

Captures projet API DE CUISINE 4 AMS :

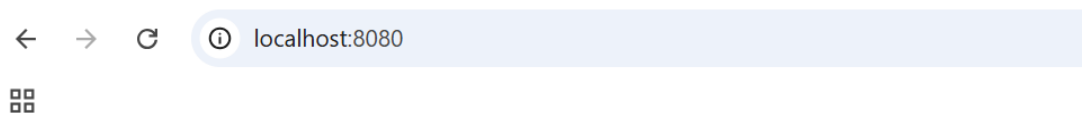
- Succès commandes docker compose up --build :

```

[+] Building 21.8s (18/19) FINISHED                                                                    docker-desktop-Linux
-> [recette-service Internal] Load build definition from Dockerfile
-> => transferring Dockerfile: 219B
-> [recette-service Internal] Load metadata for docker.io/library/eclipse-temurin:21-jdkmy
-> => transferring container: 57.54s
-> [recette-service Auth] library/eclipse-temurin:pull token for Registry-1.docker.in
-> [recette-service Internal] load_dockerignore
-> => transferring context: 2B
-> [recette-service 1/3] FROM docker.io/library/eclipse-temurin:21-jdkmy@sha256:24d8b5459aea72c1a82293ecc9b7041dfcb377b70b6dc8be5ac44ba
-> => transferring container: 10.14s
-> [recette-service Internal] load_build_context
-> => transferring context: 57.54s
-> CACHED [recette-service 2/5] MURDERIS /app
-> [recette-service 3/5] COPY target/api-0.0.1-SNAPSHOT.jar ./app.jar
-> [recette-service] exporting to image
-> => exporting layers
-> => writing image sha256:90b6c0d769cf74775d4c109099184c91836c20a2026a833c6b7474e0
-> => saving to docker.io/library/recette-service:recette-service

```

- <http://localhost:8080> → API



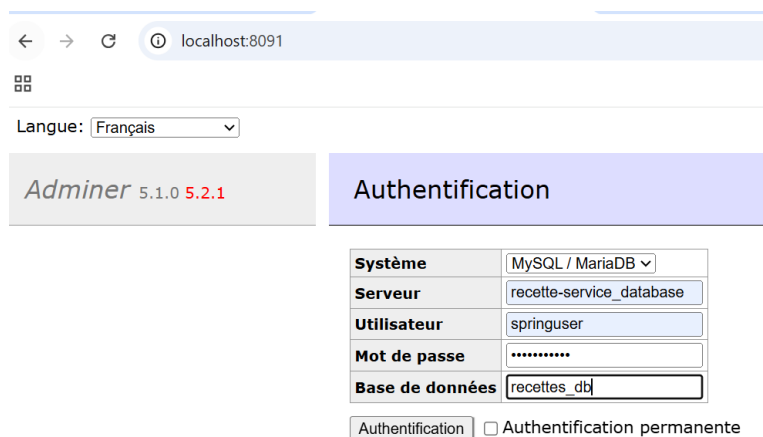
Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Mon Apr 14 03:11:48 UTC 2025

There was an unexpected error (type=Not Found, status=404).

- <http://localhost:8091> → Adminer (interface DB)



localhost:8091/?server=recette-service_database&username=springuser&db=recettes_db

Langue: Français

MariaDB » recette-service_database » Base de données: recettes_db

springuser Déconnexion

Adminer 5.1.0 5.2.1

BD: recettes_db

Requête SQL Importer Exporter Créer une table

select categorie
select ingredient
select recette
select recette_ingredient

Base de données: recettes_db

Modifier la base de données Schéma de la base de données Privilèges

Tables et vues

Rechercher dans les tables (4)

Table	Moteur	Interclassement	Longueur des données	Longueur de l'index	Espace inutilisé	Incrément automatique	Lignes	Commentaire
<input type="checkbox"/> categorie	InnoDB	utf8mb4_general_ci	16,384	0	0	0	6 ~ 4	
<input type="checkbox"/> ingredient	InnoDB	utf8mb4_general_ci	16,384	0	0	0	4 ~ 1	
<input type="checkbox"/> recette	InnoDB	utf8mb4_general_ci	16,384	16,384	0	0	8 ~ 5	
<input type="checkbox"/> recette_ingredient	InnoDB	utf8mb4_general_ci	16,384	32,768	0	0	12 ~ 9	
4 au total	InnoDB	utf8mb4_general_ci	65,536	49,152	0			

