



A large, abstract polygonal background with a color gradient transitioning from warm tones (orange, yellow, brown) on the left to cool tones (blue, teal, light green) on the right. The polygons are of varying sizes and orientations, creating a sense of depth and movement.

# Swagger API Docs Lab

# <https://swagger.io/>

The screenshot shows the Swagger homepage. At the top, there's a navigation bar with links for Tools, Learn, and Resources. A red arrow points from the 'Sign In' button on the right to the 'Sign In' button highlighted in the center of the page. Below the navigation, a large section titled 'API Development for Everyone' is displayed. It includes a sub-section 'Simplify your API development with our open-source and professional tools, built to help you and your team efficiently design and document APIs at scale.' At the bottom, there are buttons for 'Find your tool' and 'Read the docs →'. The footer is labeled 'TRUSTED BY' and lists Microsoft, National Geographic, and ZUORA.

**pet** Everything about your Pets

- POST /pet/{petId}/uploadImage uploads an image
- POST /pet Add a new pet to the store
- PUT /pet Update an existing pet
- GET /pet/findByStatus Finds Pets by status
- GET /pet/{petId} Find pet by ID
- POST /pet/{petId} Updates a pet in the store with form data
- DELETE /pet/{petId} Deletes a pet

The screenshot shows the SmartBear 'Create your account' page. It features the SmartBear logo and the heading 'Create your account'. A message states 'A SmartBear ID is needed to continue to SmartBear Platform Trials.' Below this is a form field for 'Email address\*' containing 'pittipol@gmail.com'. A large green arrow points from the 'Sign In' button on the Swagger page to this email input field. There are also 'Continue' and 'Log in' buttons, and links for 'Continue with Microsoft Account', 'Continue with Google', and 'Continue with GitHub'.

**SMARTBEAR**

Create your account

A SmartBear ID is needed to continue to SmartBear Platform Trials.

Email address\*

pittipol@gmail.com

Continue

Already have an account? [Log in](#)

