

工具调用模块



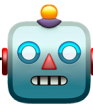
API



Call

```
{ "lon": 121.4737, "lat": 31.2304, "time": "2024-10-24T14:30:00Z", "language": "ENG" }
```

Parameters



LLM

[Query]  
What's the humidity and temperature now

[API Documents]  
...

[Reference Info]

[Instructions]  
Please give me the parameters to call this API. Use JSON format.

Prompt

```
{ "API_Name": "GetWeatherData", "API_Description": "Retrieve the current weather data for a specific location.", "Parameters": { "Required": { "lon": { "type": "float", "description": "Longitude of the location, e.g., 121.4737", "lat": { "type": "float", "description": "Latitude of the location, e.g., 31.2304" }, "Optional": { "time": { "type": "string", "description": "Timestamp in ISO 8601 format for the data requested, e.g., '2024-10-24T14:30:00Z'", "language": { "type": "string", "description": "Preferred language for the response, e.g., 'ENG'" } } } }
```

API Document

```
{ "request_id": "123e4567-e89b-12d3-a456-426614174000", "timestamp": "2024-10-24T14:30:00Z", "request_time": "2024-10-24T14:29:58Z", "location": { "city": "Shanghai", "region": "Shanghai", "country": "China", "latitude": 31.2304, "longitude": 121.4737, "timezone": "Asia/Shanghai", }, "temperature": { "value": 22.4, "unit": "Celsius", }, "feels_like": { "value": 21.8, "unit": "Celsius", }, "humidity": { "value": 68, "unit": "%", }, "wind": { "speed": { "value": 12.3, "unit": "km/h", }, "direction": "NE", }, "pressure": { "value": 1015, "unit": "hPa", }, "visibility": { "value": 10.0, "unit": "km", }, "weather_condition": "Partly Cloudy", "sunrise": "2024-10-24T06:20:00Z", "sunset": "2024-10-24T17:45:00Z" ... }
```

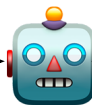
API Response

[Query]  
What's the humidity and temperature now

[Response keys]  
[ 'request\_id', 'current\_weather', .. ]

[Instructions]  
Please select the keys **related to** user query. Use JSON list.

Prompt



LLM

```
[ "humidity", "weather_condition", "temperature" ]
```

Selected Keys

```
{ "humidity": { "value": 68, "unit": "%", }, "weather_condition": "Partly Cloudy", "temperature": { "value": 22.4, "unit": "Celsius" } }
```



Condensed Response

API Response

响应压缩模块