

Create OpenAPI Schema

Objective

Use OpenAPI Schema v3 in Postman to:

- create collection
- validate collection
- create documentation

<https://www.youtube.com/watch?v=BUZiRtGRHj0>

<https://learning.postman.com/docs/designing-and-developing-your-api/the-api-workflow/>


Steps

1. create the api on postman that you want convert to OpenApi
 2. send request that api you want convert and save response as example
 3. export collection
 4. use this services convert it to OpenAPI 3.0 format
[<https://www.apimatic.io/dashboard?modal=transform>]
 5. open that file with text editor
 6. go postman APIs tab create a new API schema
 7. paste that schema and remove all example from schema
 8. generate schema to collection
 9. delete untitled example
 10. switch back to APIs -> Test tab and click Validate
-

Steps

Step 1: Convert postman collection into OpenAPI schema (if necessary)

<https://www.apimatic.io/dashboard?modal=transform>

 Will need to tidy up / delete away unwanted 'examples', etc.

Step 1: Edit OpenAPI Schema in Swagger Editor

<https://editor.swagger.io/>

Step 2: Create/Edit JSON Schema

Paste JSON response into:

<https://jsonschema.net/home>

JSONschema.net

Please use GitHub to report bugs

GitHub

JSON

Settings

Your JSON is valid

```
1 {
2   "total_count": 13,
3   "data": [{
4     "object": "category",
5     "id": "1102",
6     "name": "Animals",
7     "html": {
8       "url": "https://stage.motionelements.com/sound-effects/animals-sfx-1102"
9     },
10    "type": "category"
11  },
12  {
13    "object": "category",
14    "id": "1101",
15    "name": "App - Game",
16    "html": {
17      "url": "https://stage.motionelements.com/sound-effects/app-game-sfx-1101"
18    },
19    "type": "category"
20  },
21  {
22    "object": "category",
23    "id": "1103",
24    "name": "Comic - Film Fx",
25    "html": {
26      "url": "https://stage.motionelements.com/sound-effects/comic-film-fx-1103"
27    }
28  }
29 ]
30 }
```

RESET SUBMIT

JSON Schema

<> Code Graph Edit

COPY TO CLIPBOARD EMAIL SCHEMA

```
1 {
2   "$schema": "http://json-schema.org/draft-07/schema",
3   "$id": "http://example.com/example.json",
4   "type": "object",
5   "title": "The root schema",
6   "description": "The root schema comprises the entire JSON document.",
7   "default": {},
8   "examples": [{}],
9   "required": [
10    "total_count",
11    "data"
12  ],
13  "properties": {
14    "total_count": {
15      "$id": "#/properties/total_count",
16      "type": "integer",
17      "title": "The total_count schema",
18      "description": "An explanation about the purpose of this instance.",
19      "default": 0,
20      "examples": [
21        13
22      ]
23    },
24    "data": {
25      "$id": "#/properties/data",
26      "type": "array",
27      "title": "The data schema",
28      "description": "An explanation about the purpose of this instance.",
29      "default": []
30    }
31  }
32 }
```

half a minute ago

Step 3: Paste JSON Schema into Swagger Editor in step 2

⚠ Will need to tidy up, delete away incompatible additionalProperties, etc.

Ref

[Petstore OpenApi schema](#)

<https://apisyouwonthate.com/blog/creating-api-specifications-from-bullst>

<https://apievangelist.com/2019/07/10/the-json-schema-tooling-in-my-life/>