x] specify voucher pricing fields
* [x] specify payment method fields

#### TODO version 1.0-next

* [ ] refactor entities and apply relationships
* [ ] provide full resource schemas
* [ ] enforce validation of resource schemas

### Test environment and credentials

TODO

| Username | Password | Description |
| --- | --- | --- |
| [test@test.org](mailto:test@test.org) | test | just protected |
| [test@gmail.com](mailto:test@gmail.com) | test | just testing |
| testtest | test | qa |

### Edge Service Registry

The Edge Service Registry is responsible to maintain an index of all currently available Edge Services and configure all its known [Load-Balancers] accordingly.

As of writing no hosting solution has been chosen yet. Therefor the actual API which is used to configure the load-balancers remains unspecified for now.

All Edge Service Instances **must** register themselves on the registry on startup and un-register on shutdown.

### Edge Service Relay

Every Edge Service will be provided with a local relay connecting its instances to the central Message Broker cluster. The message exchange routing of the relay is configured in such a way, that only messages relevant to its connected Edge Services is routed to it from the broker cluster.

See [Message Relay] for more information.

### Edge Service Client

Each Service that is to be served by the Edge Service is represented by a so-called Edge Service Client. It is responsible to provide the implementation of the public REST API for that given service.

### ReST API

The Edge Service API acts as translation layer between the Services and the Frontend. The actual logic is implemented in separate [Edge Service Client]s for each individual Service consumed by the API or API endpoint provided by the API, respectively.

All public-facing endpoints **must** adhere to the [JSONAPI] specification and be subject to strict [Access Control].

#### Login

##### Login request

| Variables | Description | Example |
| --- | --- | --- |
| ICP\_SHOP\_ID | see [Test environment and credentials] |  |
| ICP\_SHOP\_PASSPHRASE | see [Test environment and credentials] |  |
| ICP\_SHOP\_DIGEST | Derived from ${ICP\_SHOP\_ID} and ${ICP\_SHOP\_PASSPHRASE} | MzAwMDAwMTY6dG9wLXNlY3JldC1wYXNzcGhyYXNl |

POST /api/rest/v1/auth/login HTTP/1.1
Authorization: Basic ${ICP\_SHOP\_DIGEST}
Accept: application/vnd.api+json

##### Login response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

##### Cookies

| Name | Value | Domain | Path | Expires | HttpOnly | Secure |
| --- | --- | --- | --- | --- | --- | --- |
| SESSION | MmQ5ZjkxOGItMTM4My00M2E0LWI1MDYtYmUwZjYwMzJiZDY5 | master.env.api.shop1.rocks | / | Seassion | true | false |

#### Logout

##### Logout request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

POST /api/rest/v1/auth/logout HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Logout response

HTTP/1.1 204 No Content

#### Voucher list

See [VoucherWebList] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher list request

GET /api/rest/v1/vouchers HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher list response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":[
{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
},
{
"id":"a3473e20-19b4-44fe-8389-67a511854759",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL15",
"currency":"EUR",
"ean-code":"8717472242129",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 15 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 15",
"value":15.0,
"price-total":16.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods":[
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
}
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
]
}
}
]
}

#### Voucher detail

##### Voucher detail request

GET /api/rest/v1/vouchers/:voucher-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data":{
"id":"f634f09f-9a06-4297-a326-0d703938b702",
"type":"voucher",
"attributes":{
"code":"LEBALLINNL10",
"currency":"EUR",
"ean-code":"8717472242211",
"encryption-type":0,
"kind":0,
"name":"Lebara All-in NL 10 EUR",
"provider-code":"LEBARA",
"provider-name":"Lebara",
"short-name":"All-in NL 10",
"value":10.0,
"price-total":11.99,
"price-tax":0.00,
"price-fee":1.99,
"payment-methods": {
"wirecard-creditcard":{
"name":"Credit Card",
"provider-name":"Wirecard",
"image-url":"https://wirecard.com/logo.png"
},
"wirecard-paypal":{
"name":"PayPal",
"provider-name":"Wirecard"
}
}
}
}
}

#### Voucher order

See [VoucherWebReserve] method in the [Mimas integration] documentation for the source of these fields.

