Weather Service

A RESTful web service which talks to a 3rd party weather service . It exposes APIs to get weather by city, country and by polar coordinates.

Weather Information : REST APIs for current weather information

GET   /weatherInfo/fetchByCityAndCountryCode

fetch weather information by city and ISO 3166 country code

Response Class (Status 200)

OK

Model | Model Schema

```
{
  "base": "string",
  "clouds": {
    "all": 0
  },
  "cod": 0,
  "coord": {
    "lat": 0,
    "lon": 0
  },
  "dt": 0,
  "id": 0,
  "main": {
    "feels_like": 0,
    "humidity": 0,
    "pressure": 0,
    "temp": 0,
    "temp_max": 0,
    "temp_min": 0
  },
  "name": "string",
  "rain": {
    "1h": 0
  },
  "snow": {
    "1h": 0
  },
  "sys": {
    "country": "string",
    "id": 0,
    "sunrise": 0,
    "sunset": 0,
    "type": 0
  },
  "timezone": 0,
  "visibility": 0,
  "weather": [
    {
```

```
      "description": "string",
      "icon": "string",
      "id": 0,
      "main": "string"
    }
  ],
  "wind": {
    "deg": 0,
    "gust": 0,
    "speed": 0
  }
}
```

Response Content Type `*/*` ⌄

Parameters

Parameter	Value	Description	Parameter Type	Data Type
city	(required)	**city**	query	string
countryCode	(required)	**countryCode**	query	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
400	Bad Request		
401	Unauthorized		
403	Forbidden		
404	Not found		
500	Internal Server Error		

Try it out!

GET   **/weatherInfo/fetchByLatitudeLongtitude**   *fetch weather information by polar coordinates*

Response Class (Status 200)

OK

Model | Model Schema

```
{
  "base": "string",
  "clouds": {
    "all": 0
  },
  "cod": 0,
  "coord": {
    "lat": 0,
```

```
      "lon": 0
    },
    "dt": 0,
    "id": 0,
    "main": {
      "feels_like": 0,
      "humidity": 0,
      "pressure": 0,
      "temp": 0,
      "temp_max": 0,
      "temp_min": 0
    },
    "name": "string",
    "rain": {
      "1h": 0
    },
    "snow": {
      "1h": 0
    },
    "sys": {
      "country": "string",
      "id": 0,
      "sunrise": 0,
      "sunset": 0,
      "type": 0
    },
    "timezone": 0,
    "visibility": 0,
    "weather": [
      {
        "description": "string",
        "icon": "string",
        "id": 0,
        "main": "string"
      }
    ],
    "wind": {
      "deg": 0,
      "gust": 0,
      "speed": 0
    }
  }
```

Response Content Type `*/*` ⌄

Parameters

Parameter	Value	Description	Parameter Type	Data Type
latitude	(required)	**latitude**	query	double
longtitude	(required)	**longtitude**	query	double

Response Messages

HTTP Status Code	Reason	Response Model	Headers
400	Bad Request		
401	Unauthorized		
403	Forbidden		
404	Not found		
500	Internal Server Error		

Try it out!

[BASE URL: /weatherService , API VERSION: 1.0]