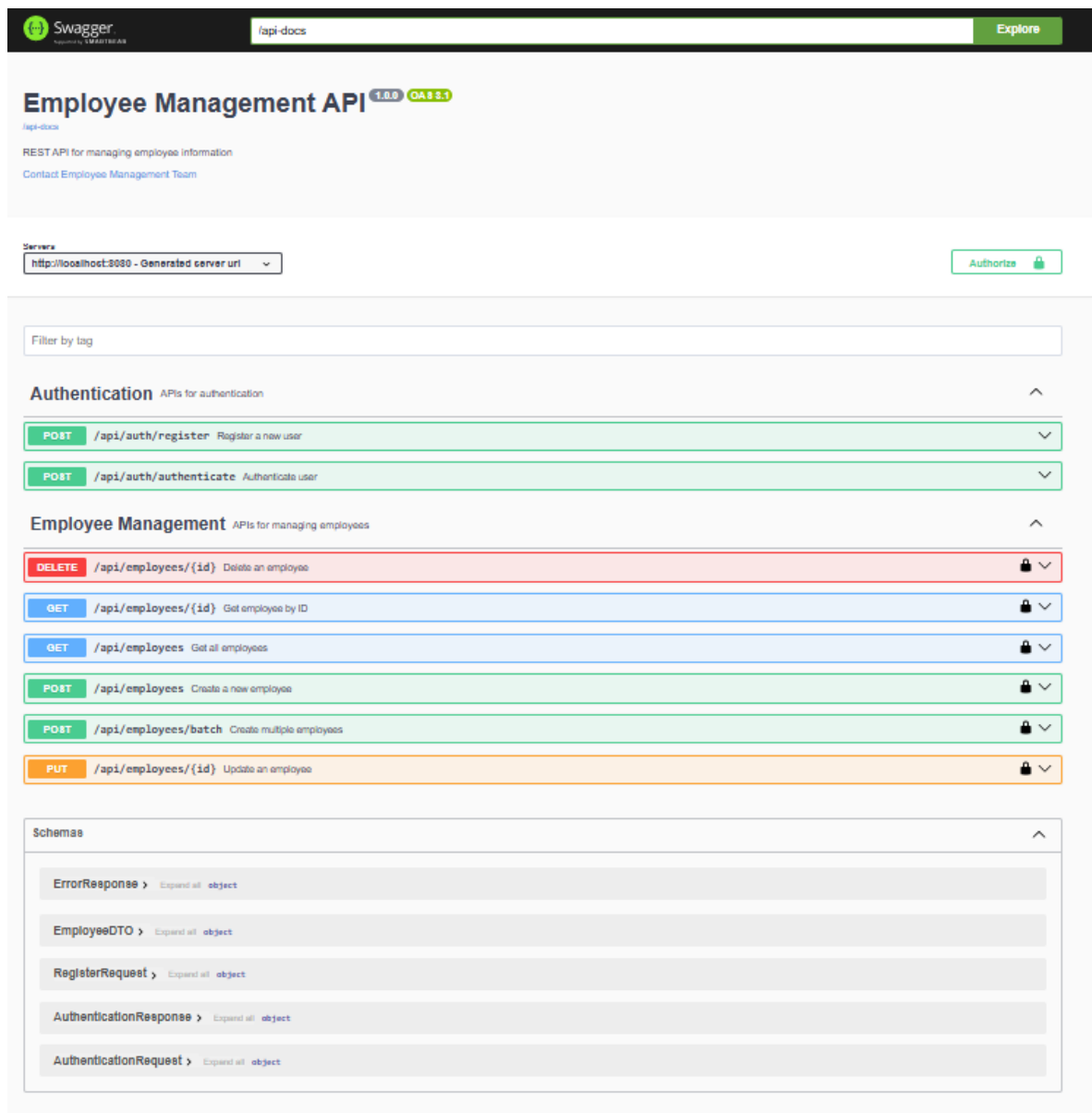


API Empleados:

Repositorio: <https://github.com/trujillodevelop/employee-management>



The image shows the Swagger UI for the Employee Management API. At the top, there's a Swagger logo and a search bar. Below that, the API title "Employee Management API" is displayed with version "1.0.0" and a "GA" (General Availability) tag. The description states it's a "REST API for managing employee information" and provides a link to "Contact Employee Management Team".

Under the "Servers" section, the default server is "http://localhost:8080 - Generated server url". An "Authorize" button is present.

