


Pruebas de Swagger

 Swagger
by SMARTBEAN

API_Deportistas 1.0.0 OAS3

Servers

http://localhost:3000/api

Users

API Gestion Deportistas

POST

/users

Agregar nuevo deportista

GET

/api/users

Obtener todos los deportistas

GET

/api/users/{id}

Obtiene un deportista por su ID

PUT

/api/users/{id}

Actualizar deportista existente

DELETE

/api/users/{id}

Eliminar deportista existente

POST

/users

Agregar nuevo deportista

Parameters

No parameters

Request body

application/json

```
{
  "nombre": "Veronica",
  "apellidos": "sanchez rodriguez",
  "edad": 29,
  "celular": 3145763456,
  "deporte": "futbol",
  "genero": "binario"
}
```

Execute

Responses

Code	Description	Links
200	Deportista agregado exitosamente	No links
400	Los campos nombre, apellidos, edad, celular, deporte y genero son requeridos	No links

GET

/users

Obtener todos los deportistas

Parameters

Cancel

No parameters

Execute

Clear

Responses

Curl

curl -X 'GET' \n'http://localhost:3000/api/users' \n-H 'accept: application/json'

Request URL

http://localhost:3000/api/users

Server response

Code

Details

200

Response body

```
{
  "id": "644c6abbf4af78159cf14c43",
  "nombre": "wesley",
  "apellidos": "Vaneegas",
  "edad": 20,
  "celular": 3122672343,
  "deporte": "voleibol",
  "genero": "masculino",
  "createdAt": "2023-04-29T00:54:19.618Z",
  "updatedAt": "2023-04-29T00:54:19.618Z",
  "__v": 0
},
  "id": "644c6b13bbfdebf8c09c803d",
  "nombre": "Vullist",
  "apellidos": "Vaneegas",
  "edad": 25,
  "celular": 3114763687,
  "deporte": "Futbol",
  "genero": "Binario",
  "createdAt": "2023-04-29T00:55:47.641Z",
  "updatedAt": "2023-04-29T00:55:47.641Z",
  "__v": 0
}

```

Download

Response headers

content-length: 465
content-type: application/json; charset=utf-8
date: Sat, 29 Apr 2023 00:59:11 GMT
etag: W/"1d1-V07iQkq/z5v0TgGdEaninKmw"
x-powered-by: Express

Code

Description

Links

200

Lista de todos los deportistas

No links

Media type

application/json

Controls Accept header

Example Value | Schema

```
{
  "nombre": "Veronica",
  "apellidos": "sanchez rodriguez",
  "edad": 25,
  "celular": 3145763456,
  "deporte": "Futbol",
  "genero": "binario"
}

```

GET /users/{id} Obtiene un deportista por su ID

Parameters

Cancel

Name	Description
id <small>required</small> string (path)	ID del deportista a consultar

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:3000/api/users/644c6abbf4af70190cf14c43' \
-H 'accept: application/json'
```

Request URL

```
http://localhost:3000/api/users/644c6abbf4af70190cf14c43
```

Server response

Code

Details

200

Response body

```
{
  "id": "644c6abbf4af70190cf14c43",
  "nombre": "wesley",
  "apellidos": "Varegas",
  "edad": 20,
  "celular": 3122672343,
  "deporte": "volibol",
  "genero": "masculino",
  "createdAt": "2023-04-29T00:54:19.618Z",
  "updatedAt": "2023-04-29T00:54:19.618Z",
  "__v": 0
}
```

Response headers

```
connection: keep-alive
content-length: 233
content-type: application/json; charset=utf-8
date: Sat, 29 Apr 2023 01:01:07 GMT
etag: W/"e9-A1UDVCS8KnfZ1skzYg0h6k90tc"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Code	Description	Links
200	Deportista encontrado exitosamente	No links

