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Content ▼

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## OpenAPI (aka Swagger)

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12/12/2019

I had high hopes for using OpenAPI (<https://swagger.io/specification/>) to design and document our API. After spending time with it, however, I'm not sure it's going to be worth the added effort. I thought maybe the ability to generate code would save us time, but having now looked at that code, I don't think we would use it.

The editor is pretty nice as shown here:

Info

Tags

Servers

Q Search

POST /login

GET /me

GET /refresh/{token}

password ^

PATCH /password/{id}

users ^

GET /users

POST /users

GET /users/{id}

DELETE /users/{id}

PATCH /users/{id}

subscribers ^

GET /subscribers

POST /subscribers

GET /subscribers/{subscriber.}

Schemas ^

SCHEMA AccessRole

SCHEMA Role

SCHEMA AuthToken

Aa

SAVE

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```
get:
  description: Returns a single user by its ID.
  tags:
    - users
  summary: Returns a single user.
  operationId: getUser
  parameters:
    - description: id of user
      name: id
      in: path
      required: true
      schema:
        type: integer
  responses:
    "200":
      $ref: "#/components/responses/userResp"
    "400":
      $ref: "#/components/responses/BadRequest"
    "401":
      $ref: "#/components/responses/Unauthorized"
    "403":
      $ref: "#/components/responses/Forbidden"
    "404":
      $ref: "#/components/responses/NotFound"
    "500":
      $ref: "#/components/responses/GeneralError"
delete:
  description: Deletes a user with requested ID.
  tags:
    - users
  summary: Deletes a user
  operationId: userDelete
  parameters:
    - description: id of user
      name: id
      in: path
      required: true
      schema:
        type: integer
  responses:
    "200":
      $ref: "#/components/responses/ok"
    "400":
      $ref: "#/components/responses/BadRequest"
    "401":
      $ref: "#/components/responses/Unauthorized"
    "403":
      $ref: "#/components/responses/Forbidden"
    "500":
      $ref: "#/components/responses/GeneralError"
```

Last Saved: 5:38:14 pm - Dec 12, 2019

VALID

users

GET /users Returns list of users.

POST /users Creates new user account.

Parameters

Try it out

No parameters

Request body required application/json

Request body

Example Value Schema

```
{
  "company_id": 0,
  "email": "string",
  "first_name": "string",
  "last_name": "string",
  "password": "string",
  "password_confirm": "string",
  "role_id": 0,
  "username": "string"
}
```

Responses

Code	Description	Links
200	User model response	No links

And it can generate some nice html static documentation as seen here (see attached for full file).

API SUMMARY

API METHODS - AUTH

login  
meReq  
refresh

API METHODS - PASSWORD

pwChange

API METHODS - SUBSCRIBERS

getSubscriberById  
getSubscriberList  
subscribersPost

API METHODS - USERS

getUser  
listUsers  
userCreate  
userDelete  
userUpdate

GET

/users/{id}

Usage and SDK Samples

CurlJavaAndroidObj-CJavaScriptC#PHPPerlPython

curl -X GET -H "Authorization: [[apiKey]]" "https://sandpiper.winsbygroup.com/v1/users/{id}"

Parameters

Path parameters

Name	Description
id*	Integer id of user Required

Responses

Status: 200 - User model response

Schema

▼ {

active: boolean

address: string

company\_id: integer (int64)

But it's probably too much detail for effective communication at a high level. I ended up working on minutia instead of the big picture design. For that reason, at least for now, I'm switching to Word (or maybe Excel).

📎 Attachments

- big-picture (/spaces/127/sandpiper/searchresults?keyword=%22big-picture%22&searchtags=1)
- design (/spaces/127/sandpiper/searchresults?keyword=%22design%22&searchtags=1)
- openapi (/spaces/127/sandpiper/searchresults?keyword=%22openapi%22&searchtags=1)

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