

Extremely Simple Blog API

We're using a small blog api that does the following things:

- Accept a new blog post and store it in a postgresql instance.
- Display all blog posts.

Structure of a Blog Post

```
{
  "id": string,
  "title": string,
  "body": string,
  "author": string,
  "timestamp": string
}
```

Application Overview

Routes

GET /

Route	Method	Description
/	GET	Display a simple "Welcome to Simple Blog API" Message

GET /health_check

Route	Method	Description
/health_check	GET	Returns "Ok"

GET /posts

Route	Method	Description
/posts/	GET	Returns a list of all the blog posts available

Example Response:

```
[
  {
    "id": string,
    "title": string,
    "body": string,
    "author": string,
    "timestamp": string
  },
  {
    "id": string,
    "title": string,
    "body": string,
    "author": string,
    "timestamp": string
  },
  .
  .
  .
]
```

POST /posts

Route	Method	Description
/posts/	POST	Creates a new blog post

Example Request Body:

```
{
  "title": string,
  "body": string,
  "author": string
}
```

Example Response:

```
{
  "id": string,
  "title": string,
  "body": string,
  "author": string,
  "timestamp": string
}
```

PATCH /posts/:post_id

Route	Method	Description
/posts/:post_id	PATCH	Updates a blog post by using an id

Example Response:

```
{
  "id": string,
  "title": string,
  "body": string,
  "author": string,
  "timestamp": string
}
```

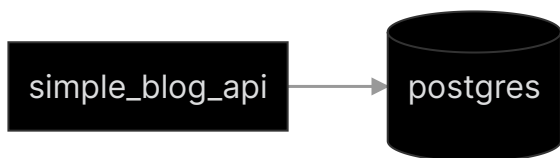
DELETE /posts/:post_id

Route	Method	Description
/posts/:post_id	DELETE	Deletes a blog post by using an id

Response Codes:

- 204 - Deleted Post successfully
- 400 - Invalid post_id supplied
- 404 - Post not found

Application Architecture



- The simple_blog_api server is running on port 3000
- The postgres database is running on port 5432

Environment Variables Used

Variable Name	Description	Default Value
POSTGRES_HOST	The URL used to connect to postgres	"localhost"
POSTGRES_PORT	The PORT used to connect to postgres	5432
POSTGRES_USERNAME	The default db user account	"postgres"
POSTGRES_PASSWORD	The default db user password	"postgres_password"
POSTGRES_DB	The default database created	"simple_blog_api"
PORT	The PORT used to connect to the simple_blog_api	3000