Media type

application/json

Controls Accept header

Example Value | Schema

```
{
  "nombre": "Veronica",
  "apellidos": "sanchez rodriguez",
  "edad": 25,
  "celular": 3145763456,
  "deporte": "futbol",
  "genero": "binario"
}
```

404

El deportista con el ID especifico no fue encontrado

No links

PUT

/users/{id} Actualizar deportista existente

Parameters

Cancel

Reset

Name	Description
id required	ID del deportista a actualizar
string (path)	<div>644c6b13bbfdeb0c09c803d</div>

Request body required

application/json

```
{
  "nombre": "Veronica",
  "apellidos": "Arteaga Vanegas",
  "edad": 25,
  "celular": 3145763456,
  "deporte": "Basketbol",
  "genero": "Femenino"
}
```

Execute

Clear

Responses

Curl

```
curl -X 'PUT' \
'http://localhost:3000/api/users/644c6b13bbfdeb0c09c803d' \
-H 'accept: */*' \
-H 'Content-Type: application/json' \
-d '{
  "nombre": "Veronica",
  "apellidos": "Arteaga Vanegas",
  "edad": 25,
  "celular": 3145763456,
  "deporte": "Basketbol",
  "genero": "Femenino"
}'
```

Request URL

```
http://localhost:3000/api/users/644c6b13bbfdeb0c09c803d
```

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "body": { "_id": "644c6b13bbfdeb0c09c803d", "nombre": "Veronica", "apellidos": "Arteaga Vanegas", "edad": 25, "celular": 3145763456, "deporte": "Basketbol", "genero": "Femenino", "createdAt": "2023-04-29T00:55:47.641Z", "updatedAt": "2023-04-29T01:05:40.658Z", "__v": 0 }, "msg": "Registro guardado correctamente.", "ok": "SI" }</pre></div><div><div>Download</div></div></div> <div><div>Response headers</div><div><pre>connection: keep-alive content-length: 302 content-type: application/json; charset=utf-8 date: Sat, 29 Apr 2023 01:05:40 GMT etag: W/"12e-Dgx1B/VUehW9Ld2hw/qP2I.movzw" keep-alive: timeout=5 x-powered-by: Express</pre></div></div>
404	<div>El deportista con el id especificado no fue editado</div> <div>No links</div>

Responses

Code	Description	Links
200	Deportista actualizado exitosamente	No links
404	El deportista con el id especificado no fue editado	No links

DELETE

/users/{id}

Eliminar deportista existente

Parameters

Cancel

Name	Description
id <small>* required</small>	ID del deportista a eliminar
string (path)	<div>644c497f82de469531b4e849</div>

Request body required

application/json

```
{
  "nombre": "Veronica",
  "apellidos": "sanchez rodriguez",
  "edad": 25,
  "celular": 3145763456,
  "deporte": "futbol",
  "genero": "binario"
}
```

Execute

Clear

Responses

Curl

```
curl -X 'DELETE' \
'http://localhost:3000/api/users/644c497f82de469531b4e849' \
-H 'accept: */*' \
-H 'Content-Type: application/json' \
-d '{
  "nombre": "Veronica",
  "apellidos": "sanchez rodriguez",
  "edad": 25,
  "celular": 3145763456,
  "deporte": "futbol",
  "genero": "binario"
}'
```

Request URL

```
http://localhost:3000/api/users/644c497f82de469531b4e849
```

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "msg": "Registro eliminado correctamente.", "ok": "SI" }</pre></div><div><div>Response headers</div><div><pre>connection: keep-alive content-length: 53 content-type: application/json; charset=utf-8 date: Sat, 29 Apr 2023 00:57:23 GMT etag: W/"35-R+7F+Cfp3PzYkgfImydkIapDgbe4" keep-alive: timeout=5 x-powered-by: Express</pre></div></div></div>