The main content area is divided into two sections: "Authentication" and "Employee Management".

**Authentication** (APIs for authentication):

- POST** `/api/auth/register`: Register a new user.
- POST** `/api/auth/authenticate`: Authenticate user.

**Employee Management** (APIs for managing employees):

- DELETE** `/api/employees/{id}`: Delete an employee.
- GET** `/api/employees/{id}`: Get employee by ID.
- GET** `/api/employees`: Get all employees.
- POST** `/api/employees`: Create a new employee.
- POST** `/api/employees/batch`: Create multiple employees.
- PUT** `/api/employees/{id}`: Update an employee.

At the bottom, there's a "Schemas" section listing several data models:

- ErrorResponse**: Expanded all, object.
- EmployeeDTO**: Expanded all, object.
- RegisterRequest**: Expanded all, object.
- AuthenticationResponse**: Expanded all, object.
- AuthenticationRequest**: Expanded all, object.

Autenticación (Crear usuario), cuando creas el usuario ya te genera el token JWT, el cual utilizaremos para consumir las demás APIs:



POST

/api/auth/authenticate

Authenticate user

Authenticates a user and returns a JWT token

Parameters

Cancel

Reset

No parameters

Request body

required

application/json

```
{
  "email": "test@test.com",
  "password": "test"
}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/api/auth/authenticate' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "email": "test@test.com",
    "password": "test"
  }'
```

Request URL

http://localhost:8080/api/auth/authenticate

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXLTJ0IiwiaWF0IjoxNjE2MzQ1MjQ1LCJ1eHAiOiJlbnR5bG9ja3R5bGUuXj09IjBz42RvIY-51ZUDFN_C1_IcYT-vtvjG8yb3JjQs" }</pre></div><div><div></div><div>Download</div></div></div>

Si se tiene un usuario se usa la api authenticate, que te regresa el token JWT:



POST /api/employees Create a new employee

Creates a new employee record

Parameters

Cancel

No parameters

Request body required

application/json

```
{  "id": 1,  "firstName": "Juan",  "middleName": "Carlos",  "paternalLastName": "Pérez",  "maternalLastName": "García",  "age": 30,  "gender": "MALE",  "birthDate": "05-04-1988",  "position": "Software Developer"}
```

ExecuteClear

Responses

Curl

```
curl -X 'POST' \  'http://localhost:8080/api/employees' \  -H 'accept: */*' \  -H 'Content-Type: application/json' \  -d '{  "id": 1,  "firstName": "Juan",  "middleName": "Carlos",  "paternalLastName": "Pérez",  "maternalLastName": "García",  "age": 30,  "gender": "MALE",  "birthDate": "05-04-1988",  "position": "Software Developer"  }'
```

