

REST API

This document describes the REST API.

Status codes

The REST API uses the following HTTP status codes:

1xx: informational

2xx: success

- *200*: OK, request has succeeded
- *201*: Created e.g. after successful POST request
- *204*: Success, but returning no body e.g. after successful DELETE request

3xx: redirection

4xx: client errors

- *400*: Bad request, the request is malformed
- *401*: Unauthorized, the user needs to authenticate or provides invalid authentication details
- *403*: Forbidden, the user is logged in, but is not allowed access
- *404*: Not found, non-existent resource is requested
- *405*: Method not allowed, when certain HTTP method is requested that isn't allowed
- *415*: Unsupported media type, when incorrect content type was requested
- *419*: Session has expired
- *422*: Validation error, the data is not valid

5xx: server errors

- *500*: Server encountered an error while fulfilling the request
- *503*: Service unavailable e.g. in case of overload or maintenance

The client uses the status code to interpret the response, so it is important that each response contains a correct status code.

For a technical breakdown of HTTP status codes, please visit <http://www.w3.org/Protocols/rfc2616/rfc2616-sec10.html>.

HTTP verbs

Where possible, use the appropriate HTTP verb:

- *GET*: retrieve resources
- *POST*: create resources
- *PATCH*: update resources with partial data
- *PUT*: update resources
- *DELETE*: delete resources

Endpoints

Log in

POST /login

Input

- *username*: username
- *password*: password

Response

```
{
  "id": 1,
  "name": {
    "first": "John",
    "last": "Doe"
  }
}
```