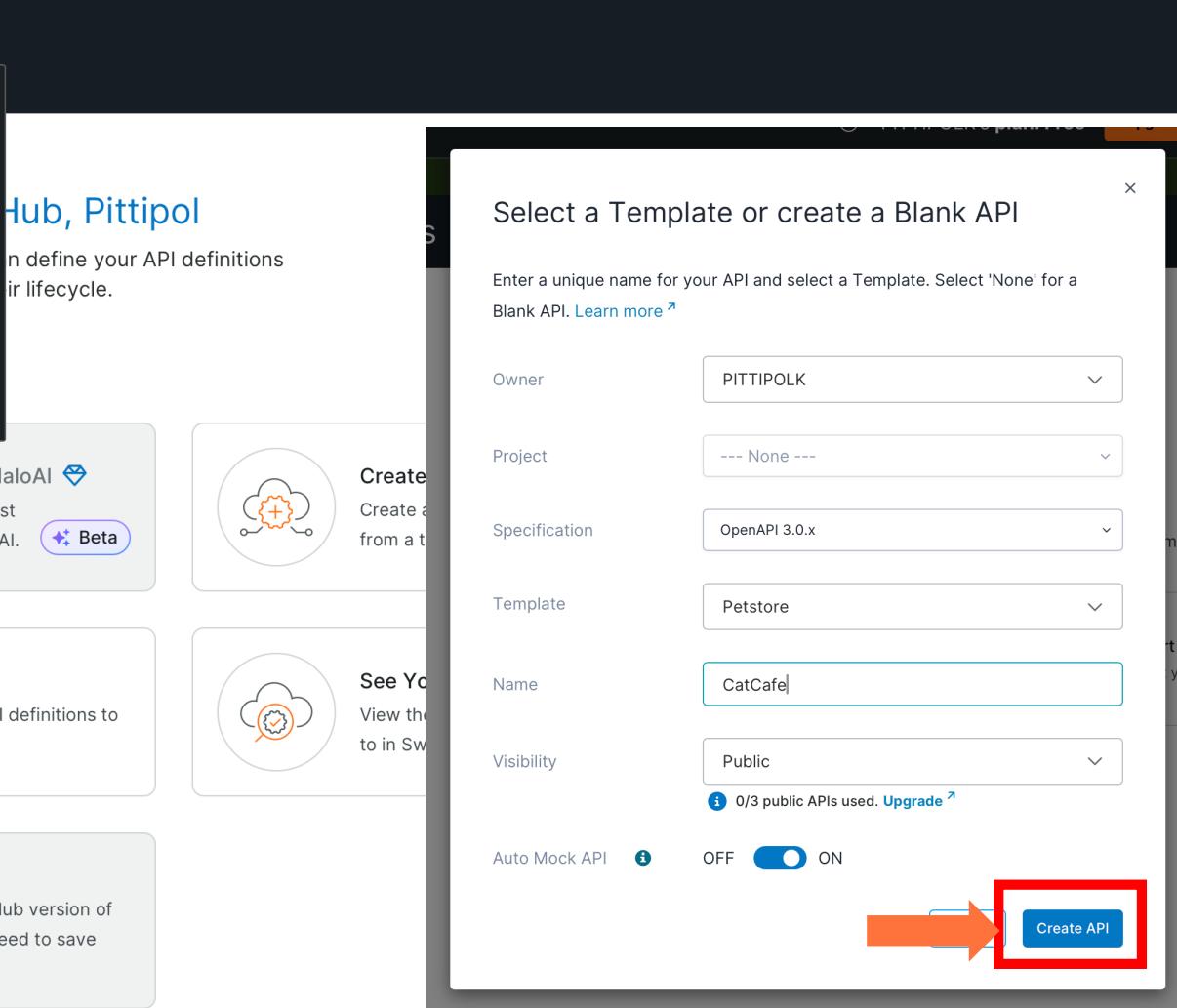
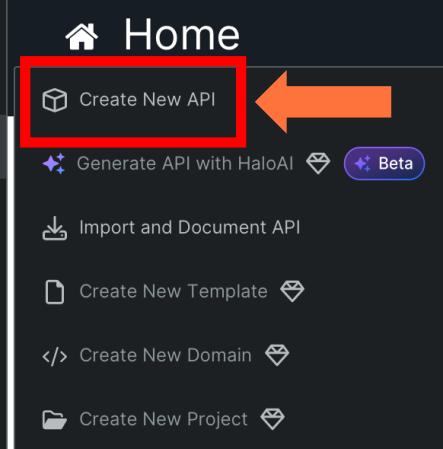
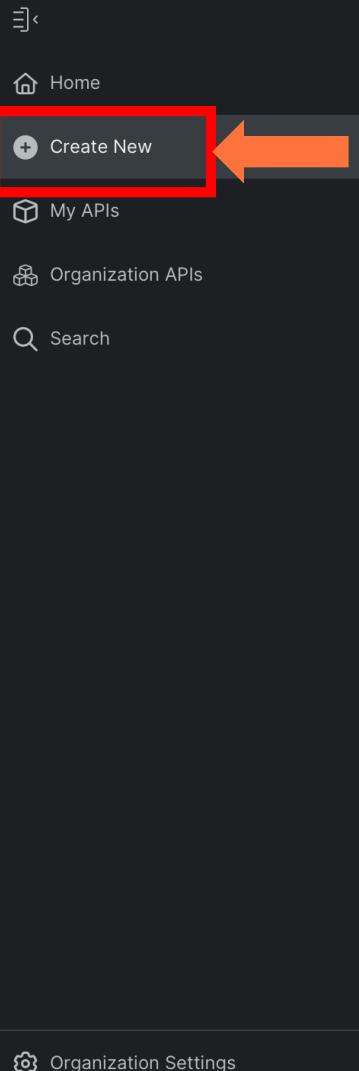
OR

Continue with Microsoft Account

Continue with Google

Continue with GitHub

API Hub is now live! A new experience is on the way—stay tuned. Learn more ↗



API Hub is now live! A new experience is on the way—stay tuned. [Learn more](#)

