
rgcbatch服务用户手册

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1 综述

批量逆地理编码服务，根据用户指定的多个坐标，得到指定点对应的地理信息。接口URL 符合公式：`[WEBNAME]/[服务名称]?st=[子服务名称][&[参数名称]=[参数数值]]*`。URL 编码采用的字符编码为utf-8。

URL 示例：

[http://\[SERVER\]:\[PORT\]/rgcbatch?points=119.3,30.0;116.7,39.6;117.2,32.4&uid=test&cd=wgs84](http://[SERVER]:[PORT]/rgcbatch?points=119.3,30.0;116.7,39.6;117.2,32.4&uid=test&cd=wgs84)

2 rgcbatch

2.1 描述

批量的进行逆地址编码转换。

2.2 参数

参数名称	含义	必有	默认	错误处理	备注
points	要查询的点坐标集合	是	无	无	经纬度输入采用度为单位，为浮点数。经度与纬度之间使用逗号分隔。多个经纬度之间用分号隔开。
cd	输入坐标的类型	否	gcj02	无	取值gcj02、wgs84
output	输出模式	否	xml	使用默认	支持xml、json 结果输出。取默认值xml
callback	回调函数名	否	无		output=xml 时，该参数无效。callback 输出结果示例，假设callback=aaa:aaa&&aaa(json的
encoding	编码	否	无	如果输入非法，	支持的输出字符编码分别是utf8、gbk。默认为utf8 编码

2.3 返回错误信息说明：

报错信息	含义
参数错误:NaN	经纬度坐标为119,NaN ;NaN ,26 ;NaN ,NaN就会出现这样的错误信息
不合理的请求:位置超界	经纬度坐标为12,12就会出现这样的错误信息

2.4 示例

(1)[http://\[SERVER\]:\[PORT\]/rgcbatch?points=119.3,30.0;116.7,39.6;117.2,32.4&uid=test&cd=wgs84](http://[SERVER]:[PORT]/rgcbatch?points=119.3,30.0;116.7,39.6;117.2,32.4&uid=test&cd=wgs84)

描述：查询点119.3,30.0;116.7,39.6;117.2,32.4（输入的坐标为wgs84）对应的地理信息

XML 输出：

```
<?xml version="1.0" encoding="utf-8"?>
<xml>
  <result>
    <count>3</count>
    <item>
      <road_address>北 290 米</road_address>
      <district_text>浙江省&gt;杭州市&gt;桐庐县</district_text>
      <road>
        <urban>0</urban>
        <distance>290</distance>
        <lanenumber>一条车道</lanenumber>
        <width>(5.5 米~13 米]</width>
        <limit_speed>15.0</limit_speed>
        <name/>
        <roadtype>无属性</roadtype>
        <lng>119.29505</lng>
        <lat>29.99983</lat>
        <road_level>其他道路</road_level>
      </road>
      <district>330122000</district>
    </item>
    <item>
      <road_address>西北 211 米</road_address>
      <district_text>北京市&gt;北京市&gt;大兴区</district_text>
      <road>
        <urban>0</urban>
        <distance>211</distance>
        <lanenumber>一条车道</lanenumber>
        <width>(5.5 米~13 米]</width>
        <limit_speed>15.0</limit_speed>
        <name/>
        <roadtype>无属性</roadtype>
        <lng>116.69542</lng>
        <lat>39.59728</lat>
```

```
<road_level>其他道路</road_level>
</road>
<district>110115000</district>
</item>
<item>
  <road_address>北 752 米</road_address>
  <district_text>安徽省>合肥市>长丰县</district_text>
  <road>
    <urban>0</urban>
    <distance>752</distance>
    <lanenumber>一条车道</lanenumber>
    <width>(5.5 米~13 米]</width>
    <limit_speed>15.0</limit_speed>
    <name/>
    <roadtype>无属性</roadtype>
    <lng>117.19448</lng>
    <lat>32.39529</lat>
    <road_level>其他道路</road_level>
  </road>
  <district>340121000</district>
</item>
</result>
<status>ok</status>
</xml>
```

