

!Tips & Links

- ※ 강의 <https://www.udemy.com/course/the-complete-web-development-bootcamp/>
- ※ MailChimp <https://mailchimp.com/>
- ※ openWeatherMap <https://openweathermap.org/current> < current weather
- ※ Postman(가입함, 설치) <https://www.postman.com/>
- ※ **JSON Viewer Pro** browser add-on, 크롬extension // JSON Input ⇄ Chart or Tree structure
copy >> value, **path** // ex) weather[0].description

API	openWeatherMap(가입함seon)	https://openweathermap.org/
	police API(UK)	https://data.police.uk/docs/
	Financial Modeling Prep	https://site.financialmodelingprep.com/developer/docs
	PokeAPI	https://pokeapi.co/
	KanyeRest	https://kanye.rest/
	JokeAPI	https://sv443.net/jokeapi/v2/

APIs	Application Programming Interfaces	Endpoint	http://~~~~.com/info
	a set of commands, functions, protocols and objects	Paths	
	for create software of interact with an external system.	Parameter	?key=value&key=value
		Authentication	인증, traffic에 따라 유, 무료

※ openWeatherMAP: q= Key, query // appid= App ID // units= metric(C), imperial(F)

Current Weather Data:

api.openweathermap.org/data/2.5/weather?lat={lat}&lon={lon}&appid={API key}

api.openweathermap.org/data/2.5/weather?q={City,Country}&units=metric&appid={API key}

```
{ "coord": { "lon": 126.9778, "lat": 37.5683 }, "weather": [ { "id": 800, "main": "Clear", "description": "clear sky", "icon": "01d" } ], "base": "stations", "main": { "temp": 7.62, "feels_like": 5.37, "temp_min": 4.69, "temp_max": 8.66, "pressure": 1023, "humidity": 34, "sea_level": 1023, "grnd_level": 1016 }, "visibility": 10000, "wind": { "speed": 3.47, "deg": 307, "gust": 5.12 }, "clouds": { "all": 1 }, "dt": 1644473400, "sys": { "type": 1, "id": 5509, "country": "KR", "sunrise": 1644445668, "sunset": 1644483897, "timezone": 32400, "id": 1835848, "name": "Seoul", "cod": 200 }
```

Postman

API platform for building and using APIs.

new request > GET > 주소에 endpoint, 테이블에 keys & values 입력 > Send!

=> response를 JSON파일로 출력 // Pretty & Raw

JSON

JavaScript Object Notation, 선언X // { "string": { "string": "string", "string": 1000 } }

가볍고 javascript object로 변환이 용이함 (XML, HTML보다 선호)

npm install express & nodemon & body-parser

```
/* -----<lang: en>----- */
latitude[ˈlædət(y)əd]위도, longitude[ˈlɒnjɪt(y)əd]경도, <imperial>fahrenheit=F, <metrice>Celsius[ˈselsiəs]=C, Kelvin
```