← CatCafe ▾ Version: 1.0.0 ▾

[Export](#) ▾[Open in Explore](#)[Codegen](#) ▾[Save to Hub](#) ▾[PACTFLOW](#)[Sync](#)[Comments](#)[Aa](#)[Code](#)[Form](#) ▾

Preview



## Info

## Tags

## Servers

[Search](#)

## pet ^

**PUT** /pet**POST** /pet**GET** /pet/findByStatus**GET** /pet/findByTags**GET** /pet/{petId}**POST** /pet/{petId}**DELETE** /pet/{petId}**POST** /pet/{petId}/uploadImage

## store ^

**GET** /store/inventory**POST** /store/order**GET** /store/order/{orderId}**DELETE** /store/order/{orderId}

## user ^

```
1 openapi: 3.0.4
2 info:
3   title: Swagger Petstore - OpenAPI 3.0
4   description: |-
5     This is a sample Pet Store Server based on the OpenAPI 3.0 specification.
6     You can find out more about
7     Swagger at [https://swagger.io](https://swagger.io). In the third iteration
8     of the pet store, we've switched to the design first approach!
9     You can now help us improve the API whether it's by making changes to the
10    definition itself or to the code.
11   That way, with time, we can improve the API in general, and expose some of
12    the new features in OAS3.
13
14   Some useful links:
15   - [The Pet Store repository](https://github.com/swagger-api/swagger-petstore)
16   - [The source API definition for the Pet Store](https://github.com/swagger-
17     -api/swagger-petstore/blob/master/src/main/resources/openapi.yaml)
18   termsOfService: https://swagger.io/terms/
19   contact:
20     email: apiteam@swagger.io
21   license:
22     name: Apache 2.0
23     url: https://www.apache.org/licenses/LICENSE-2.0.html
24   version: 1.0.0
25   externalDocs:
26     description: Find out more about Swagger
27     url: https://swagger.io
28   servers:
29     # Added by API Auto Mocking Plugin
30     - description: SwaggerHub API Auto Mocking
31     url: https://virtserver.swaggerhub.com/PITTIPOLK/CatCafe/1.0.0
32     - url: https://petstore3.swagger.io/api/v3
33   tags:
34     - name: pet
35     description: Everything about your Pets
36   externalDocs:
37     description: Find out more
38     url: https://swagger.io
```

# Swagger Petstore - OpenAPI 3.0

1.0.0 OAS 3.0

This is a sample Pet Store Server based on the OpenAPI 3.0 specification. You can find out more about Swagger at <https://swagger.io>. In the third iteration of the pet store, we've switched to the design first approach! You can now help us improve the API whether it's by making changes to the definition itself or to the code. That way, with time, we can improve the API in general, and expose some of the new features in OAS3.

Some useful links:

- [The Pet Store repository](#)
- [The source API definition for the Pet Store](#)

Terms of service

Contact the developer

Apache 2.0

Find out more about Swagger

## Servers

<https://virtserver.swaggerhub.com/PITTIPOLK/CatCafe/1.0.0 - SwaggerHub ...>

[Authorize](#)

4

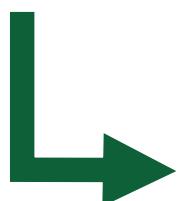
The screenshot shows the SwaggerHub interface for a project named 'Cats' at version 1.0.0. The left sidebar lists API endpoints for 'pet' and 'store'. The main area displays the Swagger specification code. A dropdown menu is open under the 'Codegen' tab, showing various options including 'nodejs-server', which is highlighted.

```

1  openapi: 3.0.0
2  info:
3    description: I
4      This is a sample server - you can find more about Swagger at
5      [http://swagger.io](http://swagger.io)
6      [irc.freenode.net, #swagger](http://s
7      [irc.freenode.net, #swagger](http://s
8    version: "1.0.0"
9    title: Swagger Petstore
10   termsOfService: 'http://swagger.io/terms/
11   contact:
12     email: apiteam@swagger.io
13   license:
14     name: Apache 2.0
15     url: 'http://www.apache.org/licenses/
16   servers:
17     # Added by API Auto Mocking Plugin
18     - description: SwaggerHub API Auto Mock
19       url: https://virtserver.swaggerhub.co
20     - url: 'https://petstore.swagger.io/v2'
21   tags:
22     - name: pet
23       description: Everything about your Pets
24       externalDocs:
25         description: Find out more
26         url: 'http://swagger.io'
27     - name: store
28       description: Access to Petstore orders
29     - name: user
30       description: Operations about user

