

Implementing Web Application Integrate Rapid API

Date	14 November 2022
Team ID	PNT2022TMID44585
Project Name	News Tracker Application

INTEGRATE RAPID API:

Index.py

```
import http.client

conn = http.client.HTTPSConnection("demo-project1334.p.rapidapi.com")

headers = {
    'X-RapidAPI-Key': "79a409d922mshef2fd8603517b69p1c0e43jsn6f0f32341bc9",
    'X-RapidAPI-Host': "demo-project1334.p.rapidapi.com"
}

conn.request("GET", "/catalog/categories", headers=headers)

res = conn.getresponse()
data = res.read()

print(data.decode("utf-8"))
```

RAPID API :



Real-Time News ...
 rapidapi.com

Real-Time News Data FREEMIUM
 By OpenWeb Ninja | Updated 20 days ago | [Data](#)

Popularity
9.7 / 10

Latency
1,013ms

Service Level
100%

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Real-Time News Data API Documentation

Extremely Fast and Simple API to get top news globally or per topic and search for news by query and geographic area in real-time.

GET Top Headlines
 GET Topic Headlines
 GET Topic News By Section
 GET Search
 GET Local Headlines (Geo)
 GET Language List

GET Top Headlines
 Get the latest news headlines/top stories for a country.

Personal Account
 P. Parvathi

RapidAPI A... default-application_6856175...
 REQUIRED

Request URL
 rapidapi.com
 REQUIRED

Header Parameters

X-RapidAPI... 838c45aa63msh44303b2f74t...
 ENUM REQUIRED

X-RapidAPI... real-time-news-data.p.rapidap...
 STRING REQUIRED

Optional Parameters

country
 STRING
 US
 OPTIONAL Country code. See all available country codes.

Code Snippets

Results

200 Success

Body

3 keys

status: "OK"
 request_id: "f56be51d-05a1-4cdc-8481-58fcf56da5ae"
 data: [20 items

- 0: { 8 keys
- 1: { 8 keys
- 2: { 8 keys
- 3: { 8 keys
- 4: { 8 keys
- 5: { 8 keys
- 6: { 7 keys
- 7: { 8 keys
- 8: { 8 keys
- 9: { 8 keys
- 10: { 8 keys
- 11: { 8 keys
- 12: { 8 keys
- 13: { 8 keys
- 14: { 8 keys
- 15: { 8 keys
- 16: { 8 keys
- 17: { 7 keys
- 18: { 8 keys
- 19: { 8 keys
- 20: { 8 keys
- 21: { 8 keys
- 22: { 7 keys
- 23: { 8 keys

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Demo Project API

Developer Dashboard
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[Docs](#)

Personal Account
 Kiruthika

Dashboard
 Add New App
 Inbox
 Billing
 Search by App name
 My Apps
 default-application_6850524

Statistics
 Total API calls (Default)

Time Range
 Last 7 days

Period
 Days

Time Zone
 GMT+00:00 Greenwich Mean Time GMT

API Calls
 Total API Calls (Default)
2

Errors
 Average Error Rate (Default)
0%

Latency
 Average Latency (Default)
4,096.5 ms

Demo Project
 Random Words

Integrate Rapid API...pdf
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The image shows a Visual Studio Code window with a Python file named `client.py` and a terminal window displaying a traceback error.

client.py

```
1 import http.client
2
3 conn = http.client.HTTPSConnection("demo-project1334.p.rapidapi.com")
4
5 headers = {
6     'X-RapidAPI-Key': "79a409d922mshef2Fd8603517b69p1c0e43jsn6f0f32341bc9",
7     'X-RapidAPI-Host': "demo-project1334.p.rapidapi.com"
8 }
9
10 conn.request("GET", "/catalog/categories", headers=headers)
11
12 res = conn.getresponse()
13 data = res.read()
14
15 print(data.decode("utf-8"))
```

Terminal

```
PS C:\Users\HI\desktop\.vscode> py client.py
Traceback (most recent call last):
  File "C:\Users\HI\desktop\.vscode\client.py", line 10, in <module>
    conn.request("GET", "/catalog/categories", headers=headers)
  File "C:\Program Files\Python311\Lib\http\client.py", line 1282, in request
    self._send_request(method, url, body, headers, encode_chunked)
  File "C:\Program Files\Python311\Lib\http\client.py", line 1328, in _send_request
    self._endheaders(body, encode_chunked=encode_chunked)
  File "C:\Program Files\Python311\Lib\http\client.py", line 1277, in _endheaders
    self._send_output(message_body, encode_chunked=encode_chunked)
  File "C:\Program Files\Python311\Lib\http\client.py", line 1037, in _send_output
    self.send(msg)
```

The terminal window shows a PowerShell prompt where the command `py client.py` was executed. The output is a traceback error indicating a `ConnectionError` (not explicitly named but implied by the context of the error) at line 10 of `client.py`. The error propagates through the `request` method of `http.client` and the `_send_request` and `_endheaders` methods, eventually reaching the `send` method.