

搜索 POI 接口开发说明

(Ver 1.1)

上海维智卓新信息科技有限公司

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修订记录

修订版本	修订记录	负责人	日期
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1 概述

提供融合定位等接口。协议默认规格有：

- 1、 时间戳为 int64，采用 unix 时间戳（*Unix epoch*），单位为毫秒；
- 2、 字符串都为 UTF8 格式；
- 3、 HTTP Headers: Content-Type 设置为: application/json

鉴权方式：

采用 access_key 的方式，在 URL 的 Query Param 中添加 access_key。

2 POI 搜索接口

2.1 请求参数

定位结果的获取，通过 GET 请求下面的 URL：

`https://api.newwayz.com/location/scenario/v1/placesearch?name={name}&access_key={access_key}&city={city}`

查询 params 参数含义：

参数	类型	必填	说明
access_key	string	是	申请的应用 KEY，访问接口权限
name	string	是	关键字
city	string	是	城市

调用 WAYZ 的 API，需要提前获取 KEY 信息。

2.2 返回参数

返回参数如下：

参数	类型	必须	说明
id	string	是	随机生成定位请求的 UUID
name	string	是	地址层级对应的名称
code	string	否	格式化地址层级对应的代码
type	string	否	查询 POI 类型
distance	number	否	距离,单位公里
relevance	number	否	相关度评分
geoPoint	string	是	地址经纬度

Address 字段如下：

参数	类型	必须	说明
name	string	是	当前定位地址的格式化全称
context	Array<Context>	是	格式化地址的组成部分

Context 字段如下：

参数	类型	必须	说明
code	string	否	格式化地址层级对应的代码
name	string	是	格式化地址层级对应的名称
type	string	是	格式化地址层级对应的类型,可能的值包 括:"Country","Province", "City", "District", "Township", "Road", "Housenumber", "Boundingarea", "Building"