JSON 输出:

```
{"result":{"count":3,"item":[{"road_address":"北 290 米",
"district_text":"浙江省>杭州市>桐庐县",
"road":{"urban":"0","distance":290,"lanenumber":"一条车道",
"width":"(5.5 米~13 米]","limit_speed":"15.0","name":"","roadtype":"无属性",
"lng":"119.29505","lat":"29.99983","road_level":"其他道路"},
"district":"330122000"}, {"road_address":"西北 211 米",
"district_text":"北京市>北京市>大兴区",
"road":{"urban":"0","distance":211,"lanenumber":"一条车道",
"width":"(5.5 米~13 米]","limit_speed":"15.0","name":"","roadtype":"无属性",
"lng":"116.69542","lat":"39.59728","road_level":"其他道路"},
"district":"110115000"}, {"road_address":"北 752 米",
"district_text":"安徽省>合肥市>长丰县",
"road":{"urban":"0","distance":752,"lanenumber":"一条车道",
"width":"(5.5 米~13 米]","limit_speed":"15.0","name":"","roadtype":"无属性",
"lng":"117.19448","lat":"32.39529","road_level":"其他道路"},
"district":"340121000"}]}, "status":"ok"}
```

(2)[http://\[SERVER\]:\[PORT\]/rgcbatch?points=119.3,30.0;116.7,39.6;117.2,32.4&uid=test&cd=gcj02](http://[SERVER]:[PORT]/rgcbatch?points=119.3,30.0;116.7,39.6;117.2,32.4&uid=test&cd=gcj02)

描述：查询点119.3,30.0;116.7,39.6;117.2,32.4（输入的坐标为gcj02坐标）对应的地理信息

XML输出：

```
<?xml version="1.0" encoding="utf-8"?>
<xml>
  <result>
    <count>3</count>
    <item>
      <road_address>东北 468 米</road_address>
      <district_text>浙江省>杭州市>临安市</district_text>
      <road>
        <urban>0</urban>
        <distance>468</distance>
        <lanenumber>一条车道</lanenumber>
        <width>(5.5 米~13 米]</width>
        <limit_speed>15.0</limit_speed>
        <name/>
        <roadtype>无属性</roadtype>
        <lng>119.29587</lng>
        <lat>29.99778</lat>
        <road_level>其他道路</road_level>
      </road>
      <district>330185000</district>
    </item>
    <item>
      <road_address>南 243 米</road_address>
      <district_text>北京市>北京市>大兴区</district_text>
      <road>
        <urban>0</urban>
        <distance>243</distance>
        <lanenumber>一条车道</lanenumber>
        <width>(5.5 米~13 米]</width>
        <limit_speed>40.0</limit_speed>
        <name/>
        <roadtype>无属性</roadtype>
        <lng>116.69968</lng>
        <lat>39.60218</lat>
        <road_level>乡镇村道</road_level>
      </road>
      <district>110115000</district>
```

```
</item>
<item>
  <road_address>东北 737 米</road_address>
  <district_text>安徽省&gt;合肥市&gt;长丰县</district_text>
  <road>
    <urban>0</urban>
    <distance>737</distance>
    <lanenumber>一条车道</lanenumber>
    <width>(5.5 米~13 米]</width>
    <limit_speed>15.0</limit_speed>
    <name/>
    <roadtype>无属性</roadtype>
    <lng>117.19448</lng>
    <lat>32.39529</lat>
    <road_level>其他道路</road_level>
  </road>
  <district>340121000</district>
</item>
</result>
<status>ok</status>
</xml>
```

JSON输出:

```
{"result":{"count":3,"item":[{"road_address":"东北 468 米",
"district_text":"浙江省>杭州市>临安市",
"road":{"urban":"0","distance":468,"lanenumber":"一条车道",
"width":"(5.5 米~13 米]","limit_speed":"15.0","name":"","roadtype":"无属性",
"lng":"119.29587","lat":"29.99778","road_level":"其他道路"},
"district":"330185000"}, {"road_address":"南 243 米",
"district_text":"北京市>北京市>大兴区",
"road":{"urban":"0","distance":243,"lanenumber":"一条车道",
"width":"(5.5 米~13 米]","limit_speed":"40.0","name":"","roadtype":"无属性",
"lng":"116.69968","lat":"39.60218","road_level":"乡镇村道"},
"district":"110115000"}, {"road_address":"东北 737 米",
"district_text":"安徽省>合肥市>长丰县",
"road":{"urban":"0","distance":737,"lanenumber":"一条车道",
"width":"(5.5 米~13 米]","limit_speed":"15.0","name":"","roadtype":"无属性",
"lng":"117.19448","lat":"32.39529","road_level":"其他道路"},
"district":"340121000"}]}},"status":"ok"}
```