

查询地名对应 code

接口信息

调用地址: <http://saweather.market.alicloudapi.com/area-to-id>

请求方式: GET

返回类型: JSON

API 调用: [API 简单身份认证调用方法 \(APPCODE\)](#) [API 签名认证调用方法 \(AppKey & AppSecret\)](#)

获取认证: [AppKey & AppCode](#)

接口参数

请求参数 (Header)

请求参数 (Query)

字段名称	必填	字段详情
area string	Y	地区名称 实例值: 丽江

请求示例

——Java

```
public static void main(String[] args) {
    String host = "http://saweather.market.alicloudapi.com";
    String path = "/area-to-id";
    String method = "GET";
    String appcode = "你自己的 AppCode";
    Map<String, String> headers = new HashMap<String, String>();
    //最后在 header 中的格式(中间是英文空格)为 Authorization:APPCODE
    83359fd73fe94948385f570e3c139105
    headers.put("Authorization", "APPCODE " + appcode);
    Map<String, String> queries = new HashMap<String, String>();
    queries.put("area", "丽江");

    try {
        /**
         * 重要提示如下:
```

```

        * HttpUtils 请从
        *
https://github.com/aliyun/api-gateway-demo-sign-java/blob/master/src/main/java/com/aliyun/api/gateway/demo/util/HttpUtils.java
        * 下载
        *
        * 相应的依赖请参照
        *
https://github.com/aliyun/api-gateway-demo-sign-java/blob/master/pom.xml
1
        */
        HttpResponse response = HttpUtils.doGet(host, path, method,
headers, querys);
        System.out.println(response.toString());
        //获取 response 的 body
        //System.out.println(EntityUtils.toString(response.getEntity
    ()));
    } catch (Exception e) {
        e.printStackTrace();
    }
}
}

```

成功响应

```

{
  "showapi_res_code": 0,
  "showapi_res_error": "",
  "showapi_res_body": {
    "list": [
      {
        "area": "丽江",
        "areaaid": "",
        "cityInfo": {
          "c1": "",
          "c10": "2",
          "c11": "0888",
          "c12": "674100",
          "c15": "2394",
          "c16": "AZ9888",
          "c17": "+8",
          "c2": "lijiang",
          "c3": "丽江",
          "c4": "lijiang",
          "c5": "丽江",
          "c6": "yunnan",

```

```

        "c7": "云南",
        "c8": "china",
        "c9": "中国",
        "latitude": 26.903,
        "longitude": 100.222
    },
    "distric": "丽江",
    "prov": "云南"
}
],
"ret_code": 0
}
}

```

错误码

错误码	错误信息	描述
HttpCode=200	返回正文 ret_code=0	调用成功，扣费，扣调用次数
HttpCode=555	返回正文 ret_code=-1	不扣费，不扣调用次数

查询 24 小时天气预报

接口信息

调用地址: <http://saweather.market.alicloudapi.com/hour24>

请求方式: GET

返回类型: JSON

API 调用: [API 简单身份认证调用方法 \(APPCODE\)](#) [API 签名认证调用方法 \(AppKey & AppSecret\)](#)

获取认证: [AppKey & AppCode](#)

接口参数

请求参数 (Header)

请求参数 (Query)

字段名称	必填	字段详情
------	----	------

area	string	N	地区名称 实例值: 丽江
areaCode	string	N	地区 code. 此参数和 area 必须二选一输入一个。 实例值: 530700

请求示例

—Java

```
public static void main(String[] args) {
    String host = "http://sawweather.market.alicloudapi.com";
    String path = "/hour24";
    String method = "GET";
    String appcode = "你自己的 AppCode";
    Map<String, String> headers = new HashMap<String, String>();
    //最后在 header 中的格式(中间是英文空格)为 Authorization:APPCODE
    83359fd73fe94948385f570e3c139105
    headers.put("Authorization", "APPCODE " + appcode);
    Map<String, String> querys = new HashMap<String, String>();
    querys.put("area", "丽江");
    querys.put("areaCode", "530700");

    try {
        /**
         * 重要提示如下:
         * HttpUtils 请从
         *
         * https://github.com/aliyun/api-gateway-demo-sign-java/blob/master/src/main/java/com/aliyun/api/gateway/demo/util/HttpUtils.java
         * 下载
         *
         * 相应的依赖请参照
         *
         * https://github.com/aliyun/api-gateway-demo-sign-java/blob/master/pom.xml
         */
        HttpResponse response = HttpUtils.doGet(host, path, method,
headers, querys);
        System.out.println(response.toString());
        //获取 response 的 body
        //System.out.println(EntityUtils.toString(response.getEntity
        ()));
    } catch (Exception e) {
```

```
        e.printStackTrace();
    }
}
```

