

Weather Service API Documentation

Overview

The Weather Service API provides access to weather data for various locations, including daily temperature in Moscow. It is designed to be simple, reliable, and powerful for developers to integrate weather data into their applications.

Base URL

The base URL for the API is:

`http://<your-domain>/api`

Replace `<your-domain>` with the domain where your service is hosted.

Authentication

Currently, this API does not require authentication. Please implement appropriate authentication mechanisms to protect your API.

Endpoints

Get Weather Data by Coordinates

- **URL:** `/weather/coordinates/{latitude},{longitude}?time={targetTime}`
- **Method:** GET
- **URL Params:**
 - `latitude`: Latitude of the location(-90~90).
 - `longitude`: Longitude of the location(-180~180).
 - `time`: Target Time(0~24).
- **Description:** Retrieves weather data for a specific location based on latitude and longitude coordinates.
- **Response:**
 - **200 OK:** Returns an object containing weather data for the specified coordinates.
 - **500 Internal Server Error:** Indicates a server-side error.

Get Weather Data by Location Name

- **URL:** `/weather/city/{cityName}?time={targetTime}`
- **Method:** GET

- **URL Params:**
 - `name`: Name of the location(ex: Moscow).
 - `time`: Target Time(0~24).
- **Description:** Retrieves weather data for a specific location based on its name.
- **Response:**
 - **200 OK:** Returns an object containing weather data for the specified location name.
 - **500 Internal Server Error:** Indicates a server-side error.

Error Handling

All endpoints return the status code `500 Internal Server Error` in case of server-side issues. Ensure proper logging and monitoring to identify and resolve issues promptly.

Rate Limiting

Consider implementing rate limiting to prevent abuse and ensure service availability for all users.