完整返回信息参数如下：

```
[
  {
    "id": "2803128262866239724",
    "geoPoint": "121.449012988018,31.34031107757",
    "type": "Food",
    "name": "花样厨房",
```

```
"code": "310113",
"categories": [
  {
    "id": "30100",
    "name": "餐厅饭店"
  }
],
"address": {
  "name": "上海市上海市宝山区张庙街道",
  "context": [
    {
      "type": "Province",
      "name": "上海市",
      "code": "310000"
    },
    {
      "type": "City",
      "name": "上海市",
      "code": "310000"
    },
    {
      "type": "District",
      "name": "宝山区",
      "code": "310113"
    },
    {
      "type": "Township",
      "name": "张庙街道",
      "code": "310113008"
    }
  ]
},
"relevance": 0.333333,
"distance": 1
},
{
  "id": "2839157066813145091",
  "geoPoint": "121.505684085293,31.1816102630024",
  "type": "Entertainment",
  "name": "冰球花样",
  "code": "310115",
```

```
"categories": [
  {
    "id": "70000",
    "name": "运动休闲"
  }
],
"address": {
  "name": "上海市上海市浦东新区周家渡街道",
  "context": [
    {
      "type": "Province",
      "name": "上海市",
      "code": "310000"
    },
    {
      "type": "City",
      "name": "上海市",
      "code": "310000"
    },
    {
      "type": "District",
      "name": "浦东新区",
      "code": "310115"
    },
    {
      "type": "Township",
      "name": "周家渡街道",
      "code": "310115007"
    }
  ]
},
"relevance": 0.333333,
"distance": 1
},
{
  "id": "2803128263466026127",
  "geoPoint": "121.38644178477,31.3155783918414",
  "type": "Food",
  "name": "花样寿司",
  "code": "310113",
  "categories": [
```

```
{
  "id": "30102",
  "name": "外国餐"
},
"address": {
  "name": "上海市上海市宝山区大场镇聚丰园路 55 号",
  "context": [
    {
      "type": "Province",
      "name": "上海市",
      "code": "310000"
    },
    {
      "type": "City",
      "name": "上海市",
      "code": "310000"
    },
    {
      "type": "District",
      "name": "宝山区",
      "code": "310113"
    },
    {
      "type": "Township",
      "name": "大场镇",
      "code": "310113102"
    },
    {
      "type": "Road",
      "name": "聚丰园路",
      "code": ""
    },
    {
      "type": "HouseNumber",
      "name": "55 号",
      "code": ""
    }
  ]
},
"relevance": 0.333333,
```

```
"distance": 1
},
{
  "id": "2803128280914329638",
  "geoPoint": "121.40048325093,30.9600673309482",
  "type": "Food",
  "name": "花样米饭",
  "code": "310120",
  "categories": [
    {
      "id": "30101",
      "name": "中餐"
    }
  ],
  "address": {
    "name": "上海市上海市奉贤区庄行镇安中路 111 号邬桥社区",
    "context": [
      {
        "type": "Province",
        "name": "上海市",
        "code": "310000"
      },
      {
        "type": "City",
        "name": "上海市",
        "code": "310000"
      },
      {
        "type": "District",
        "name": "奉贤区",
        "code": "310120"
      },
      {
        "type": "Township",
        "name": "庄行镇",
        "code": "310120104"
      },
      {
        "type": "Road",
        "name": "安中路",
        "code": ""
      }
    ]
  }
}
```

```
    },
    {
      "type": "HouseNumber",
      "name": "111 号",
      "code": ""
    },
    {
      "type": "Residential",
      "name": "邬桥社区",
      "code": ""
    }
  ]
},
"relevance": 0.333333,
"distance": 1
},
{
  "id": "2857171451811725330",
  "geoPoint": "121.324846672237,31.1499491607203",
  "type": "Shop",
  "name": "花样女人",
  "code": "310117",
  "categories": [
    {
      "id": "40400",
      "name": "店铺"
    }
  ],
  "address": {
    "name": "上海市上海市松江区九里亭街道涑寅路 113 号",
    "context": [
      {
        "type": "Province",
        "name": "上海市",
        "code": "310000"
      },
      {
        "type": "City",
        "name": "上海市",
        "code": "310000"
      },
    ]
  }
},
```

```
{
  "type": "District",
  "name": "松江区",
  "code": "310117"
},
{
  "type": "Township",
  "name": "九里亭街道",
  "code": "310117006"
},
{
  "type": "Road",
  "name": "涑寅路",
  "code": ""
},
{
  "type": "HouseNumber",
  "name": "113 号",
  "code": ""
}
]
},
"relevance": 0.333333,
"distance": 1
},
{
  "id": "2857171434996760621",
  "geoPoint": "121.244870820659,31.3730421477765",
  "type": "Shop",
  "name": "花样花坊",
  "code": "310114",
  "categories": [
    {
      "id": "40411",
      "name": "鲜花"
    }
  ],
  "address": {
    "name": "上海市上海市嘉定区嘉定镇街道沪宜公路 3638 号 2 幢",
    "context": [
      {
```

```
        "type": "Province",
        "name": "上海市",
        "code": "310000"
    },
    {
        "type": "City",
        "name": "上海市",
        "code": "310000"
    },
    {
        "type": "District",
        "name": "嘉定区",
        "code": "310114"
    },
    {
        "type": "Township",
        "name": "嘉定镇街道",
        "code": "310114004"
    },
    {
        "type": "Road",
        "name": "沪宜公路",
        "code": ""
    },
    {
        "type": "HouseNumber",
        "name": "3638 号",
        "code": ""
    },
    {
        "type": "Building",
        "name": "2 幢",
        "code": ""
    }
]
},
"relevance": 0.333333,
"distance": 1
},
{
    "id": "2803128277205516377",
```

```
"geoPoint": "121.409928519783,31.0434591962633",
"type": "Food",
"name": "花样饼屋",
"code": "310112",
"categories": [
  {
    "id": "30000",
    "name": "餐饮"
  }
],
"address": {
  "name": "上海市上海市闵行区颀桥镇沪闵路 2472 号",
  "context": [
    {
      "type": "Province",
      "name": "上海市",
      "code": "310000"
    },
    {
      "type": "City",
      "name": "上海市",
      "code": "310000"
    },
    {
      "type": "District",
      "name": "闵行区",
      "code": "310112"
    },
    {
      "type": "Township",
      "name": "颀桥镇",
      "code": "310112103"
    },
    {
      "type": "Road",
      "name": "沪闵路",
      "code": ""
    },
    {
      "type": "HouseNumber",
      "name": "2472 号",