成功响应

```
{
  "showapi_res_code": 0,
  "showapi_res_error": "",
  "showapi_res_body": {
    "ret_code": 0,
    "area": "上海",
    "areaid": "",
    "hourList": [
      {
        "weather_code": "01",
        "time": "201611061000",
        "wind_direction": "东风",
        "wind_power": "4-5级 8.0~10.7m/s",
        "weather": "多云",
        "temperature": "21"
      },
      {
        "weather_code": "01",
        "time": "201611060900",
        "wind_direction": "东风",
        "wind_power": "3-4级 5.5~7.9m/s",
        "weather": "多云",
        "temperature": "19"
      }
    ]
  }
}
```

错误码

错误码	错误信息	描述
HttpCode=200	返回正文 ret_code=0	调用成功, 扣费, 扣调用次数
HttpCode=555	返回正文 ret_code=-1	不扣费, 不扣调用次数

查询 7 日内天气预报

接口信息

调用地址: <https://sawweather.market.alicloudapi.com/area-to-weather>

请求方式: GET

返回类型: JSON

API 调用: [API 简单身份认证调用方法 \(APPCODE\)](#) [API 签名认证调用方法 \(AppKey & AppSecret\)](#)

获取认证: [AppKey & AppCode](#)

接口参数

请求参数 (Header)

请求参数 (Query)

字段名称	必填	字段详情
area string	N	地区名称。名称和 code 必须输入一个。如果都输入, 以 areaid 为准。 实例值: 丽江
areaCode string	N	地区 code 实例值: 530700
needMoreDay string	N	是否需要返回 7 天数据中的后 4 天。1 为返回, 0 为不返回。 实例值: 0
needIndex string	N	是否需要返回指数数据, 比如穿衣指数、紫外线指数等。1 为返回, 0 为不返回。 实例值: 0
needHourData string	N	是否需要每小时数据的累积数组。由于本系统是半小时刷一次实时状态, 因此实时数组最大长度为 48。每天 0 点长度初始化为 0。 实例值: 0
need3HourForecast string	N	是否需要每小时数据的累积数组。由于本系统是半小时刷一次实时状态, 因此实时数组最大长度为 48。每天 0 点长度初始化为 0。1 为需要 0 为不 实例值: 0
needAlarm string	N	是否需要天气预警。1 为需要, 0 为不需要。 实例值: 0

请求示例

——Java

```
public static void main(String[] args) {
    String host = "https://sawether.market.alicloudapi.com";
    String path = "/area-to-weather";
    String method = "GET";
    String appcode = "你自己的 AppCode";
    Map<String, String> headers = new HashMap<String, String>();
    //最后在 header 中的格式(中间是英文空格)为 Authorization:APPCODE
    83359fd73fe94948385f570e3c139105
    headers.put("Authorization", "APPCODE " + appcode);
    Map<String, String> querys = new HashMap<String, String>();
    querys.put("area", "丽江");
    querys.put("areaCode", "530700");
    querys.put("needMoreDay", "0");
    querys.put("needIndex", "0");
    querys.put("needHourData", "0");
    querys.put("need3HourForecast", "0");
    querys.put("needAlarm", "0");

    try {
        /**
         * 重要提示如下:
         * HttpUtils 请从
         *
         https://github.com/aliyun/api-gateway-demo-sign-java/blob/master/src/main/java/com/aliyun/api/gateway/demo/util/HttpUtils.java
         * 下载
         *
         * 相应的依赖请参照
         *
         https://github.com/aliyun/api-gateway-demo-sign-java/blob/master/pom.xml
         *
         */
        HttpResponse response = HttpUtils.doGet(host, path, method,
headers, querys);
        System.out.println(response.toString());
        //获取 response 的 body
        //System.out.println(EntityUtils.toString(response.getEntity
        ()));
    } catch (Exception e) {
        e.printStackTrace();
    }
}
```

```
}  
}
```

