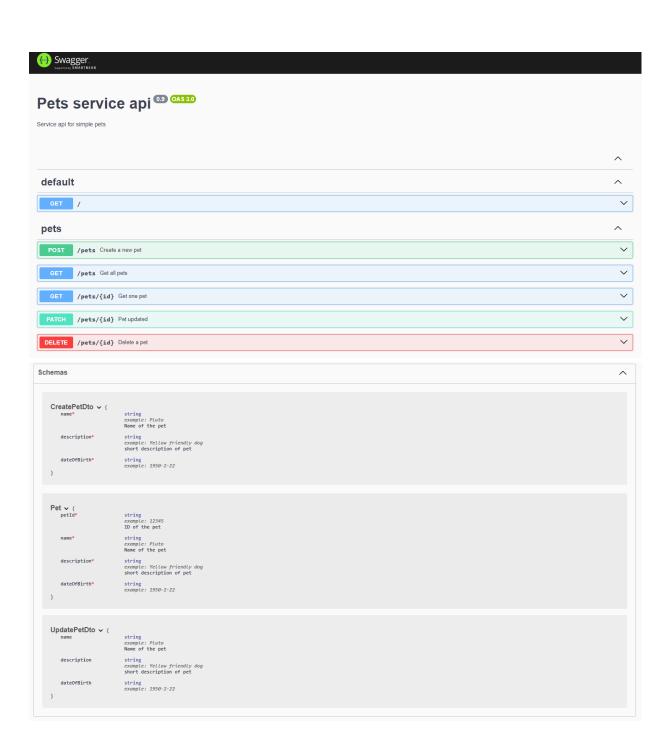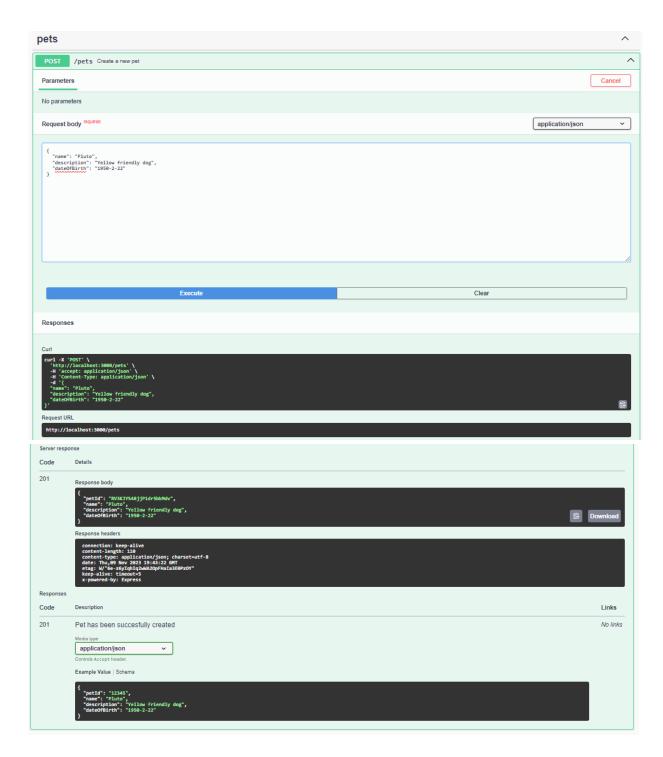# Pets service v2b using Nestjs (CRUD example) student version

CRUD api to handle pets

grade 5, all required features implemented

sourcecode can be found on github

https://github.com/jannetolppanen/pets_service

Swagger
Supported by SMARTBEAR

Pets service api 0.9 OAS 3.0

Service api for simple pets

default

| GET | / | ∨ |

pets

POST	/pets	Create a new pet	∨
GET	/pets	Get all pets	∨
GET	/pets/{id}	Get one pet	∨
PATCH	/pets/{id}	Pet updated	∨
DELETE	/pets/{id}	Delete a pet	∨

Schemas

CreatePetDto ∨ {
        name*   string
                       example: Pluto
                       Name of the pet
        description*   string
                       example: Yellow friendly dog
                       short description of pet
        dateOfBirth*   string
                       example: 1950-2-22
}

Pet ∨ {
        petId*   string
                       example: 12345
                       ID of the pet
        name*   string
                       example: Pluto
                       Name of the pet
        description*   string
                       example: Yellow friendly dog
                       short description of pet
        dateOfBirth*   string
                       example: 1950-2-22
}