```

```
        "code": ""
      }
    ]
  },
  "relevance": 0.333333,
  "distance": 1
},
{
  "id": "2803128277054521370",
  "geoPoint": "121.468588924886,31.0352177079206",
  "type": "Food",
  "name": "花样美脯",
  "code": "310112",
  "categories": [
    {
      "id": "30101",
      "name": "中餐"
    }
  ],
  "address": {
    "name": "上海市上海市闵行区吴泾镇龙吴路 5855 号",
    "context": [
      {
        "type": "Province",
        "name": "上海市",
        "code": "310000"
      },
      {
        "type": "City",
        "name": "上海市",
        "code": "310000"
      },
      {
        "type": "District",
        "name": "闵行区",
        "code": "310112"
      },
      {
        "type": "Township",
        "name": "吴泾镇",
        "code": "310112110"
      }
    ]
  }
}
```

```
    },
    {
      "type": "Road",
      "name": "龙吴路",
      "code": ""
    },
    {
      "type": "HouseNumber",
      "name": "5855 号",
      "code": ""
    }
  ]
},
"relevance": 0.333333,
"distance": 1
},
{
  "id": "3064337037249216516",
  "geoPoint": "121.356295186638,31.2245692732008",
  "type": "Service",
  "name": "花样年地产",
  "code": "310105",
  "categories": [
    {
      "id": "60500",
      "name": "房屋地产"
    }
  ],
  "address": {
    "name": "上海市上海市长宁区新泾镇福泉北路 679 号 2 号楼",
    "context": [
      {
        "type": "Province",
        "name": "上海市",
        "code": "310000"
      },
      {
        "type": "City",
        "name": "上海市",
        "code": "310000"
      },
    ]
  }
},
```

```
{
  "type": "District",
  "name": "长宁区",
  "code": "310105"
},
{
  "type": "Township",
  "name": "新泾镇",
  "code": "310105102"
},
{
  "type": "Road",
  "name": "福泉北路",
  "code": ""
},
{
  "type": "HouseNumber",
  "name": "679 号",
  "code": ""
},
{
  "type": "Building",
  "name": "2 号楼",
  "code": ""
}
]
},
"relevance": 0.25,
"distance": 1
},
{
  "id": "2857171459364619904",
  "geoPoint": "121.366133424841,31.2543352415301",
  "type": "Shop",
  "name": "花样的年华",
  "code": "310114",
  "categories": [
    {
      "id": "40414",
      "name": "化妆品"
    }
  ]
}
```

```
    ],  
    "address": {  
      "name": "上海市上海市嘉定区真新街道",  
      "context": [  
        {  
          "type": "Province",  
          "name": "上海市",  
          "code": "310000"  
        },  
        {  
          "type": "City",  
          "name": "上海市",  
          "code": "310000"  
        },  
        {  
          "type": "District",  
          "name": "嘉定区",  
          "code": "310114"  
        },  
        {  
          "type": "Township",  
          "name": "真新街道",  
          "code": "310114002"  
        }  
      ]  
    },  
    "relevance": 0.25,  
    "distance": 1  
  },  
  {  
    "id": "2704049066416799781",  
    "geoPoint": "121.437085099342,31.1771795836642",  
    "type": "Service",  
    "name": "花样指间 Feel",  
    "code": "310104",  
    "categories": [  
      {  
        "id": "60000",  
        "name": "生活服务"  
      }  
    ]  
  },  
],
```

```
"address": {
  "name": "上海市上海市徐汇区漕河泾街道",
  "context": [
    {
      "type": "Province",
      "name": "上海市",
      "code": "310000"
    },
    {
      "type": "City",
      "name": "上海市",
      "code": "310000"
    },
    {
      "type": "District",
      "name": "徐汇区",
      "code": "310104"
    },
    {
      "type": "Township",
      "name": "漕河泾街道",
      "code": "310104017"
    }
  ]
},
"relevance": 0.25,
"distance": 1
},
{
  "id": "3064337048309596291",
  "geoPoint": "121.465173203114,31.2052123263726",
  "type": "Service",
  "name": "花样制造所",
  "code": "310101",
  "categories": [
    {
      "id": "62200",
      "name": "快照摄影"
    }
  ]
},
"address": {
```

