

SuperMap iClient for Leaflet

Attribute Query

SuperMap Software Co., Ltd.

Query Introduction

- Map query
 - Perform various types of query on data in the map
 - SQL query (attribute query), bounds query, distance query, geometry query
- Data query
 - Perform various types of query on the dataset
 - SQL query, buffer query, ID query, geometry query

SQL Query

- Main interfaces
 - Query service `L.supermap.queryService`
 - Query parameters `SuperMap.QueryBySQLParameters`
 - Query method `queryBySQL`

SQL Query

- Instantiation the function service class object (*Service object)

```
L.supermap.queryService(url). queryBySQL(param,function(result){  
    //doSomething  })
```

url: service access address.

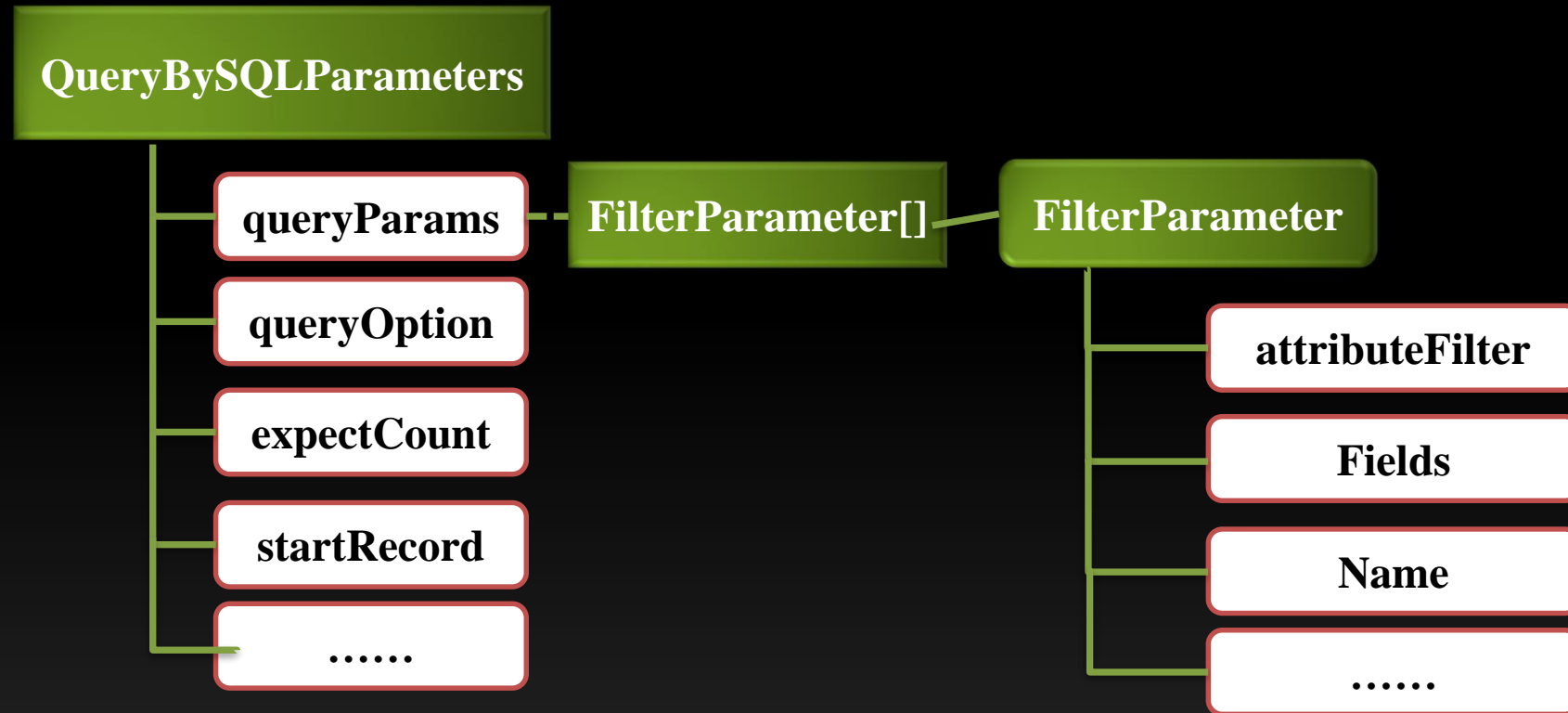
SQL Query

- Description about url
 - The url is the access address of the REST service provided by iServer
 - The url addresses required for the instantiation of different function service objects are different