成功响应

```
{  
  "showapi_res_code": 0,  
  "showapi_res_error": "",  
  "showapi_res_body": {  
    "f6": {  
      "day_weather": "小雨",  
      "night_weather": "小雨",  
      "night_weather_code": "07",  
      "index": {  
        "cold": {  
          "title": "少发",  
          "desc": "无明显降温, 感冒机率较低。"  
        },  
        "clothes": {  
          "title": "舒适",  
          "desc": "建议穿长袖衬衫单裤等服装。"  
        },  
        "uv": {  
          "title": "最弱",  
          "desc": "辐射弱, 涂擦 SPF8-12 防晒护肤品。"  
        },  
        "aqi": {  
          "title": "良",  
          "desc": "气象条件有利于空气污染物扩散。"  
        },  
        "wash_car": {  
          "title": "不宜",  
          "desc": "有雨, 雨水和泥水会弄脏爱车。"  
        },  
        "travel": {  
          "title": "较不宜",  
          "desc": "有降水, 推荐您在室内进行休闲运动。"  
        }  
      },  
      "night_wind_power": "微风<10m/h",  
      "day_wind_power": "微风<10m/h",  
      "day_weather_code": "07",  
      "sun_begin_end": "06:28|20:17",  
      "day_weather_pic":  
      "http://app1.showapi.com/weather/icon/day/07.png",  
    }  
  }  
}
```



```
"weekday": 1,
"night_air_temperature": "15",
"day_air_temperature": "24",
"day_wind_direction": "无持续风向",
"day": "20160704",
"night_weather_pic":
"http://app1.showapi.com/weather/icon/night/07.png",
"night_wind_direction": "无持续风向"
},
"f7": {
"day_weather": "小雨",
"night_weather": "中雨",
"night_weather_code": "08",
"index": {
"cold": {
"title": "少发",
"desc": "无明显降温，感冒机率较低。"
},
"clothes": {
"title": "较舒适",
"desc": "建议穿薄外套或牛仔裤等服装。"
},
"uv": {
"title": "最弱",
"desc": "辐射弱，涂擦 SPF8-12 防晒护肤品。"
},
"wash_car": {
"title": "较不宜",
"desc": "有降水，推荐您在室内进行休闲运动。"
},
"travel": {
"title": "良",
"desc": "气象条件有利于空气污染物扩散。"
}
},
"night_wind_power": "微风<10m/h",
"day_wind_power": "微风<10m/h",
"day_weather_code": "07",
"sun_begin_end": "06:28|20:17",
"day_weather_pic":
"http://app1.showapi.com/weather/icon/day/07.png",
"weekday": 2,
"night_air_temperature": "15",
"day_air_temperature": "23",
```

```
    "day_wind_direction": "无持续风向",
    "day": "20160705",
    "night_weather_pic":
"http://app1.showapi.com/weather/icon/night/08.png",
    "night_wind_direction": "无持续风向"
  },
  "time": "20160629113000",
  "ret_code": 0,
  "cityInfo": {
    "c6": "yunnan",
    "c5": "丽江",
    "c4": "lijiang",
    "c3": "丽江",
    "c9": "中国",
    "c8": "china",
    "c7": "云南",
    "c17": "+8",
    "c16": "AZ9888",
    "c1": "",
    "c2": "lijiang",
    "c11": "0888",
    "longitude": 100.222,
    "c10": "2",
    "latitude": 26.903,
    "c12": "674100",
    "c15": "2394"
  },
  "now": {
    "aqiDetail": {
      "co": 0.38,
      "so2": 8,
      "area": "丽江",
      "o3": 42,
      "no2": 9,
      "area_code": "lijiang",
      "quality": "优",
      "aqi": 19,
      "pm10": 18,
      "pm2_5": 12,
      "o3_8h": 37,
      "primary_pollutant": ""
    },
    "weather_code": "03",
    "wind_direction": "西北风",
```

```
"temperature_time": "16:01",
"wind_power": "1级",
"aqi": 19,
"sd": "70%",
"weather_pic":
