## **Recipe Management API**

#### Overview

A RESTful API built with Spring Boot and MongoDB that allows users to manage a collection of cooking recipes. The application supports full CRUD operations and exposes interactive documentation via Swagger.

#### **Features**

- Create, read, update, and delete recipes
- Store and retrieve data from MongoDB
- API input validation
- Integrated Swagger UI for API testing

## **Technologies Used**

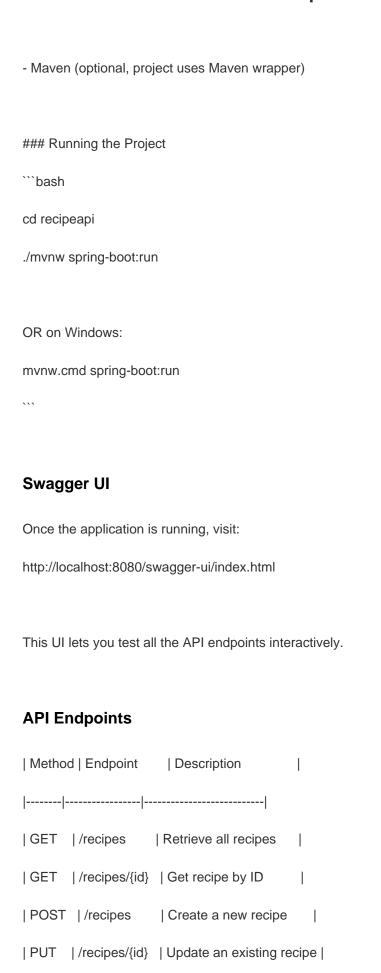
- Java 21
- Spring Boot 3.4.5
- Spring Data MongoDB
- Maven
- MongoDB
- Swagger (Springdoc OpenAPI)
- Postman (for manual testing)

#### **Getting Started**

### Prerequisites

- Java 21 installed
- MongoDB running locally (default port 27017)

## **Recipe Management API**



# **Recipe Management API**

```
| DELETE | /recipes/{id} | Delete a recipe by ID |
```

## **Example Recipe Object**

```
{
  "title": "Spaghetti Carbonara",
  "description": "A creamy pasta dish...",
  "ingredients": ["spaghetti", "eggs", "cheese", "pancetta"],
  "instructions": ["Boil pasta", "Cook pancetta", "..."],
  "cookingTime": 20,
  "category": "Pasta"
}
```

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