

My Sample API Documentation

Introduction

Welcome to the documentation for My Sample API! This API allows developers to access and manage various resources within our system. It provides functionality for creating, reading, updating, and deleting data.

- Base URL: `https://api.example.com`
- Authentication: API key is required for all requests.

Getting Started

To start using the API, you need to include the API key in the request header as follows:

```
makefile
Authorization: Bearer <API_KEY>
```

Endpoints

Retrieve User

Retrieves information about a user.

- Endpoint: `/users/{id}`
- HTTP Method: `GET`
- Path Parameters:
 - `id` (required): ID of the user to retrieve.

Example Request

```
sql
GET /users/123 HTTP/1.1
Authorization: Bearer <API_KEY>
```

Example Response

```
json
HTTP/1.1 200 OK
Content-Type: application/json

{
  "id": 123,
  "name": "John Doe",
  "email": "john.doe@example.com",
  "created_at": "2023-06-01T10:00:00Z",
  "updated_at": "2023-06-10T15:30:00Z"
}
```

Create User

Creates a new user.

- **Endpoint:** /users
- **HTTP Method:** POST
- **Request Body:**
 - **name (required):** Name of the user.
 - **email (required):** Email of the user.

Example Request

```
bash
POST /users HTTP/1.1
Authorization: Bearer <API_KEY>
Content-Type: application/json

{
  "name": "Jane Smith",
  "email": "jane.smith@example.com"
}
```

Example Response

```
json
HTTP/1.1 201 Created
Content-Type: application/json

{
  "id": 456,
  "name": "Jane Smith",
  "email": "jane.smith@example.com",
  "created_at": "2023-06-15T09:30:00Z",
  "updated_at": "2023-06-15T09:30:00Z"
}
```

Resources

User

Represents a user in the system.

Properties

- `id` (integer): The unique identifier of the user.
- `name` (string): The name of the user.
- `email` (string): The email of the user.
- `created_at` (string): The timestamp indicating when the user was created.
- `updated_at` (string): The timestamp indicating when the user was last updated.

Best Practices

- Use proper error handling and provide meaningful error responses.
- Ensure that the API key is securely stored and transmitted.

Versioning and Changelog

- API Version: 1.0.0
- Changelog: [Link to Changelog]

Support and Contact

For any questions or support, please contact our team at support@example.com.