"http://appimg.showapi.com/images/weather/icon/day/03.png",
"weather": "阵雨",
"temperature": "21"
},
"f1": {
  "day_weather": "小雨",
  "night_weather": "小雨",
  "night_weather_code": "07",
  "index": {
    "yh": {
      "title": "较不适宜",
      "desc": "建议尽量不要去室外约会。"
    },
    "ls": {
      "title": "不宜",
      "desc": "降水可能会淋湿衣物, 请选择在室内晾晒。"
    },
    "clothes": {
      "title": "较舒适",
      "desc": "建议穿薄外套或牛仔裤等服装。"
    },
    "dy": {
      "title": "不宜",
      "desc": "天气不好, 不适宜垂钓。"
    },
    "beauty": {
      "title": "保湿",
      "desc": "请选用中性保湿型霜类化妆品。"
    },
    "xq": {
      "title": "较差",
      "desc": "雨水可能会使心绪无端地挂上轻愁。"
    },
    "travel": {
      "title": "适宜",
      "desc": "较弱降水和微风将伴您共赴旅程。"
    },
    "hc": {
      "title": "不适宜",
```

```
    "desc": "天气不好，建议选择别的娱乐方式。"
  },
  "zs": {
    "title": "无",
    "desc": "气温不高，中暑几率极低。"
  },
  "cold": {
    "title": "较易发",
    "desc": "降温幅度较大，预防感冒。"
  },
  "gj": {
    "title": "较适宜",
    "desc": "有降水，逛街需要带雨具。"
  },
  "uv": {
    "title": "最弱",
    "desc": "辐射弱，涂擦 SPF8-12 防晒护肤品。"
  },
  "cl": {
    "title": "较不宜",
    "desc": "室外锻炼请携带雨具。"
  },
  "glass": {
    "title": "不需要",
    "desc": "白天能见度差不需要佩戴太阳镜"
  },
  "wash_car": {
    "title": "不宜",
    "desc": "有雨，雨水和泥水会弄脏爱车。"
  },
  "aqi": {
    "title": "中",
    "desc": "无需特别防护"
  },
  "ac": {
    "title": "较少开启",
    "desc": "体感舒适，不需要开启空调。"
  },
  "mf": {
    "title": "一般",
    "desc": "建议选用防晒滋润型护发品或带遮阳帽。"
  },
  "ag": {
    "title": "极不易发",
```

```
    "desc": "无需担心过敏，可放心外出，享受生活。"
  },
  "pj": {
    "title": "较适宜",
    "desc": "适量的饮用啤酒，注意不要过量。"
  },
  "nl": {
    "title": "较不适宜",
    "desc": "建议夜生活最好在室内进行。"
  },
  "pk": {
    "title": "不宜",
    "desc": "天气不好，不适宜放风筝。"
  }
},
"air_press": "766 hPa",
"jiangshui": "75%",
"night_wind_power": "微风<10m/h",
"day_wind_power": "微风<10m/h",
"day_weather_code": "07",
"sun_begin_end": "06:28|20:17",
"ziwaixian": "最弱",
"day_weather_pic":
"http://app1.showapi.com/weather/icon/day/07.png",
"weekday": 3,
"night_air_temperature": "15",
"day_air_temperature": "22",
"day_wind_direction": "无持续风向",
"day": "20160629",
"night_weather_pic":
"http://app1.showapi.com/weather/icon/night/07.png",
"night_wind_direction": "无持续风向"
},
"f3": {
  "day_weather": "小雨",
  "night_weather": "中雨",
  "night_weather_code": "08",
  "index": {
    "cold": {
      "title": "较易发",
      "desc": "天较凉，增加衣服，注意防护。"
    },
    "clothes": {
      "title": "较舒适",
```

```
    "desc": "建议穿薄外套或牛仔裤等服装。 "
  },
  "uv": {
    "title": "最弱",
    "desc": "辐射弱, 涂擦 SPF8-12 防晒护肤品。 "
  },
  "aqi": {
    "title": "良",
    "desc": "气象条件有利于空气污染物扩散。 "
  },
  "wash_car": {
    "title": "不宜",
    "desc": "有雨, 雨水和泥水会弄脏爱车。 "
  },
  "travel": {
    "title": "较不宜",
    "desc": "有降水, 推荐您在室内进行休闲运动。 "
  }
},
"night_wind_power": "微风<10m/h",
"day_wind_power": "微风<10m/h",
"day_weather_code": "07",
"sun_begin_end": "06:28|20:17",
"day_weather_pic":
"http://app1.showapi.com/weather/icon/day/07.png",
"weekday": 5,
"night_air_temperature": "13",
"day_air_temperature": "21",
"day_wind_direction": "无持续风向",
"day": "20160701",