Request URL

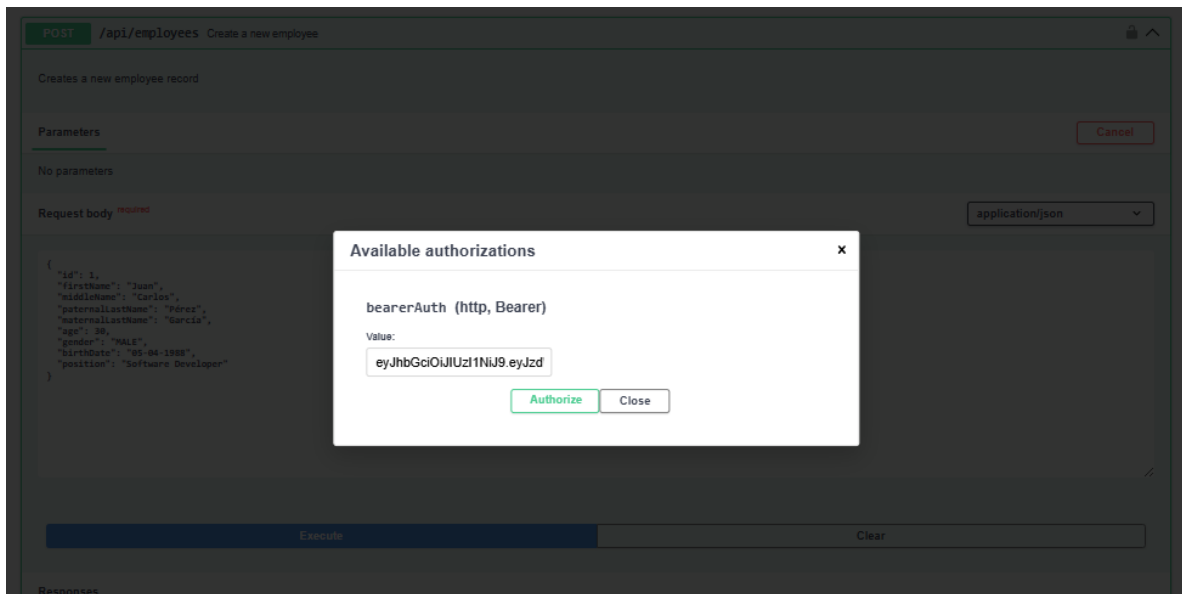
http://localhost:8080/api/employees

Server response

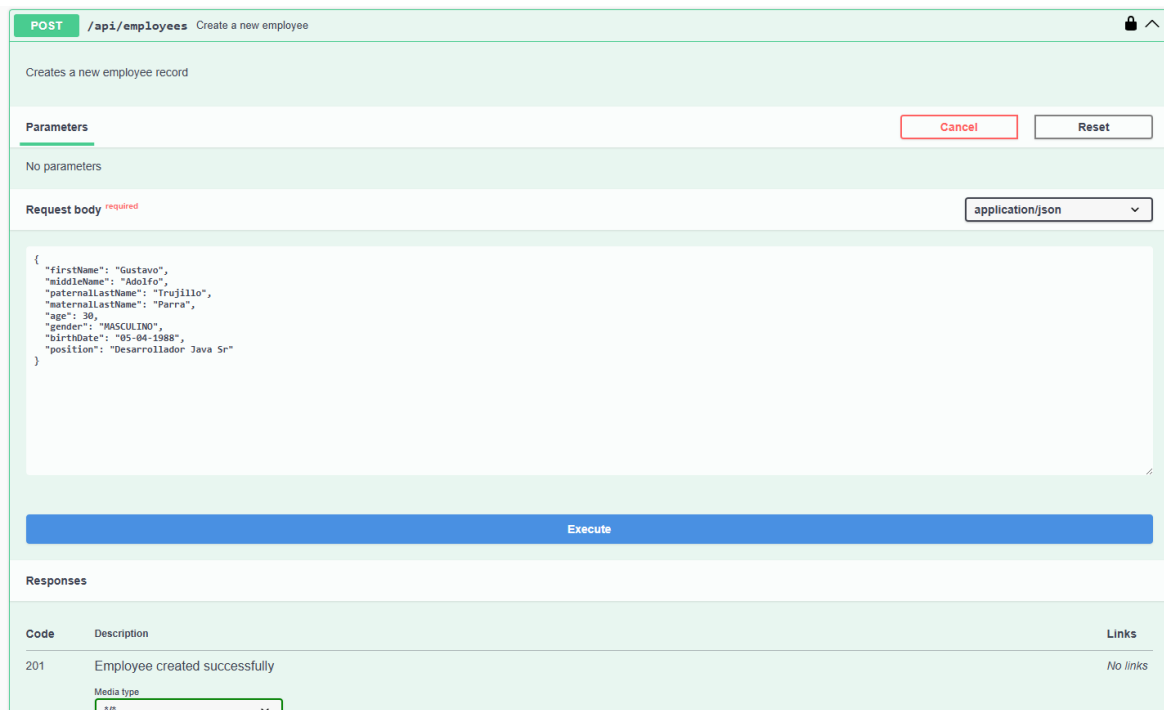
Code	Details
403	Error: response status is 403 <div><div>Response headers</div><pre>cache-control: no-cache,no-store,max-age=0,must-revalidate  connection: keep-alive  content-length: 0  date: Mon,19 May 2025 06:09:46 GMT  expires: 0  keep-alive: timeout=60  pragma: no-cache  x-content-type-options: nosniff  x-frame-options: DENY  x-xss-protection: 0</pre></div>

Responses

Agregando el token JWT:



Crear empleado:



Multiples empleados:

POST

/api/employees/batch

Create multiple employees

Creates multiple employee records in a single request

Parameters

No parameters

Cancel

Reset

Request body

required

application/json

```
{
  "maternalLastName": "Perez",
  "age": 50,
  "gender": "MASCULINO",
  "birthDate": "05-04-1958",
  "position": "Desarrollador PHP Sr"
},
{
  "firstName": "Guadalupe",
  "middleName": "",
  "paternalLastName": "Lopez",
  "maternalLastName": "Pardo",
  "age": 37,
  "gender": "FEMENINO",
  "birthDate": "05-04-1988",
  "position": "Manager"
}
]
```