Sélectionnée(s) (0)

Analyser Optimiser Vérifier Réparer Tronquer Supprimer

Déplacer vers une autre base de données: recettes_db Déplacer Copier Écraser

➤ Services et Controllers

- CategorieController GET/Categories :

API de cuisine / get all categories

Save Share

GET http://localhost:8080/api/categories Send

Params Authorization Headers (6) Body Scripts Tests Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (8) Test Results 200 OK • 22 ms • 352 B Save Response

{ } JSON Preview Visualize

```

1 [
2   {
3     "id": 1,
4     "nom": "Dessert"
5   },
6   {
7     "id": 2,
8     "nom": "Entrée"
9   },
10  {
11    "id": 3,
12    "nom": "Plat"
13  },
14 ]

```

Activer Windows
Accédez aux paramètres pour activer Windows.

- **CategorieController POST/Categories :**

Api de cuisine / **add categorie**

POST http://localhost:8080/api/categories

Body

```

1 {
2   "nom": "Apéritif"
3 }

```

Body Cookies Headers (8) Test Results **200 OK** • 1.07 s • 279 B • Save Response

JSON Preview Visualize

```

1 {
2   "id": 6,
3   "nom": "Apéritif"
4 }

```

- **IngredientController**
 - **GET /ingredients : liste les ingrédients**

Api de cuisine / **get all ingredients**

GET http://localhost:8080/api/ingredients

Params Authorization Headers (6) Body Scripts Tests Settings Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body Cookies Headers (8) Test Results **200 OK** • 1.56 s • 302 B • Save Response

JSON Preview Visualize

```

1 [
2   {
3     "id": 1,
4     "nom": "Beurre"
5   },
6   {
7     "id": 3,
8     "nom": "Farine"
9   }
10 ]

```

○ GET /ingredients/{id} : affiche un ingrédient

API de cuisine / get Ingredient ById

GET http://localhost:8080/api/ingredients/1

Send

Params Authorization Headers (6) Body Scripts Tests Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (8) Test Results 200 OK • 96 ms • 276 B Save Response

{ } JSON Preview Visualize

```
1 {
2   "id": 1,
3   "nom": "Beurre"
4 }
```

○ POST /ingredients : ajoute un ingrédient

API de cuisine / add ingredient

POST http://localhost:8080/api/ingredients

Send

Params Authorization Headers (8) Body Scripts Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 { "nom": "Sucre" }
2
```

Body Cookies Headers (8) Test Results 200 OK • 108 ms • 275 B Save Response

{ } JSON Preview Visualize

```
1 {
2   "id": 4,
3   "nom": "Sucre"
4 }
```

○ DELETE /ingrédients/{id} : supprime un ingrédient

API de cuisine / delete ingredient

DELETE http://localhost:8080/api/ingredients/5

Send

Params Authorization Headers (6) Body Scripts Tests Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (7) Test Results 200 OK • 129 ms • 212 B Save Response

Raw Preview Visualize

```
1
```

- RecetteController
 - GET /recettes : liste toutes les recettes

HTTP Api de cuisine / **get all recettes** Save Share

GET ▼ Send ▼

Params Authorization Headers (6) Body Scripts Tests Settings Cookies

Body Cookies Headers (8) Test Results ↺ 200 OK • 244 ms • 1.08 KB • 🌐 📄 Save Response ⋮

{} JSON ▼ ▶ Preview 🔗 Visualize ▼ 🔧 📄 🔍 🔗