```
"name": "上海市上海市黄浦区打浦桥街道建国西路 91 弄 5 号",
"context": [
  {
    "type": "Province",
    "name": "上海市",
    "code": "310000"
  },
  {
    "type": "City",
    "name": "上海市",
    "code": "310000"
  },
  {
    "type": "District",
    "name": "黄浦区",
    "code": "310101"
  },
  {
    "type": "Township",
    "name": "打浦桥街道",
    "code": "310101021"
  },
  {
    "type": "Road",
    "name": "建国西路",
    "code": ""
  },
  {
    "type": "HouseNumber",
    "name": "91 弄",
    "code": ""
  },
  {
    "type": "Building",
    "name": "5 号",
    "code": ""
  }
]
},
"relevance": 0.25,
"distance": 1
```

```
},
{
  "id": "2857171459991667000",
  "geoPoint": "121.484505616085,31.2127338457815",
  "type": "Shop",
  "name": "charmshow 花样轮滑",
  "code": "310101",
  "categories": [
    {
      "id": "40405",
      "name": "体育运动"
    }
  ],
  "address": {
    "name": "上海市上海市黄浦区老西门街道 4 号",
    "context": [
      {
        "type": "Province",
        "name": "上海市",
        "code": "310000"
      },
      {
        "type": "City",
        "name": "上海市",
        "code": "310000"
      },
      {
        "type": "District",
        "name": "黄浦区",
        "code": "310101"
      },
      {
        "type": "Township",
        "name": "老西门街道",
        "code": "310101019"
      },
      {
        "type": "HouseNumber",
        "name": "4 号",
        "code": ""
      }
    ]
  }
}
```

```
    ]
  },
  "relevance": 0.25,
  "distance": 1
},
{
  "id": "2803128263705100292",
  "geoPoint": "121.392333196185,31.2627944804073",
  "type": "Food",
  "name": "熊觅花样好食",
  "code": "310107",
  "categories": [
    {
      "id": "30101",
      "name": "中餐"
    }
  ],
  "address": {
    "name": "上海市上海市普陀区真如镇街道",
    "context": [
      {
        "type": "Province",
        "name": "上海市",
        "code": "310000"
      },
      {
        "type": "City",
        "name": "上海市",
        "code": "310000"
      },
      {
        "type": "District",
        "name": "普陀区",
        "code": "310107"
      },
      {
        "type": "Township",
        "name": "真如镇街道",
        "code": "310107022"
      }
    ]
  }
}
```

```
    },  
    "relevance": 0.25,  
    "distance": 1  
  },  
  {  
    "id": "2803128263898038300",  
    "geoPoint": "121.389279676475,31.2504078077968",  
    "type": "Food",  
    "name": "熊觅花样好食",  
    "code": "310107",  
    "categories": [  
      {  
        "id": "30000",  
        "name": "餐饮"  
      }  
    ],  
    "address": {  
      "name": "上海市上海市普陀区真如镇街道",  
      "context": [  
        {  
          "type": "Province",  
          "name": "上海市",  
          "code": "310000"  
        },  
        {  
          "type": "City",  
          "name": "上海市",  
          "code": "310000"  
        },  
        {  
          "type": "District",  
          "name": "普陀区",  
          "code": "310107"  
        },  
        {  
          "type": "Township",  
          "name": "真如镇街道",  
          "code": "310107022"  
        }  
      ]  
    },  
  },  
}
```

```
"relevance": 0.25,  
"distance": 1  
}  
]
```

2.3 报错信息

错误参数	说明
400	参数异常
401	API 密钥认证失败
403	Appkey 权限异常
429	请求次数超额
500	服务器异常

400 报错信息:

```
{  
  "code": "400",  
  "message": "no refdata provided"  
}
```

401 报错信息:

```
{  
  "message": "No API key found in request"  
}
```

403 报错信息:

```
{  
  "code": "403",  
  "message": "Access key forbidden"  
}
```

3 Address Model 级别说明

Level	Field Type	Description	示例说明
1	Country	国家	中国
2	Province/State	省	河北省、北京市
3	City	市	宁波市
4	District	区县	北京市朝阳区
5	Township	乡镇, 街道	回龙观镇
6	Neighborhood	村庄, 居委, 乡	三元村
9	Road	道路	上海市浦东新区金科路
11	HouseNumber	门牌号	朝阳区阜通东大街 6 号
13	Building	建筑	炬芯研发大楼 A 幢