```

Download  
>> MCV > Supplementary  
> CatCafe (Swagger  
Codegen)



The screenshot shows a file explorer window titled 'nodejs-server-server-generated'. It contains a folder named 'nodejs-server-server-generated' which contains a file named 'nodejs-server-server-generated.zip'. To the right, there is a list of files and folders: 'api', 'controllers', 'service', 'utils', 'index.js', 'package.json', and 'README.md'.

EXPLORER

...

✓ **CATC...**   
> api  
> controllers  
> service  
> utils  
JS index.js  
{ } package.json

ⓘ README.md

ⓘ README.md ×

ⓘ README.md > abc # Swagger generated server

```
1  # Swagger generated server
2
3  ## Overview
4  This server was generated by the [swagger-codegen](https://github.com/swagger-api/swagger-codegen) project. By using the [OpenAPI-Spec](https://github.com/OAI/OpenAPI-Specification) from a remote server, you can easily generate a server stub.
5
6  ### Running the server
7  To run the server, run:
8
9  ```
10 npm start
11 ```
12
13 To view the Swagger UI interface:
14
15 ```
16 open http://localhost:8080/docs
17 ```
18
19 This project leverages the mega-awesome [swagger-tools](https://github.com/apigee-127/swagger-tools) middleware which does most all the work.
20
```

# Swagger Petstore - OpenAPI 3.0 1.0.0 OAS3

[/api-docs](#)

This is a sample Pet Store Server based on the OpenAPI 3.0 specification. You can find out more about Swagger at <https://swagger.io>. In the third iteration of the pet store, we've switched to the design first approach! You can now help us improve the API whether it's by making changes to the definition itself or to the code. That way, with time, we can improve the API in general, and expose some of the new features in OAS3.

Some useful links:

- [The Pet Store repository](#)
- [The source API definition for the Pet Store](#)

[Terms of service](#)[Contact the developer](#)[Apache 2.0](#)[Find out more about Swagger](#)

<http://localhost:8080/docs>

## Servers

[https://virtserver.swaggerhub.com/chula-956/CatCafe/1.0.0 - SwaggerHub API Auto Mocking](https://virtserver.swaggerhub.com/chula-956/CatCafe/1.0.0) ▾

[Authorize](#) 

## pet Everything about your Pets

Find out more: <https://swagger.io> ▾

**PUT** [/pet](#) Update an existing pet.



**POST** [/pet](#) Add a new pet to the store.



**GET** [/pet/findByStatus](#) Finds Pets by status.



The screenshot shows the Visual Studio Code interface with the OpenAPI 3.0 specification file, `openapi.yaml`, open in the editor. The Explorer sidebar on the left lists the project structure, including `controllers`, `node_modules`, `service`, `utils`, `index.js`, `package-lock.json`, `package.json`, and `README.md`. The file `openapi.yaml` is selected in the Explorer.

```
openapi: 3.0.4
info:
  title: Swagger Petstore - OpenAPI 3.0
  description: |-  
    This is a sample Pet Store Server based on the OpenAPI 3.0 specification. You can find out more about  
    Swagger at [https://swagger.io](https://swagger.io). In the third iteration of the pet store, we've swit-  
    ched to OAS3.  
    You can now help us improve the API whether it's by making changes to the definition itself or to the co-  
    mmunity. That way, with time, we can improve the API in general, and expose some of the new features in OAS3.
  termsOfService: https://swagger.io/terms/
  contact:
    email: apiteam@swagger.io
  license:
    name: Apache 2.0
    url: https://www.apache.org/licenses/LICENSE-2.0.html
  version: 1.0.0
  externalDocs:
    description: Find out more about Swagger
    url: https://swagger.io
  servers:
    - url: https://virtserver.swaggerhub.com/chula-956/CatCafe/1.0.0
      description: SwaggerHub API Auto Mocking
    - url: https://petstore3.swagger.io/api/v3
  tags:
    - name: pet
      description: Everything about your Pets
      externalDocs:
```

