Tk-App Rest API

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Chapter 1. Overview

This is the Example Rest API specification.

1.1. Version information

Version : 0.0.1-SNAPSHOT

1.2. Contact information

Contact : Thomas Laegler
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1.3. License information

License : Apache License 2.0
License URL : https://www.apache.org/licenses/LICENSE-2.0.html
Terms of service : http://www.tk.de

1.4. URI scheme

Host : localhost:8080
BasePath : /tkapp
Schemes : HTTP

Chapter 2. Chapter of manual content 1

This is some dummy text

2.1. Sub chapter

Dummy text of sub chapter

Chapter 3. Paths

3.1. Add a new Something

```
POST /somethings
```

3.1.1. Description

Add a new Something.

3.1.2. Parameters

Type	Name	Description	Schema	Default
Body	body *required*	Something object that needs to be added to database.	Something	

3.1.3. Responses

HTTP Code	Description	Schema
200	New Something successfully added.	Something
201	New Something successfully added.	No Content
400	Invalid Something supplied.	No Content
405	Validation exception.	No Content
default	An unexpected error occured.	Error

3.1.4. Consumes

- application/json
- application/vnd.de.tk.tkapp.v1+json
- application/xml

3.1.5. Produces

- application/json

- application/vnd.de.tk.tkapp.v1+json
- application/xml

3.1.6. Tags

- Something

3.1.7. Security

Type	Name	Scopes
oauth2	oauth	basic

3.2. Get all existing Somethings

```
GET /somethings
```

3.2.1. Description

Get all existing Somethings.

3.2.2. Responses

HTTP Code	Description	Schema
200	Successful response	< Something > array
default	An unexpected error occured.	Error

3.2.3. Produces

- application/json
- application/vnd.de.tk.tkapp.v1+json
- application/xml

3.2.4. Tags

- Something

3.2.5. Security

Type	Name	Scopes
oauth2	oauth	basic

3.3. Update an existing Something

```
PUT /somethings
```

3.3.1. Description

Update an existing Something.

3.3.2. Parameters

Type	Name	Description	Schema	Default
Body	body *required*	Something object that needs to be added to database.	Something	

3.3.3. Responses

HTTP Code	Description	Schema
200	Something successfully updated.	Something
205	Something successfully updated. Client should reset/recall content.	No Content
400	Invalid Something supplied.	No Content
404	Something not found.	No Content
405	Validation exception.	No Content
default	An unexpected error occured.	Error

3.3.4. Consumes

- `application/json`
- `application/vnd.de.tk.tkapp.v1+json`

- application/xml

3.3.5. Produces

- application/json
- application/vnd.de.tk.tkapp.v1+json
- application/xml

3.3.6. Tags

- Something

3.3.7. Security

Type	Name	Scopes
oauth2	oauth	basic

3.4. Remove an existing Something

```
DELETE /somethings
```

3.4.1. Description

Remove an existing Something from database.

3.4.2. Parameters

Type	Name	Description	Schema	Default
Body	body *required*	Something object that needs to be removed from database.	Something	

3.4.3. Responses

HTTP Code	Description	Schema
200	Something successfully removed.	No Content
204	Something successfully removed.	No Content
400	Invalid Something supplied.	No Content

HTTP Code	Description	Schema
404	Something not found.	No Content
405	Validation exception.	No Content
default	An unexpected error occured.	Error

3.4.4. Consumes

- `application/json`
- `application/vnd.de.tk.tkapp.v1+json`
- `application/xml`

3.4.5. Tags

- Something

3.4.6. Security

Type	Name	Scopes
oauth2	oauth	basic

3.5. Find an existing Something

```
GET /somethings/{id}
```

3.5.1. Description

Find an existing Something from database by ID.

3.5.2. Parameters

Type	Name	Description	Schema	Default
Path	id *required*	ID of Something that needs to be fetched.	integer(int64)	

3.5.3. Responses

HTTP Code	Description	Schema
200	Successful response	Something
400	Invalid ID of Something supplied.	No Content
404	Something not found with given ID.	No Content
405	Validation exception.	No Content
default	An unexpected error occured.	Error

3.5.4. Consumes

- `application/json`
- `application/vnd.de.tk.tkapp.v1+json`
- `application/xml`

3.5.5. Produces

- `application/json`
- `application/vnd.de.tk.tkapp.v1+json`
- `application/xml`

3.5.6. Tags

- Something

3.5.7. Security

Type	Name	Scopes
oauth2	oauth	basic

Chapter 4. Security

4.1. key

Type : apiKey
Name : access_token
In : QUERY

4.2. oauth

Type : oauth2
Flow : implicit
Token URL : https://app-dev.tk-online.net/tkapp/rest/token

Name	Description
basic	to read any and all data related to a user (e.g. following/followed-by lists, photos, etc.) (granted by default)
comments	to create or delete comments on a user's behalf
relationships	to follow and unfollow users on a user's behalf
likes	to like and unlike items on a user's behalf

Chapter 5. Definitions

5.1. Error

Generic Error object.

Name	Description	Schema
code *required*	Error Code of this Error. **Example** : `123`	integer(int64)
message *required*	Message Body of this Error. **Example** : `"Your Request was somehow invalid."`	string
title *required*	Title of the Error Message. **Example** : `"Invalid Request"`	string

5.2. OtherObject

A Reference to another object.

Name	Description	Schema
id *required*	Id of OtherObject. **Example** : `1`	integer(int64)
name *required*	Name of OtherObject. **Example** : `"aOtherObject"`	string

5.3. Something

A Something object.

Name	Description	Schema
id *required*	Id of Something. **Example** : `1`	integer(int64)
name *required*	Name of Something. **Example** : `"aSomething"`	string
otherObject *optional*		OtherObject