Pruebas de cliente

The screenshot shows a REST client interface with a sidebar on the left containing a 'Collections' tab and a list of requests. The main area displays a POST request to `localhost:3001/api/users/` with a 'Send' button. The 'Body' tab is selected, showing a JSON object. The 'Response' tab on the right shows the server's response, which is a 200 OK status with a JSON body. The terminal at the bottom shows the command prompt and the response of the `node` command.

```
POST localhost:3001/api/users/ Send

Query Headers Auth Body Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content Format

1 {
2   "nombre": "Yuliet",
3   "apellidos": "Vanegas",
4   "edad": 25,
5   "celular": 3114763687,
6   "deporte": "Futbol",
7   "genero": "Binario"
8 }
```

```
1 {
2   "body": {
3     "nombre": "Yuliet",
4     "apellidos": "Vanegas",
5     "edad": 25,
6     "celular": 3114763687,
7     "deporte": "Futbol",
8     "genero": "Binario",
9     "_id": "644c6982bbfddedb0c09c8030",
10    "createdAt": "2023-04-29T00:49:06.301Z",
11    "updatedAt": "2023-04-29T00:49:06.301Z",
12    "__v": 0
13  },
14  "ok": "SI",
```

```
> api-node@1.0.0 dev
> nodemon index.js

[nodemon] 2.0.22
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node index.js`
Api escuchando en 3001
Conexión establecida con la base de datos: mongodb+srv://WesVanegas:eM90wVuqFnqqpEjs@cluster0.62yhcx1.mongodb.net/?retryWrites=true&w=majority
Activar Windows
```

The screenshot shows a REST client interface with a sidebar on the left containing a 'Collections' tab and a list of requests. The main area displays a GET request to `localhost:3001/api/users/` with a 'Send' button. The 'Query Parameters' tab is selected, showing a table with 'parameter' and 'value' columns. The 'Response' tab on the right shows the server's response, which is a 200 OK status with a JSON array. The terminal at the bottom shows the command prompt and the response of the `node` command.

```
GET localhost:3001/api/users/ Send

Query Headers Auth Body Tests Pre Run

Query Parameters

parameter value

1 [
2   {
3     "_id": "644c497d82de469531b4e846",
4     "nombre": "daniela",
5     "apellidos": "Sanchez",
6     "edad": 25,
7     "celular": 3148046799,
8     "deporte": "futbol",
9     "genero": "binario",
10    "createdAt": "2023-04-28T22:32:29.849Z",
11    "updatedAt": "2023-04-28T22:32:29.849Z",
12    "__v": 0
13  },
14  ]
```

```
> api-node@1.0.0 dev
> nodemon index.js

[nodemon] 2.0.22
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
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[nodemon] starting `node index.js`
Api escuchando en 3001
Conexión establecida con la base de datos: mongodb+srv://WesVanegas:eM90wVuqFnqqpEjs@cluster0.62yhcx1.mongodb.net/?retryWrites=true&w=majority
Activar Windows
Ve a Configuración para activar Windows.
```

New Request

ActivityCollectionsEnv

filter collections

PruebasDeBD

Deportistas

POST PostDeportista5 hours ago

GET GetDeportistas5 hours ago

PUT PutDeportista just now

GET GetDeportista just now

DELETE DeleteDeportista4 hours ago

PUTlocalhost:3001/api/users/644c6982bbfdeb0c09c8030Send

QueryHeadersAuthBodyTestsPre Run

JSONXMLTextFormForm-encodeGraphQLBinary

JSON ContentFormat

1 {
2 "nombre": "Daniela",
3 "apellidos": "Vanegas",
4 "edad": 25,
5 "celular": 3114763687,
6 "deporte": "Futbol",
7 "genero": "Binario"
8 }

PROBLEMSOUTPUTDEBUG CONSOLETERMINAL

200 OKSize: 290 BytesTime: 237 ms

ResponseHeadersCookiesResultsDocs

1 {
2 "body": {
3 "_id": "644c6982bbfdeb0c09c8030",
4 "nombre": "Daniela",
5 "apellidos": "Vanegas",
6 "edad": 25,
7 "celular": 3114763687,
8 "deporte": "Futbol",
9 "genero": "Binario",
10 "createdAt": "2023-04-29T00:49:06.301Z",
11 "updatedAt": "2023-04-29T00:50:43.539Z",
12 "_v": 0
13 },
14 "msg": "Registro guardado correctamente."

node + - [] ... ^ x

Activar Windows
Ve a Configuración para activar Windows.