<https://www.npmjs.com/package/swagger-jsdoc>

The screenshot shows the npmjs.com package page for `swagger-jsdoc`. At the top, there's a navigation bar with links for "Pro", "Teams", "Pricing", and "Documentation". Below the navigation is a header with the npm logo, a search bar containing "Search packages", and buttons for "Sign Up" and "Sign In". The main content area features the package name `swagger-jsdoc` with a "6.2.8" badge, a "Public" status, and a "Published a year ago" message. Below this are tabs for "Readme" (selected), "Code" (Beta), "6 Dependencies", "461 Dependents", and "93 Versions". A large section titled "swagger-jsdoc" contains a description: "This library reads your **JSDoc**-annotated source code and generates an **OpenAPI (Swagger) specification**". It also shows download statistics ("downloads 1.8M/month") and CI status ("CI failing"). A "Getting started" section includes a snippet of JSDoc code: 

```
/** * @openapi
```

. To the right, there are sections for "Install" (with a command `npm i swagger-jsdoc`), "Repository" (link to `github.com/Surnet/swagger-jsdoc`), "Homepage" (link to `github.com/Surnet/swagger-jsdoc`), and "Weekly Downloads" (chart showing 426,350 downloads). The bottom right corner of the screenshot has a small number "9".

server.js — MyCat

```
JS server.js ×  
JS server.js > ...  
1  const express = require('express');  
2  const dotenv = require('dotenv');  
3  
4 //Load env vars  
5 dotenv.config({path: './config/config.env'});  
6  
7 const app=express();  
8  
9 const swaggerJsDoc = require('swagger-jsdoc');  
10 const swaggerUI = require('swagger-ui-express');  
11  
12 const swaggerOptions={  
13     swaggerDefinition:{  
14         info: {  
15             title: 'Library API',  
16             version: '1.0.0'  
17         }  
18     },  
19     apis:[ 'server.js' ],  
20 };  
21  
22 const swaggerDocs=swaggerJsDoc(swaggerOptions);  
23 app.use('/api-docs',swaggerUI.serve, swaggerUI.setup(swaggerDocs));  
24  
25 /**  
26 * @swagger  
27 * /cats:  
28 *   get:  
29 *     description: Get all cats!  
30 *     responses:  
31 *       200:  
32 *         description: Success  
33 */  
34  
35 app.get('/api/v1/cats', (req,res) => {  
36     res.status(200).json({success:true, msg:'Show all cats'});  
37 });
```

- Download

>> MCV > Supplementary > MyCat (swagger-jsdoc for api-docs)

- เปิด browser และไปที่ url:

<http://localhost:5050/api-docs/>

The screenshot shows the Swagger UI interface for the 'Library API'. At the top, it says 'Swagger' and 'Supported by SMARTBEAR'. Below that, the title 'Library API 1.0.0' is displayed. On the right, there is a green 'Authorize' button with a lock icon. The main area is titled 'default'. It shows a 'GET /cats' operation with a description 'Get all cats!'. Under 'Parameters', it says 'No parameters'. In the bottom right corner, it says 'Responses' and 'Response content type application/json'. A large green arrow points from the code editor on the left to this screenshot.

```
const swaggerJsDoc = require('swagger-jsdoc');
const swaggerUI = require('swagger-ui-express');

const swaggerOptions={
    swaggerDefinition:{
        info: {
            title: 'Library API',
            version: '1.0.0'
        }
    },
    apis:['server.js'],
};

const swaggerDocs=swaggerJsDoc(swaggerOptions);
app.use('/api-docs',swaggerUI.serve, swaggerUI.setup(swaggerDocs));

/**
 * @swagger
 * /cats:
 *   get:
 *     description: Get all cats!
 *     responses:
 *       200:
 *         description: Success
 */

```

1. เปิดไฟล์ server.js
2. Copy -> Paste
3. Save