"night_weather_pic":
"http://app1.showapi.com/weather/icon/night/08.png",
"night_wind_direction": "无持续风向"
},
"f2": {
  "day_weather": "小雨",
  "night_weather": "小雨",
  "night_weather_code": "07",
  "index": {
    "cold": {
      "title": "少发",
      "desc": "无明显降温, 感冒机率较低。 "
    }
  },
  "clothes": {
```

```
    "title": "舒适",
    "desc": "建议穿长袖衬衫单裤等服装。"
  },
  "uv": {
    "title": "最弱",
    "desc": "辐射弱, 涂擦 SPF8-12 防晒护肤品。"
  },
  "aqi": {
    "title": "良",
    "desc": "气象条件有利于空气污染物扩散。"
  },
  "wash_car": {
    "title": "不宜",
    "desc": "有雨, 雨水和泥水会弄脏爱车。"
  },
  "travel": {
    "title": "较不宜",
    "desc": "有降水, 推荐您在室内进行休闲运动。"
  }
},
"night_wind_power": "微风<10m/h",
"day_wind_power": "微风<10m/h",
"day_weather_code": "07",
"sun_begin_end": "06:28|20:17",
"day_weather_pic":
"http://app1.showapi.com/weather/icon/day/07.png",
"weekday": 4,
"night_air_temperature": "16",
"day_air_temperature": "24",
"day_wind_direction": "无持续风向",
"day": "20160630",
"night_weather_pic":
"http://app1.showapi.com/weather/icon/night/07.png",
"night_wind_direction": "无持续风向"
},
"f5": {
  "day_weather": "阴",
  "night_weather": "小雨",
  "night_weather_code": "07",
  "index": {
    "cold": {
      "title": "少发",
      "desc": "无明显降温, 感冒机率较低。"
    }
  }
},
```

```
"clothes": {
  "title": "舒适",
  "desc": "建议穿长袖衬衫单裤等服装。"
},
"uv": {
  "title": "最弱",
  "desc": "辐射弱，涂擦 SPF8-12 防晒护肤品。"
},
"aqi": {
  "title": "较差",
  "desc": "气象条件较不利于空气污染物扩散。。"
},
"wash_car": {
  "title": "不宜",
  "desc": "有雨，雨水和泥水会弄脏爱车。"
},
"travel": {
  "title": "较适宜",
  "desc": "较适宜进行各种户内外运动。"
}
},
"night_wind_power": "微风<10m/h",
"day_wind_power": "微风<10m/h",
"day_weather_code": "02",
"sun_begin_end": "06:28|20:17",
"day_weather_pic":
"http://app1.showapi.com/weather/icon/day/02.png",
"weekday": 7,
"night_air_temperature": "14",
"day_air_temperature": "25",
"day_wind_direction": "无持续风向",
"day": "20160703",
"night_weather_pic":
"http://app1.showapi.com/weather/icon/night/07.png",
"night_wind_direction": "无持续风向"
},
"f4": {
  "day_weather": "小雨",
  "night_weather": "多云",
  "night_weather_code": "01",
  "index": {
    "cold": {
      "title": "较易发",
      "desc": "天较凉，增加衣服，注意防护。"
```



```

    },
    "clothes": {
      "title": "较舒适",
      "desc": "建议穿薄外套或牛仔裤等服装。"
    },
    "uv": {
      "title": "最弱",
      "desc": "辐射弱，涂擦 SPF8-12 防晒护肤品。"
    },
    "aqi": {
      "title": "良",
      "desc": "气象条件有利于空气污染物扩散。"
    },
    "wash_car": {
      "title": "不宜",
      "desc": "有雨，雨水和泥水会弄脏爱车。"
    },
    "travel": {
      "title": "较不宜",
      "desc": "有降水，推荐您在室内进行休闲运动。"
    }
  },
  "night_wind_power": "微风<10m/h",
  "day_wind_power": "微风<10m/h",
  "day_weather_code": "07",
  "sun_begin_end": "06:28|20:17",
  "day_weather_pic":
"http://app1.showapi.com/weather/icon/day/07.png",
  "weekday": 6,
  "night_air_temperature": "15",
  "day_air_temperature": "22",
  "day_wind_direction": "无持续风向",
  "day": "20160702",
  "night_weather_pic":
"http://app1.showapi.com/weather/icon/night/01.png",
  "night_wind_direction": "无持续风向"
}
}
}