New Request

ActivityCollectionsEnv

filter collections

PruebasDeBD

Deportistas

POST PostDeportista5 hours ago

GET GetDeportistas5 hours ago

PUT PutDeportista4 hours ago

GET GetDeportista just now

DELETE DeleteDeportista4 hours ago

GETlocalhost:3001/api/users/644c6982bbfdeb0c09c8030Send

QueryHeadersAuthBodyTestsPre Run

Query Parameters

parametervalue

PROBLEMSOUTPUTDEBUG CONSOLETERMINAL

200 OKSize: 229 BytesTime: 104 ms

ResponseHeadersCookiesResultsDocs

1 {
2 "_id": "644c6982bbfdeb0c09c8030",
3 "nombre": "Yuliet",
4 "apellidos": "Vanegas",
5 "edad": 25,
6 "celular": 3114763687,
7 "deporte": "Futbol",
8 "genero": "Binario",
9 "createdAt": "2023-04-29T00:49:06.301Z",
10 "updatedAt": "2023-04-29T00:49:06.301Z",
11 "_v": 0
12 }

node + - [] ... ^ x

> api-node@1.0.0 dev
> nodemon index.js

[nodemon] 2.0.22
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node index.js`
Api escuchando en 3001
Conexión establecida con la base de datos: mongodb+srv://MesVanegas:eM90wVuqFnqppEjs@cluster0.62yhcx1.mongodb.net/?retryWrites=true&w=majority

Activar Windows
Ve a Configuración para activar Windows.

Interface de desarrollo de API (Postman) mostrando una solicitud DELETE a `localhost:3001/api/users/644c497d82de469531b4e846`. El estado es **200 OK**, el tamaño es **53 Bytes** y el tiempo es **248 ms**. La respuesta es:

```
{
  "msg": "Registro eliminado correctamente.",
  "ok": "SI"
}
```

En la sección de Query Parameters, se muestra un objeto de usuario:

```
{
  _id: new ObjectId("644c497d82de469531b4e846"),
  nombre: 'daniela',
  apellidos: 'sanchez',
  edad: 25,
  celular: 3148046799,
  deporte: 'futbol',
  genero: 'binario',
  createdAt: 2023-04-28T22:32:29.849Z,
  updatedAt: 2023-04-28T22:32:29.849Z,
  __v: 0
}
```

Prueba de integración con Jest y Supertest

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
'This usually means that there are asynchronous operations that weren't stopped in your tests. Consider running Jest with `--detectOpenHandles` to troubleshoot this issue.'
PS C:\Users\Wes Vanegas\Desktop\TdeA\Semestre V\Pruebas de software\api-node_0_2> jest integration.spec.js
 console.log
  Api escuchando en 3001

    at Server.log (index.js:43:11)

 console.log
  Conexión establecida con la base de datos: mongodb+srv://WesVanegas:eM90wVuqFnqqpEjS@cluster0.62yhcx1.mongodb.net/?retryWrites=true&w=majority

    at log (config/db.js:23:13)

 PASS  test/integration.spec.js (15.776 s)
  Get /api/users
    ✓ Deberias obtener todos los usuarios (2722 ms)

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:  0 total
Time:        16.175 s, estimated 32 s
Ran all test suites matching /integration.spec.js/i.
Jest did not exit one second after the test run has completed.

'This usually means that there are asynchronous operations that weren't stopped in your tests. Consider running Jest with `--detectOpenHandles` to troubleshoot this issue.'
```