##### Voucher order request

| Variables | Description | Example | | ------------------------| -------------------------------------------- | --------------------------------------------------------------- | |

POST /api/rest/v1/voucher-orders HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"voucher-code": "VODADE15"
"payment-method": "Wirecard VISA",
"notification-type": "email",
"notification-target": "me@my-email.com",
"provider-text-url": "https://provider.texts",
"order-success-redirect-url": "/success",
"order-failed-redirect-url": "failed",
"order-canceled-redirect-url": "/cancel"
}
}
}

| field name | type | constrains | description | example |
| --- | --- | --- | --- | --- |
| id | UUID | globally unique | globally unique UUID | c91feaf3-5968-4b60-aa5b-62fe7fdd905c |
| type | string | n/a | type of request, must be "voucher-order", "voucher-order" |  |
| voucher-code | string | n/a | code of the voucher gathered from voucher list | "VODADE15" |
| payment-method | string | n/a | on of the allowed methods for the voucher, denoted in voucher list response | "Wirecard VISA" |
| notification-type | string | currently only "email" is supported | type of the notification target | "email" |
| notification-target | string | n/a | target adress | "[me@my-email.com](mailto:me@my-email.com)" |
| order-success-redirect-url | string | valid URL | Where the wirecard should redirect if payment was successfull | protect |
| order-failed-redirect-url | string | valid URL | Where the wirecard should redirect if payment fails | protect |
| order-canceled-redirect-url | string | valid URL | Where the wirecard should redirect if payment was canceled | protect |

##### Voucher order response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 0.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "0",
"batch-number": "1234"
}
}
}

#### Voucher order detail

##### Voucher order detail request

GET /api/rest/v1/voucher-orders/:order-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Voucher order detail response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"id": "c91feaf3-5968-4b60-aa5b-62fe7fdd905c",
"type": "voucher-order",
"attributes": {
"notification-status": "pending",
"confirmation-status": "pending",
"notification-type": "email",
"notification-target": "me@my-email.com",
"payment-provider": "wirecard",
"payment-redirect-url": "https://wpp-test.wirecard.com/?wPaymentToken=y93bki675x2CdKP8-h0mLD2zDgf26ptjxSNRiKFiIlM",
"payment-session-id": "4b7c0aec-3db3-4cd2-9b22-4d41fb964fdc",
"payment-status": "pending",
"payment-method": "creditcard",
"voucher-code": "LEBALLINNL10",
"voucher-currency": "EUR",
"voucher-value": 10.0
"voucher-status": "pending",
"order-price-total": 11.99,
"order-tax-total": 0.00,
"order-fee-total": 1.99,
"order-status": "pending",
"serial-number": "1234",
"confirmation-date": "1611313953175"
}
}
}

#### Provider Text

See [GetProvicerTexts] method in the [Mimas integration] documentation for the source of these fields.

##### Provider Text request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/provider-texts/ HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

GET /api/rest/v1/provider-texts/:provider-id HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Provider Text response

HTTP/1.1 201 Created
Content-Type: application/vnd.api+json

{
"data": [
{
"id": "f74bb480-d6df-47ad-8a17-8d7b1b176661",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "title",
"title": "Produktname",
"body": "About You-Geschenkkarte"
}
},
{
"id": "a598bf3b-abe0-4fc4-80fa-135a84510c81",
"type": "voucher-text",
"attributes": {
"provider-code": "ABOUTYOU",
"kind": "subtitle",
"title": "Slogan",
"body": "Hol Dir per E-Mail eine About You-Geschenkkarte."
}
}
]
}

#### Content

See [Content Service] for more information on the source of these fields.

##### Content request

| Variables | Description | Example |
| --- | --- | --- |
|  |  |  |

GET /api/rest/v1/content/i18next.json HTTP/1.1
Authorization: No Auth
Accept: application/json

##### Content response

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

{
"en": {
"world.hello": "Hello, World!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Cancel",
"radio.options": {
"option-1": "Selection 1",
"option-2": "Selection 2",
}
},
"de": {
"world.hello": "Hallo, Welt!",
"example.text": "Lorem ipsum dolor sit amet...",
"button.cancel": "Abbrechen"
"radio.options": {
"option-1": "Auswahl 1",
"option-2": "Auswahl 2",
}
}
}

#### Verification

See for more information on the source of these fields.