```

1  [
2    {
3      "id": 1,
4      "nom": "Tarte aux pommes caramélisées",
5      "description": "Une tarte aux pommes avec une touche de caramel.",
6      "categorie": {
7        "id": 1,
8        "nom": "Dessert"
9      }
10   },
11   {
12     "id": 3,
13     "nom": "Tarte au citron",
14     "description": "Acidulée et sucrée",
15     "categorie": {
16       "id": 1,
17       "nom": "Dessert"
18     }
19   },
20 ]
  
```

Activer Windows
Accédez aux paramètres pour activer Windows.

🔗 Postman 📄 Runner ⚙️ Start Proxy 🌐 Cookies 🗂️ Vault 🗑️ Trash

- GET /recettes/{id} : affiche une recette par ID

HTTP Api de cuisine / **get Recette by Id** Save Share

GET ▼ Send ▼

Params Authorization Headers (6) Body Scripts Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON ▼ Beautify

1

Body Cookies Headers (8) Test Results ↺ 200 OK • 59 ms • 360 B • 🌐 📄 Save Response ⋮

{} JSON ▼ ▶ Preview 🔗 Visualize ▼ 🔧 📄 🔍 🔗

```

1  {
2    "id": 3,
3    "nom": "Tarte au citron",
4    "description": "Acidulée et sucrée",
5    "categorie": {
6      "id": 1,
7      "nom": "Dessert"
8    }
9  }
  
```

- POST /recettes : crée une recette (avec ses ingrédients et quantités)

HTTP Api de cuisine / Add recette-ingredients Save Share

POST ▼ Send ▼

Params Authorization Headers (8) **Body** ● Scripts Tests Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** ▼ Beautify

```
1 {
2   "recette": { "id": 3 },
3   "ingredient": { "id": 3 },
4   "quantite": 250,
5   "unite": "g"
6 }
7
```

Body Cookies Headers (8) Test Results 🕒 **200 OK** • 455 ms • 390 B • 🌐 📄 Save Response ⋮

{} **JSON** ▼ ▶ Preview 🔗 Visualize ▼ ↩ 📄 🔍 🔗

```
1 {
2   "id": 14,
3   "recette": {
4     "id": 3,
5     "nom": null,
6     "description": null,
7     "categorie": null
8   },

```

Activer Windows
Accédez aux paramètres pour activer Windows.

- DELETE /recettes/{id} : supprime une recette

HTTP Api de cuisine / delete recette-ingredients Save Share

DELETE ▼ Send ▼

Params Authorization Headers (6) **Body** Scripts Tests Settings Cookies

Query Params

	Key	Value	Description	⋮ Bulk Edit
	Key	Value	Description	

Body Cookies Headers (7) Test Results 🕒 **200 OK** • 71 ms • 212 B • 🌐 📄 Save Response ⋮

📄 **Raw** ▼ ▶ Preview 🔗 Visualize ▼ ↩ 📄 🔍 🔗

```
1
```

BONUS :

- GET /recettes/search?categorie=Plat

GET Send

Params Authorization Headers (6) Body Scripts Tests Settings Cookies

Body Cookies Headers (8) Test Results 200 OK • 2.06 s • 618 B • Save Response

{ } JSON Preview Visualize

```
2 {
3   "id": 7,
4   "nom": "Pancakes matinaux",
5   "description": "Idéal pour un brunch",
6   "categorie": "Plat",
7   "ingredients": [
8     {
9       "nom": "Farine",
10      "quantite": 200.0,
11      "unite": "g"
12    },
13    {
14      "nom": "Beurre",
15      "quantite": 75.0,
16      "unite": "g"
17    }
18  ]
19 },
20 }
```

Activer Windows
Accédez aux paramètres pour activer Windows.

- GET /recettes/search?ingredient=farine

GET Send

Params Authorization Headers (6) Body Scripts Tests Settings Cookies

<input checked="" type="checkbox"/> Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> ingredient	Farine			

Body Cookies Headers (8) Test Results 200 OK • 158 ms • 1.64 KB • Save Response

{ } JSON Preview Visualize

```
108 ]
109 },
110 {
111   "id": 9,
112   "nom": "Crêpes salées",
113   "description": "Parfaites pour un déjeuner rapide",
114   "categorie": "Plat",
115   "ingredients": [
116     {
117       "nom": "Farine",
118       "quantite": 250.0,
119       "unite": "g"
120     }
121   ]
122 }
```

Activer Windows
Accédez aux paramètres pour activer Windows.

➤ DTO

dto

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