**National Parks Information API Documentation**

The National Parks Information API provides data about various national parks, including weather information and Air Quality Health Index (AQHI) for each park. This API is designed to serve information related to national parks across Canada, offering details about their location, name, weather conditions, and air quality insights.

Base URL

The base URL for accessing the endpoints is: <http://54.210.72.99/>

**Get Park Information**

GET /api

Returns information about all the national parks available in the database.

Example Request

GET /api

Host: <http://54.210.72.99/>

Example Response

json

[

{

"id": 1,

"name": "Terra Nova National Park",

"lat": 48.566077,

"lng": -53.899241,

"link": "https://www.google.ca/maps/@48.5660767,-53.8992407,3a,75y,47.15h,92.84t/data=!3m7!1e1!3m5!1sYEt-oMgOVpddEDNPIDBk8g!2e0!6s%2F%2Fgeo2.ggpht.com%2Fcbk%3Fpanoid%3DYEt-oMgOVpddEDNPIDBk8g%26output%3Dthumbnail%26cb\_client%3Dmaps\_sv.tactile.gps%26thumb%3D2%26w%3D203%26h%3D100%26yaw%3D85.21347%26pitch%3D0%26thumbfov%3D100!7i13312!8i6656?shorturl=1",

"temperature": 4.2,

"weatherCondition": "Rain",

"AQI": 1,

"AQICategory": "Low health risk"

},

// ... (other parks information)

]

**Get Weather and AQI for a Park**

GET /api/:id/weather

Returns detailed information about the weather and Air Quality Index (AQI) for a specific park based on its unique ID.

Example Request

GET /api/1/weather

Host: <http://54.210.72.99/>

Example Response

json

{

"id": 1,

"name": "Terra Nova National Park",

"lat": 48.566077,

"lng": -53.899241,

"link": "https://www.google.ca/maps/@48.5660767,-53.8992407,3a,75y,47.15h,92.84t/data=!3m7!1e1!3m5!1sYEt-oMgOVpddEDNPIDBk8g!2e0!6s%2F%2Fgeo2.ggpht.com%2Fcbk%3Fpanoid%3DYEt-oMgOVpddEDNPIDBk8g%26output%3Dthumbnail%26cb\_client%3Dmaps\_sv.tactile.gps%26thumb%3D2%26w%3D203%26h%3D100%26yaw%3D85.21347%26pitch%3D0%26thumbfov%3D100!7i13312!8i6656?shorturl=1",

"temperature": 4.2,

"weatherCondition": "Rain",

"AQI": 1,

"AQICategory": "Low health risk"

}

**Response Objects**

id (integer): Unique identifier for the park.

name (string): Name of the national park.

lat (float): Latitude coordinates of the park.

lng (float): Longitude coordina

link (string): URL link to the park's location.

tes of the park.

temperature (float): Current temperature in Celsius.

weatherCondition (string): Current weather condition.

AQI (integer): Air Quality Index value.

AQICategory (string): Air Quality Index category.

**Status Codes**

200 OK: Returned for successful requests.

404 Not Found: Returned if the requested park is not found.

500 Internal Server Error: Returned if there is an issue in fetching weather or AQI data.