

Url Shortener API Documentation

Introduction

Welcome to the API documentation for my URL Shortener project. This document will guide you through the necessary steps to integrate my URL shortening service into your application.

API Base URL

All URLs referenced in the documentation have the following base:

```
<http://localhost:8000>
```

Endpoints

POST /minify/

This endpoint is used to create a new short URL.

- **URL Params:** None
- **Data Params:**
 - `long_url`: string (required) - The original URL to be shortened.
- **Success Response:**
 - **Code:** 200
 - **Response Payload:**

```
{
  "code": "US_RS_200",
  "message": "request success",
  "lang": "en",
  "data": {
    "short_url": "http://127.0.0.1:8000/dZ7HVG"
```

```
}  
}
```

- **Error Response 1:**

- **Code:** 400
- **Response Payload:**

```
{  
  "code": "US_IRD_400",  
  "message": "invalid request data",  
  "lang": "en",  
  "data": {}  
}
```

- **Error Response 2:**

- **Code:** 400
- **Response Payload:**

```
{  
  "code": "US_RF_400",  
  "message": "request failed",  
  "lang": "en",  
  "data": {}  
}
```

Example Request:

```
curl --location 'http://127.0.0.1:8000/minify/' \  
--header 'Content-Type: application/json' \  
--data '{  
  "long_url": "www.google.com"  
}'
```

GET /short_code

This endpoint is used to redirect to the original URL.

- **URL Params:** `short_code=[string]` (required)
- **Success Response:**
 - **Code:** 302
 - **Content:** Redirects to the original URL.
- **Error Response 1:**
 - **Code:** 400
 - **Response payload:**

```
{
  "code": "US_RF_400",
  "message": "request failed",
  "lang": "en",
  "data": {}
}
```

- **Error Response 2:**
 - **Code:** 400
 - **Response payload:**

```
{
  "code": "US_IRD_400",
  "message": "invalid request data",
  "lang": "en",
  "data": {}
}
```

- **Error Response 3:**
 - **Code:** 404
 - **Response payload:**

```
{
  "code": "US_DNF_404",
  "message": "data not found",
  "lang": "en",
  "data": {}
}
```

Example Request:

```
curl --location 'http://127.0.0.1:8000/dZ7HVG'
```