UpdatePetDto ∨ {
        name   string
                       example: Pluto
                       Name of the pet
        description   string
                       example: Yellow friendly dog
                       short description of pet
        dateOfBirth   string
                       example: 1950-2-22
}

pets ⌃

POST /pets Create a new pet ⌃

Parameters   Cancel

No parameters

Request body ^{required}   application/json ⌄

```
{
  "name": "Pluto",
  "description": "Yellow friendly dog",
  "dateOfBirth": "1950-2-22"
}
```

Execute	Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:3000/pets' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
  "name": "Pluto",
  "description": "Yellow friendly dog",
  "dateOfBirth": "1950-2-22"
}'
```

Request URL

```
http://localhost:3000/pets
```

Server response

Code	Details
201	**Response body**

```
{
  "petId": "RV3K3YS48jjP1drSbkMdv",
  "name": "Pluto",
  "description": "Yellow friendly dog",
  "dateOfBirth": "1950-2-22"
}
```
Download

Response headers

```
connection: keep-alive
content-length: 110
content-type: application/json; charset=utf-8
date: Thu,09 Nov 2023 19:43:22 GMT
etag: W/"6e-z6yIqhIq2wWA2OpFHaIa3E0PzOY"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Code	Description	Links
201	Pet has been succesfully created	*No links*

Media type

application/json ⌄

Controls Accept header.

Example Value | Schema

```
{
  "petId": "12345",
  "name": "Pluto",
  "description": "Yellow friendly dog",
  "dateOfBirth": "1950-2-22"
}
```

Parameters Cancel

No parameters

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:3000/pets' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:3000/pets
```

Server response

Code	Details
200	**Response body**

```
[
  {
    "petId": "1",
    "name": "Pekko",
    "description": "Musta koiro",
    "dateOfBirth": "1986-09-01"
  },
  {
    "petId": "2",
    "name": "Tino",
    "description": "Keltainen jänes",
    "dateOfBirth": "1991-12-24"
  },
  {
    "petId": "RV3KJYS48jjP1dr5bkMdv",
    "name": "Pluto",
    "description": "Yellow friendly dog",
    "dateOfBirth": "1950-2-22"
  }
]
```

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Response headers

```
connection: keep-alive
content-length: 284
content-type: application/json; charset=utf-8
date: Thu,09 Nov 2023 19:45:25 GMT
etag: W/"11c-/UWiTx2csKC+8M3OLLy5oCaHW9A"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Server response

Code	Details
200	**Response body**

```
[
  {
    "petId": "1",
    "name": "Pekko",
    "description": "Musta koiro",
    "dateOfBirth": "1986-09-01"
  },
  {
    "petId": "2",
    "name": "Tino",
    "description": "Keltainen jänes",
    "dateOfBirth": "1991-12-24"
  },
  {
    "petId": "RV3KJYS48jjP1dr5bkMdv",
    "name": "Pluto",
    "description": "Yellow friendly dog",
    "dateOfBirth": "1950-2-22"
  }
]
```

Download

Response headers

```
connection: keep-alive
content-length: 284
content-type: application/json; charset=utf-8
date: Thu,09 Nov 2023 19:45:25 GMT
etag: W/"11c-/UWiTx2csKC+8M3OLLy5oCaHW9A"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Code	Description	Links
200	OK	No links

GET /pets/{id} Get one pet ⌃

Parameters

Cancel

Name	Description
id * required string *(path)*	1

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:3000/pets/1' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:3000/pets/1
```

Server response

Code	Details

200	Response body
	``{
	  "petId": "1",
	  "name": "Pekko",
	  "description": "Musta koiro",
	  "dateOfBirth": "1986-09-01"
	}```
	
	Download
	
	Response headers
	``content-length: 83
	content-type: application/json; charset=utf-8
	date: Thu,09 Nov 2023 19:47:19 GMT
	etag: W/"53-czSH+/0tYr4GbDcP11TW7BFtV/s"
	x-powered-by: Express```

Responses

Code	Description	Links
200	OK	No links
404	Matching ID not found	No links

PATCH /pets/{id} Pet updated ⌃

Parameters

Cancel   Reset

Name	Description
id * required string *(path)*	1

Request body required   application/json ⌄

```
{
  "description": "dog"
}
```

Execute	Clear

Responses

Responses

Curl

```
curl -X 'PATCH' \
  'http://localhost:3000/pets/1' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "description": "dog"
}'
```