```

错误码

错误码	错误信息	描述
HttpCode=200	返回正文 ret_code=0	调用成功，扣费，扣调用次数
HttpCode=555	返回正文 ret_code=-1	不扣费，不扣调用次数

查询 15 天内天气预报

接口信息

调用地址: <http://saweather.market.alicloudapi.com/day15>

请求方式: GET

返回类型: JSON

API 调用: [API 简单身份认证调用方法 \(APPCODE\)](#) [API 签名认证调用方法 \(AppKey & AppSecret\)](#)

获取认证: [AppKey & AppCode](#)

接口参数

请求参数 (Header)

请求参数 (Query)

字段名称	必填	字段详情
area string	N	地区名称 实例值: 丽江
areaCode string	N	地区 code. 此参数和 area 必须二选一输入一个。 实例值: 530700

请求示例

——Java

```
public static void main(String[] args) {
    String host = "http://saweather.market.alicloudapi.com";
    String path = "/day15";
    String method = "GET";
    String appcode = "你自己的 AppCode";
    Map<String, String> headers = new HashMap<String, String>();
    //最后在 header 中的格式(中间是英文空格)为 Authorization:APPCODE
    83359fd73fe94948385f570e3c139105
    headers.put("Authorization", "APPCODE " + appcode);
    Map<String, String> queries = new HashMap<String, String>();
    queries.put("area", "丽江");
    queries.put("areaCode", "530700");
}
```

```

try {
    /**
     * 重要提示如下:
     * HttpUtils 请从
     *
https://github.com/aliyun/api-gateway-demo-sign-java/blob/master/src/main/java/com/aliyun/api/gateway/demo/util/HttpUtils.java
     * 下载
     *
     * 相应的依赖请参照
     *
https://github.com/aliyun/api-gateway-demo-sign-java/blob/master/pom.xml
    */
    HttpResponse response = HttpUtils.doGet(host, path, method,
headers, querys);
    System.out.println(response.toString());
    //获取 response 的 body
    //System.out.println(EntityUtils.toString(response.getEntity
    ()));
} catch (Exception e) {
    e.printStackTrace();
}
}

```

成功响应

```

{
  "showapi_res_code": 0,
  "showapi_res_error": "",
  "showapi_res_body": {
    "ret_code": 0,
    "area": "南安",
    "areaid": "",
    "dayList": [
      {
        "night_weather_code": "01",
        "day_weather": "多云",
        "night_weather": "多云",
        "night_wind_power": "微风",
        "day_wind_power": "微风",
        "day_weather_code": "01",
        "daytime": "20161106",

```

```

        "day_weather_pic":
"http://appimg.showapi.com/images/weather/icon/day/01.png",
        "night_air_temperature": "21",
        "day_air_temperature": "27",
        "day_wind_direction": "无持续风向",
        "night_weather_pic":
"http://appimg.showapi.com/images/weather/icon/night/01.png",
        "night_wind_direction": "北风"
    },
    {
        "night_weather_code": "01",
        "day_weather": "晴",
        "night_weather": "多云",
        "night_wind_power": "3-4级",
        "day_wind_power": "微风",
        "day_weather_code": "00",
        "daytime": "20161107",
        "day_weather_pic":
"http://appimg.showapi.com/images/weather/icon/day/00.png",
        "night_air_temperature": "21",
        "day_air_temperature": "27",
        "day_wind_direction": "无持续风向",
        "night_weather_pic":
"http://appimg.showapi.com/images/weather/icon/night/00.png",
        "night_wind_direction": "北风"
    }
]
}
}
}

```

错误码

错误码	错误信息	描述
HttpCode=200	返回正文 ret_code=0	调用成功, 扣费, 扣调用次数
HttpCode=555	返回正文 ret_code=-1	不扣费, 不扣调用次数