

# external service information

## 1. COVID API

our server can get COVID information via this API include the infect number and other information in the world, the tutorial link is

<https://rapidapi.com/Gramzivi/api/covid-19-data>

the sample code to get http request is as follow:

```
import requests

url = "https://covid-19-data.p.rapidapi.com/country"

querystring = {"format": "undefined", "name": "Hong Kong"}

headers = {
    'x-rapidapi-host': "covid-19-data.p.rapidapi.com",
    'x-rapidapi-key': "db0079e3dcmshe792876b65bea00p19aee5jsnf11d8cb7c164"
}

response = requests.request("GET", url, headers=headers, params=querystring)

print(response.text)
```

## 2. news API

we also want to push COVID news to ours users so we have to use News searching API.

The API website is <https://newsapi.org/> and we can push the searching result from bbc or others newspaper to our users.

## 3. Free chat API

This api is just for fun. Our service support user to users to chat with the chatbot. Although, it is make no sense to the real world, we believe this chatbot can entertain our users and make them happy.

The API website is <https://ai.qq.com/product/nlpchat.shtml>