

## Python-Flask – Swagger Editor (https://editor.swagger.io)

The screenshot shows the Swagger Editor interface for an API named "E-commerce API" (version 1.0.0, OAS 2.0). The base URL is set to "127.0.0.1:5000". The API is for an e-commerce system. The "Schemes" dropdown is set to "HTTP". The "default" section lists the following endpoints:

- POST** `/login` Log in
- POST** `/logout` Log out
- GET** `/api/products` Get a list of products
- GET** `/api/products/{product_id}` Get product details by ID
- GET** `/api/products/search` Search for products
- POST** `/api/products/add` Add a new product
- PUT** `/api/products/update/{product_id}` Update a product by ID
- DELETE** `/api/products/delete/{product_id}` Delete a product by ID
- POST** `/api/cart/add/{product_id}` Add item to the cart
- DELETE** `/api/cart/remove/{item_id}` Remove item from the cart

The screenshot shows the Swagger Editor interface with the "GET /api/products" endpoint selected. The "Parameters" section is empty, indicating no parameters are defined for this endpoint. The "Responses" section shows the "Response content type" set to "application/json". The "Curl" section displays the following command:

```
curl -X 'GET' \
  "http://127.0.0.1:5000/api/products" \
  -H 'accept: application/json'
```

The "Request URL" section shows the URL `http://127.0.0.1:5000/api/products`. The "Server response" section is currently empty, showing only the "Code" and "Details" tabs. The "Response body" section is also empty, showing only the "Code" and "Details" tabs. The bottom of the interface shows a video player with a progress bar at 40:21.

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Responses Response content type application/json

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:5000/api/products' \
  -H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:5000/api/products
```

Server response

Code Details

200

Response body

```
{
  "description": "Teste",
  "id": 1,
  "name": "Ar condicionado",
  "price": 12000
}
```

Response headers

```
content-length: 104
content-type: application/json
```

Responses

Code	Description
200	Returns a list of products

Example Value | Model

```
{
  "id": 1,
  "name": "string",
  "price": 1,
  "description": "string"
}
```

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GET /api/products Get a list of products

Parameters Cancel

No parameters

Execute Clear

Responses Response content type application/json

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:5000/api/products' \
  -H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:5000/api/products
```

Server response

Code Details

200

Response body

```
{
  "description": "12000 BTU",
  "id": 1,
  "name": "Ar condicionado",
  "price": 2455
}
```

Response headers

```
content-length: 108
content-type: application/json
```

Responses

Code	Description
200	Returns a list of products

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POST /logout Log out

GET /api/products Get a list of products

GET /api/products/{product\_id} Get product details by ID

GET /api/products/search Search for products

POST /api/products/add Add a new product

PUT /api/products/update/{product\_id} Update a product by ID

Parameters

Try it out

Name	Description
product_id • required	Product ID to update
integer (path)	product_id
body • required	
object (body)	

Example Value | Model

```
{  "id": 0,  "name": "string",  "price": 0,  "description": "string"}
```

Parameter content type

application/json

Responses

Response content type application/json

-37:28

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POST /logout Log out

GET /api/products Get a list of products

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PUT /api/products/update/{product\_id} Update a product by ID

DELETE /api/products/delete/{product\_id} Delete a product by ID

Parameters

Try it out

Name	Description
product_id • required	Product ID to delete
integer (path)	product_id

Responses

Response content type application/json

Code	Description
200	Product deleted successfully
404	Not Found. Product not available

POST /api/cart/add/{product\_id} Add item to the cart

-37:20