Request URL

```
http://localhost:3000/pets/1
```

Server response

Code	Details
400 *Undocumented*	Error: Bad Request

Response body

```
{
  "message": [
    "description must be longer than or equal to 10 characters"
  ],
  "error": "Bad Request",
  "statusCode": 400
}
```

Response headers

```
connection: keep-alive
content-length: 112
content-type: application/json; charset=utf-8
date: Thu,09 Nov 2023 19:52:01 GMT
etag: W/"70-DtAmrnTZTabuT+xs1oEOVEahyVc"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Code	Description
200	OK
404	Matching ID not found

PATCH /pets/{id} Pet updated   ^

Parameters   [Cancel] [Reset]

Name	Description
id * required string (path)	`1`

Request body required   application/json ▼

```
{
  "description": "dog and over 10 letters"
}
```

Execute	Clear

Responses

Responses

Curl

```
curl -X 'PATCH' \
  'http://localhost:3000/pets/1' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
  "description": "dog and over 10 letters"
}'
```

Request URL

```
http://localhost:3000/pets/1
```

Server response

Code	Details
200	Response body

```
{
  "petId": "1",
  "name": "Pekko",
  "description": "dog and over 10 letters",
  "dateOfBirth": "1986-09-01"
}
```

Download

Response headers

```
connection: keep-alive
content-length: 95
content-type: application/json; charset=utf-8
date: Thu,09 Nov 2023 19:52:47 GMT
etag: W/"5f-Nz5joO8+Czhzap/vbpuoorpme0M"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Code	Description
200	OK
404	Matching ID not found

DELETE **/pets/{id}** Delete a pet   ⌃

Parameters   Cancel

Name	Description
id * required string *(path)*	`3`

Execute	Clear

Responses

Curl
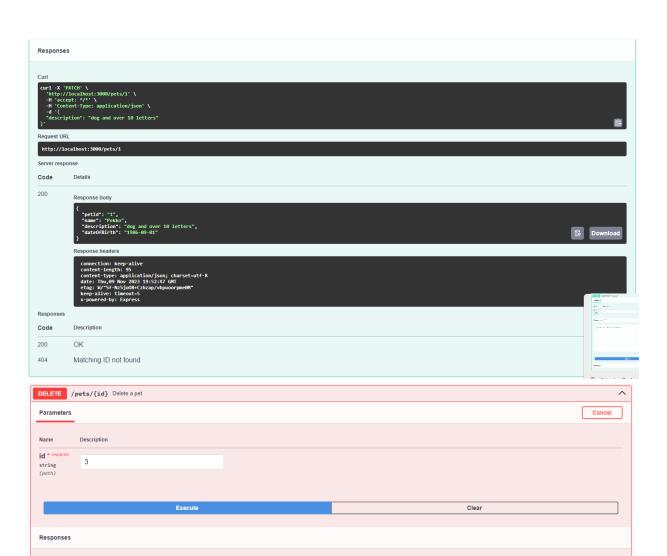
```
curl -X 'DELETE' \
  'http://localhost:3000/pets/3' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:3000/pets/3
```

Server response

Code	Details
404	Error: Not Found

Response body

```
{
    "message": "Could not find matching id",
    "error": "Not Found",
    "statusCode": 404
}
```

Response headers

```
connection: keep-alive
content-length: 77
content-type: application/json; charset=utf-8
date: Thu,09 Nov 2023 19:53:20 GMT
etag: W/"4d-ktLFxKC9+4ChXjqvoEnAKxK06XU"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Code	Description	Links
200	OK	*No links*
404	Matching ID not found	*No links*

DELETE `/pets/{id}` Delete a pet   ⌃

Parameters   Cancel

Name	Description
id * required string *(path)*	`1`

Execute	Clear

Responses

Curl

```
curl -X 'DELETE' \
  'http://localhost:3000/pets/1' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:3000/pets/1
```

Server response

Code	Details
200	

Response headers

```
connection: keep-alive
content-length: 0
date: Thu,09 Nov 2023 19:54:55 GMT
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Code	Description	Links
200	OK	*No links*
404	Matching ID not found	*No links*