Execute

Clear

Responses

Responses

Curl

```
-H 'accept: */* ' \
-H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cGU6IjY9IiwiaWF0IjoxNDUzQ2YzLjE1eHA0IjE3NDc3MzI5NjM0OnBhY2t3ar1SEPFgHyZdd19Kfvs1AB2yYCa-gfEbZi' \
-H 'Content-type: application/json' \
-d {
  {
    "firstName": "Jose",
    "middleName": "Juan",
    "paternalLastName": "Macias",
    "maternalLastName": "Perez",
    "age": 50,
    "gender": "MASCULINO",
    "birthDate": "05-04-1958",
    "position": "Desarrollador PHP Sr"
  },
  {
    "firstName": "Guadalupe",
    "middleName": "",
    "paternalLastName": "Lopez",
    "maternalLastName": "Pardo",
    "age": 37,
    "gender": "FEMENINO",
    "birthDate": "05-04-1988",
    "position": "Manager"
  }
}
```

Request URL

http://localhost:8080/api/employees/batch

Server response

Code

Details

201

Response body

```
{
  "id": 1,
  "firstName": "Jose",
  "middleName": "Juan",
  "paternalLastName": "Macias",
  "maternalLastName": "Perez",
  "age": 50,
  "gender": "MASCULINO",
  "birthDate": "05-04-1958",
  "position": "Desarrollador PHP Sr"
},
{
  "id": 2,
  "firstName": "Guadalupe",
  "middleName": "",
  "paternalLastName": "Lopez",
  "maternalLastName": "Pardo",
  "age": 37,
  "gender": "FEMENINO",
  "birthDate": "05-04-1988",
  "position": "Manager"
}
```

Buscar empleado por ID





Actualizar un empleado:

Vemos los datos actuales:

GET /api/employees/{id} Get employee by ID

Retrieves an employee by their ID

Parameters

Name	Description
id <small>* required</small>	
integer(\$int64)	2
(path)	

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/api/employees/2' \
  -H 'accept: */*' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpzZW50b3RhdGEiLCJ1aW4iOiJodHRzQWJjZm9udCJleHAlOjE3M0MzI5NjE5Lm90b3YsI3R1c2R1d19kFvsIA02yYCa- gFEB2I'
```

Request URL

```
http://localhost:8080/api/employees/2
```

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{   "id": 2,   "firstName": "Guadalupe",   "middleName": "",   "paternalLastName": "Lopez",   "maternalLastName": "Pardo",   "age": 37,   "gender": "FEMENINO",   "birthDate": "05-04-1988",   "position": "Manager" }</pre></div><div><div>Download</div></div></div>

PUT

/api/employees/{id} Update an employee

Updates any data of an existing employee

Parameters

Cancel

Reset

Name	Description
<b>id</b> * <i>required</i>	
integer(int64)	<input type="text" value="2"/>
(path)	

Request body *required*

application/json

```
{
  "firstName": "Guadalupe",
  "paternalLastName": "Lopez",
  "gender": "FEMENINO",
  "age": 50,
  "birthDate": "95-04-1968",
  "position": "Scrum Master"
}
```

Execute

Clear

Responses

Curl

```
curl -X 'PUT' \
  'http://localhost:8080/api/employees/2' \
  -H 'accept: */*' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXZWQ6MjUzSj95OmR5STZar1SEFFgHy26d19kfva5M2yVCo-gfEh2I' \
  -H 'Content-Type: application/json' \
  -d '{
    "firstName": "Guadalupe",
    "paternalLastName": "Lopez",
    "gender": "FEMENINO",
    "age": 50,
    "birthDate": "95-04-1968",
    "position": "Scrum Master"
  }'
```

Request URL

http://localhost:8080/api/employees/2

Server response

Code	Details
200	<div>Response body</div> <pre>{   "id": 2,   "firstName": "Guadalupe",   "middleName": null,   "paternalLastName": "Lopez",   "maternalLastName": null,   "age": 50,   "gender": "FEMENINO",   "birthDate": "95-04-1968",   "position": "Scrum Master" }</pre> <div> Download</div>

Eliminar empleado:

