台风：

/web-emp-zn/typhoons/getTyphoon get 无参

{

"code": 2000,

"msg": "操作成功",

"data": [

{

"name": "经度",

"value": [

"132.200000",

"132.000000",

"133.300000"

]

},

{

"name": "纬度",

"value": [

"21.000000",

"22.500000",

"24.400000"

]

},

{

"name": "经中心气压度",

"value ": [

"995.000000",

"998.000000",

"1000.000000"

]

},

{

"name": "最大风速",

"value": [

"20.000000",

"18.000000",

"15.000000"

]

}

]

}

/web-emp-zn/typhoons/getDetailTyphoon get 无参 获取台风详细信息

{

"code": "200",

"msg": null,

"data": [

{

"typhoonStatusId": 42703,

"airpressure": 995,

"forecast": "",

"lat": 21,

"loadTime": 1545228479041,

"lon": 132.2,

"movetoward": "N",

"predictiontime": "",

"sevenwind": 200,

"speedshift": 15,

"tenwind": 0,

"typhoonid": "2462919",

"typhoonname": "万宜",

"typhoontime": "201811261200",

"updateTime": null,

"windpower": 8,

"windspeed": 20

},

{

"typhoonStatusId": 42702,

"airpressure": 998,

"forecast": "BABJ",

"lat": 22.5,

"loadTime": 1545228479041,

"lon": 132,

"movetoward": "",

"predictiontime": "12",

"sevenwind": 0,

"speedshift": 0,

"tenwind": 0,

"typhoonid": "2462919",

"typhoonname": "万宜",

"typhoontime": "201811261200",

"updateTime": null,

"windpower": 8,

"windspeed": 18

},

{

"typhoonStatusId": 42701,

"airpressure": 1000,

"forecast": "BABJ",

"lat": 24.4,

"loadTime": 1545228479041,

"lon": 133.3,

"movetoward": "",

"predictiontime": "24",

"sevenwind": 0,

"speedshift": 0,

"tenwind": 0,

"typhoonid": "2462919",

"typhoonname": "万宜",

"typhoontime": "201811261200",

"updateTime": null,

"windpower": 7,

"windspeed": 15

}

}]

字段说明：（其中冗余字段不用考虑）

typhoon\_status\_id '台风运行轨迹标识'

typhoonid '台风编号'

typhoonname '台风名称'

typhoontime '台风时间'

forecast '发报机构'

predictiontime '预报时刻 12 24 36'

lat '维度'

lon '经度'

windpower '风力'

windspeed '风速'

airpressure '气压'

speedshift '移速'

movetoward '移向'

sevenwind '七级风圈'

tenwind '十级风圈'

load\_time '数据插入时间'

update\_time'更新时间'

/web-emp-zn/ships/getShips get 无参 获取船只列表

{

"code": "200",

"msg": null,

"data": [

{

"mmsi": "413322000",

"name": "明州58"

},

{

"mmsi": "412377540",

"name": "明州35"

},

{

"mmsi": "414408000",

"name": "浙能2"

},

{

"mmsi": "412422450",

"name": "富兴10"

},

{

"mmsi": "412422460",

"name": "富兴12"

},

{

"mmsi": "413937000",

"name": "富兴17"

},

{

"mmsi": "413897000",

"name": "明州62"

},

{

"mmsi": "414074000",

"name": "富兴22"

},

{

"mmsi": "412436120",

"name": "明州25"

},

{

"mmsi": "414269000",

"name": "明州502"

}

]}

/web-emp-zn/ ships /findOne/{mmsi} get （参数mmsi 从船只列表接口获取） 获取某一船只信息

{

"code": "200",

"msg": "",

"data": [

{

"shipSailingId": "14575",

"mmsi": "413322000",

"callsign": "BLES",

"imo": "8833893",

"lat": "39.766460",

"lon": "119.657665",

"hdg": "255.000000",

"cog": "302.000000",

"sog": "0.000000",

"draught": "7600.000000",

"destStd": "CNSHP",

"eta": "12-1915:00",

"navistat": "1"

},

{

"shipSailingId": "14695",

"mmsi": "413322000",

"callsign": "BLES",

"imo": "8833893",

"lat": "39.766368",

"lon": "119.657762",

"hdg": "257.000000",

"cog": "352.000000",

"sog": "0.000000",

"draught": "7600.000000",

"destStd": "CNSHP",

"eta": "12-1915:00",

"navistat": "1"

},

{

"shipSailingId": "15039",

"mmsi": "413322000",

"callsign": "BLES",

"imo": "8833893",

"lat": "39.764628",

"lon": "119.656732",

"hdg": "335.000000",

"cog": "273.000000",

"sog": "51.000000",

"draught": "7600.000000",

"destStd": "CNSHP",

"eta": "12-1915:00",

"navistat": "1"

},

]}

字段说明：（其中冗余字段不用考虑）

返回结果list 船舶轨迹集合

ship\_sailing\_id '船舶航行标识'

shipid '船舶 ID即mmsi'

from1 '数据来源，0 代表 AIS，1 代表卫星'

mmsi '船舶 MMSI，9 位数字'

shiptype '船舶类型'

name '船舶名称'

callsign '船舶呼号'

length1 '船长，分米，(0-10220)'

width '船宽，分米，(0-1260]'

left1 '左舷距，分米,(0-630]'

trail '尾距，分米，(0-5110)'

draught '吃水，毫米，(0-25500]'

dest '目的地'

dest\_std '标准化后的目的地'

destcode '标准化后的目的地港口编码'

eta\_std '标准化后的预到时间'

navistat '船舶航行状态'

lat '纬度，1/1000000 度'

lon '经度，1/1000000 度'

sog '速度，毫米/秒, [0,52576]'

cog '航迹向，1/100 度, [0,35990]'

hdg '船首向，1/100 度, [0,35900]'

rot '转向率，1/100 度/秒'

lasttime '更新时间，unix 时间戳'

eta '预到时间：'

load\_time '加载时间'

update\_time '更新时间'

portid '出发港编号'

portname\_cn '出发港中文名'

portcode '出发港编码'

ata '到达出发港时间'

atb '到达出发港泊位时间'

atd '离开出发港时间'

/web-emp-zn/weathers get 无参 天气接口

{

"code": 200,

"msg": null,

"data": {

"provincialCity": "浙江 杭州",

"city": "杭州",

"cityCode": "2057",

"time": "2018/12/21 22:20:34",

"description": "今日天气实况：气温：12℃；风向/风力：西北风 1级；湿度：95%",

"weathers": [

{

"meteorology": "12月23日",

"type": "阴",

"minAir": "6℃",

"maxAir": "13℃",

"windCondition": "北风转东北风3-4级",

"icon1": "1.gif",

"icon2": "1.gif"

},

{

"meteorology": "12月24日",

"type": "多云转小雨",

"minAir": "7℃",

"maxAir": "12℃",

"windCondition": "东北风3-4级转北风小于3级",

"icon1": "2.gif",

"icon2": "2.gif"

},

{

"meteorology": "12月25日",

"type": "小雨",

"minAir": "6℃",

"maxAir": "11℃",

"windCondition": "北风小于3级转3-4级",

"icon1": "3.gif",

"icon2": "3.gif"

},

{

"meteorology": "12月26日",

"type": "小雨",

"minAir": "3℃",

"maxAir": "10℃",

"windCondition": "北风3-4级",

"icon1": "4.gif",

"icon2": "4.gif"

},

{

"meteorology": "12月22日",

"type": "小雨",

"minAir": "9℃",

"maxAir": "14℃",

"windCondition": "无持续风向小于3级转北风3-4级",

"icon1": "5.gif",

"icon2": "5.gif"

},

{

"meteorology": "12月27日",

"type": "小雨",

"minAir": "1℃",

"maxAir": "8℃",

"windCondition": "北风3-4级转无持续风向小于3级",

"icon1": "6.gif",

"icon2": "6.gif"

},

{

"meteorology": "12月21日",

"type": "小雨",

"minAir": "10℃",

"maxAir": "15℃",

"windCondition": "无持续风向小于3级",

"icon1": "7.gif",

"icon2": "7.gif"

}

]

}

}

字段说明：

provincialCity：省份城市

city:城市

cityCode:城市编码

time:时间

description:天气描述

weathers:气象气温集合

meteorology:天气气象

minAir:最低温度

maxAir:最高温度

windCondition:风力

icon1：图标1

icon2：图标2

/web-emp-zn/dams/{code} 获取大坝实时信息

get（code(大坝编码，北海大坝 DB001,华光潭一级坝 DB002,华光潭二级坝DB003)）

{

"code": 200,

"msg": null,

"data": {

"onDamLeval": "151.44",

"downDamLeval": "32.14",

"damCapacity": "296123.1",

"downDamFlow": "",

"rainfall": "0.0",

"inDamFlow": "17.962",

"outDamFlow": "0.0",

"wastewaterFlow": "0.0",

"powerFlow": "0.0"

}

}

字段说明：

"onDamLeval": 坝上水位

"downDamLeval": 坝下水位

"damCapacity": 坝上库容

"downDamFlow":坝下流量

"rainfall": 库区雨量

"inDamFlow": 入库流量

"outDamFlow": 出库流量

"wastewaterFlow": 弃水流量

"powerFlow":发电流量

/web-emp-zn/dams/getDamsList 获取大坝列表 get 无参

{

"code": 2000,

"msg": "操作成功",

"data": [

{

"name": "北海大坝",

"code": "DB001",

"longitude": 120.058056,

"latitude": 28.135833,

"orgName": "北海水电",

"orgFullName": "浙江浙能北海水力发电有限公司",

"orgCode": "105030"

},

{

"name": "华光潭一级坝",

"code": "DB002",

"longitude": 119.1325,

"latitude": 30.186111,

"orgName": "华光潭水电",

"orgFullName": "浙江浙能华光潭水力发电有限公司",

"orgCode": "105040"

},

{

"name": "华光潭二级坝",

"code": "DB003",

"longitude": 119.1325,

"latitude": 30.186111,

"orgName": "华光潭水电",

"orgFullName": "浙江浙能华光潭水力发电有限公司",

"orgCode": "105040"

}

]

}