
SE_RS服务用户手册

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1 综述

道路搜索服务，根据用户指定的道路名称，得到指定道路对应的道路空间几何数据。返回的道路信息为行政区划编码和道路空间几何数据(geojson格式)。

接口 URL 符合公式：`[WEBNAME]/[服务名称]?name=[道路名称]&city=[城市名称]&uid=[uid]`。URL 编码采用的字符编码为 utf-8。

URL 示例：

`http://[SERVER]:[PORT]/SE_RS?name=上地四街&city=北京&uid=test`

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2.1 参数

参数名称	含义	必有	默认	错误处理	备注
name	道路名称	是	无		取值为要查询的道路名称
city	所在城市名称	否	无	不输入此参数默认全国范围	取值为要查询道路名称所在的城市
output	输出模式	否	xml	使用默认值 xml	支持 xml、json 结果输出。取默认值 xml

2.2 示例

http://[SERVER]:[PORT]/SE_RS?name=上地四街&city=北京&uid=test

描述：查询道路北京的上地四街对应的道路信息。

XML 输出

```
▼ <xml>
  ▼ <result>
    <name>上地四街</name>
    <admincode>110000</admincode>
    ▼ <roads>
      <admincode>110108</admincode>
      ▼ <geom>
        {"type": "LineString", "coordinates": [[116.30946, 40.0383], [116.30962, 40.03835]]}
      </geom>
    </roads>
    ▼ <roads>
      <admincode>110108</admincode>
      ▼ <geom>
        {"type": "LineString", "coordinates": [[116.30773, 40.03787], [116.30763, 40.03784]]}
      </geom>
    </roads>
    ▼ <roads>
      <admincode>110108</admincode>
      ▼ <geom>
        {"type": "LineString", "coordinates": [[116.30737, 40.03777], [116.30607, 40.03743]]}
      </geom>
    </roads>
    ▼ <roads>
      <admincode>110108</admincode>
      ▼ <geom>
        {"type": "LineString", "coordinates": [[116.30899, 40.03819], [116.30894, 40.03818]]}
      </geom>
    </roads>
    ▼ <roads>
      <admincode>110108</admincode>
      ▼ <geom>
        {"type": "LineString", "coordinates": [[116.30946, 40.0383], [116.30899, 40.03819]]}
      </geom>
    </roads>
  </result>
</xml>
```

JSON 输出

```
{
- result: {
  name: "上地四街",
  admincode: "110000",
  - roads: [
    - {
      admincode: "110108",
      geom: "{\"type\":\"LineString\",\"coordinates\":[[116.30946,40.0383],[116.30962,40.03835]]}"
    },
    - {
      admincode: "110108",
      geom: "{\"type\":\"LineString\",\"coordinates\":[[116.30773,40.03787],[116.30763,40.03784]]}"
    },
    - {
      admincode: "110108",
      geom: "{\"type\":\"LineString\",\"coordinates\":[[116.30737,40.03777],[116.30607,40.03743]]}"
    },
    - {
      admincode: "110108",
      geom: "{\"type\":\"LineString\",\"coordinates\":[[116.30899,40.03819],[116.30894,40.03818]]}"
    },
    - {
      admincode: "110108",
      geom: "{\"type\":\"LineString\",\"coordinates\":[[116.30946,40.0383],[116.30899,40.03819]]}"
    },
    - {
      admincode: "110108",
      geom: "{\"type\":\"LineString\",\"coordinates\":[[116.31072,40.03872],[116.30962,40.03835]]}"
    },
    - {
      admincode: "110108",
      geom: "{\"type\":\"LineString\",\"coordinates\":[[116.3123,40.03928],[116.31208,40.0392]]}"
    },
    - {
      admincode: "110108",
      geom: "{\"type\":\"LineString\",\"coordinates\":[[116.31124,40.03889],[116.31072,40.03872]]}"
    },
  ]
}
```