##### Verification request by phone number

POST /api/rest/v1//auth/phone-number-verification HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "38f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"sms-confirmation-code": "716569"
}
}
}

##### Verification by phone number response

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

{
"data": {
"type": "phone-number-verification",
"attributes": {
"phone-number": "+381691994655",
"ok": false,
"remaining-number-of-attempts": 4,
"remaining-expiration-time": 0
}
}
}

##### Verification request by sms

POST /api/rest/v1/auth/sms-verification-code HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": {
"id": "48f4dfef-9baa-4302-831f-e41df4ce4084",
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655"
}
}
}

##### Verification by sms number response

HTTP/1.1 200 OK
Content-Type: application/vnd.api+json

{
"data": {
"type": "sms-verification-code",
"attributes": {
"phone-number": "+381691994655",
"ok": true,
"remaining-number-of-attempts": 2,
"remaining-delay-time": 20,
"remaining-expiration-time": 1800
}
}
}

#### Cookies

##### Cookies request

POST /api/rest/v1/cookies HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json
{
"data": [
{
"type": "cookie",
"id": "shopId",
"attributes": {
"name": "shopId",
"value": "1234"
}
},
{
"type": "cookie",
"id": "ns\_dev\_id",
"attributes": {
"name": "ns\_dev\_id",
"value": "device\_id"
}
}
]
}

##### Cookies response

HTTP/1.1 200 OK

#### Documentation

Returns list of Json Schemas for request and response for requested rest endpoint. Use exact endpoint plus schema url parameter. For example, /api/rest/v1/vouchers?schema will return json schemas for /api/rest/v1/vouchers endpoint.

##### Documentation request

GET /api/rest/v1/vouchers?schema HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

##### Documentation response

Complete Response is omitted because of size , here is just a part :

HTTP/1.1 200 OK

{
"required": [
"createdDate",
"notificationStatus",
"notificationTarget",
"notificationType",
"orderFeeTotal",
"orderPriceTotal",
"orderStatus",
"orderTaxTotal",
"paymentMethod",
"paymentProvider",
"paymentStatus",
"shortId",
"voucherCode",
"voucherCurrency",
"voucherStatus",
"voucherValue"
]
}

#### i18 internationalization

* Retrieves i18next json based on requested language

##### i18 request

GET api/rest/v1/content/i18next.json/de HTTP/1.1
Authorization: No Auth
Accept: application/vnd.api+json

# Markdown1-2

## PUZZLES CLOUD MARKDOWN FILE HEADING 1

### Welcome to the puzzles cloud md file HEADING 2

#### Let's start with stupid jokes HEADING 3

##### **Let me tell you stupid joke on German: HEADING4**

* "Hey Philipp, wie war denn der Urlaub?"
* "Gräßlich! Im Hotel hatte ich Zimmernummer hundert. Und vom Türschild ist die Eins abgefallen!"

ÜÜÜÜÜÜ- that was stupid

##### Let's switch to the Czech language HEADING 4

* "Co rłńóobi trakłńótośźr u fśźryśźżzjera?"
* Warćękocze.

ąćęłńóśźż!!!!

Just kidding, that was Poland language u fool, let's switch to the Czech for real

###### Real Czech language HEADING 5

**ýžáčďéěíňóřšťúů**

* Jak říkáte albínskému muži z Prahy?
* Prázdný Čech.

## Longest Serbian word he he HEADING 1

Here you go: АБВГДЂЕЖЗИЈКЛЉМНЊОПРСТУФХЦЧЏШ

### Serbian literature HEADING 2

Весела песма
Из школе се враћа Стева
сав весео путем пева.
Уз пут среће бака Јелу:
„Ћирилицу знадем целу!"
Кући дође, па са врата:
„Ћирилицу знадем, тата!"
„Све сад, мајко, читам сам,
јер од данас и „ш" знам!"
Оком тражи и сестрицу:
„Сејо, знадем ћирилицу!"
Потом оде до икона,
па начини три поклона.
Хоће Стева да се јави
и захвали Светом Сави.
Свети Сава Стеву чује,
па се скупа с њим радује:
„Српство ми је од сад јаче
за још једно вредно ђаче!"

## It's enough, lets start with some smart things HEADING 1

1.

PLAY THIS VIDEO AND THANKS ME LATER!

**HIT THAT PLAY BUTTON** 

Yep, it's a picture, fool... lol
Here you go, CLICK IT:



Figure 1: Last Page