IClinic-Weather Documentation

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Contents

Contents: This module contains functions to solve the challenge proposed by iClinic.

iclinic_wea.**handler_err**(*resp*)
Handler request error.

resp: http.client.HTTPResponse Response of request

value: byte

iclinic_wea.**main**()
Main function.

iclinic_wea.**req**(*service*, *params*, *timeout=10*)
Request function.

service: str The name of the service provided by the API

params: dict The params of api

timeout: float, optional The request timeout

resp: dict

```
>>> params = {'q': 'Ribeirão Preto', 'appid': 'API KEY'}
>>> resp = req("forecast", params=params, timeout=15)
```

iclinic_wea.**umbrella**(*args*)
Checking if take an umbrella.

args: dict

```
>>> _args = {'city': 'Ribeirão Preto', 'appid': 'API KEY', 'limit': 70,
             'timeout': 10}
>>> umbrella(_args)
You should take an umbrella in these days: Tuesday and Wednesday.
```

iclinic_wea.**ut2weekday**(*unixtimestamp*)
Return weekday name based on unix time.

unixtimestamp: int Unix timestamp

resp: string

iclinic_wea.**val_empty**(*value*)
Validate if value is empty.

value: str Command line value

value: str

```
>>> nvalue = val_fpos("hi")
>>> print("Value is: %s" % nvalue)
Value is hi
```

iclinic_wea.**val_fpos**(*value*)
Validate if float is positive.

value: str Command line value

value: float

```
>>> nvalue = val_fpos(15)
>>> print("Value is: %.2f" % nvalue)
Value is 15.00
```

CHAPTER 1

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