| Function types | url content |
|--|---|
| Map related functions such as measurement, map query, thematic maps, etc. | Map service address, such as var url = "http://localhost:8090/iserver/services/map-world/rest/maps/World Map"; |
| Data editing | Data editing service address, such as var url_edit = "http://localhost:8090/iserver/services/data-jingjin/rest/data/datasources/name/Jingjin/datasets/name/Landuse_R" |
| Data query | Data query service address, such as var url="http://localhost:8090/iserver/services/data-jingjin/rest/data" |
| Network analysis functions such as path analysis, close st facility analysis, etc. | Transportation network analysis service address, such as var findPathUrl = "http://localhost:8090/iserver/services/transportationanalyst-sample/rest/networkanalyst/RoadNet@Changchun"; |

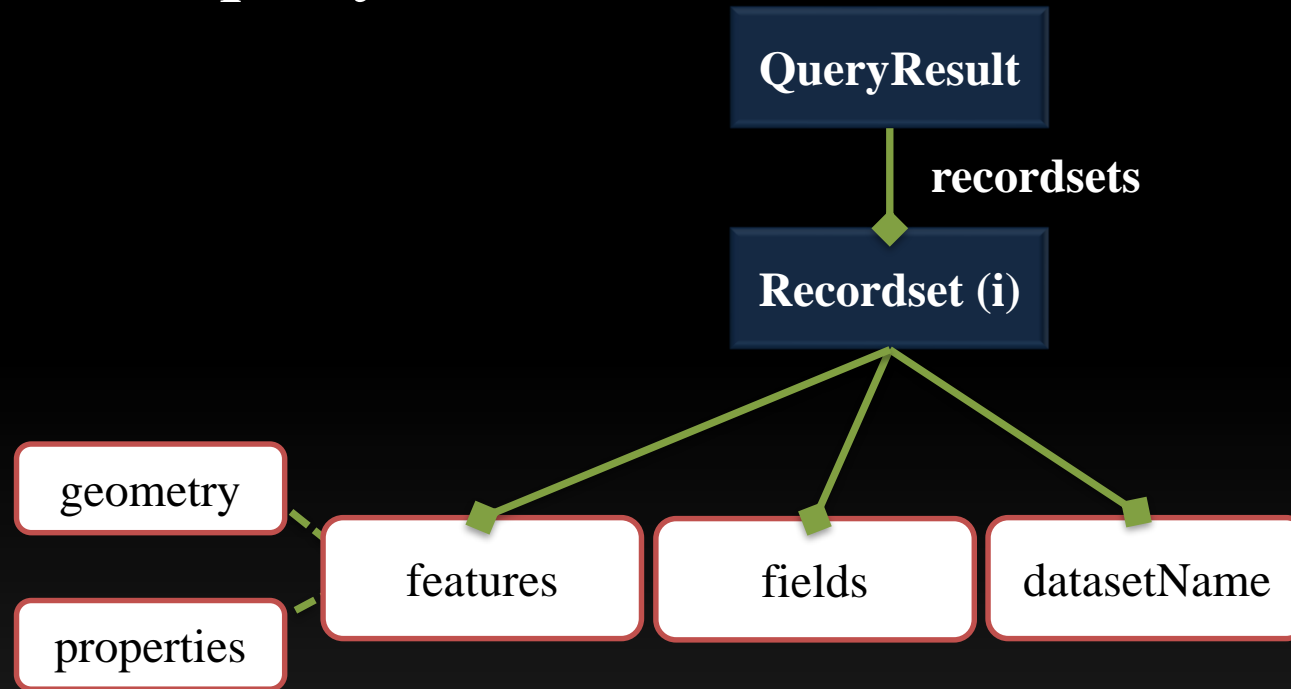
SQL Query

- SuperMap.QueryBySQLParameters structure



SQL Query

- Structure of the query result



SQL Query Sample

- Perform SQL query
 - Service address: <http://localhost:8090/iserver/services/map-world/rest/maps/World>
 - Query layer: Countries@World
 - Query condition: `smid < 2`

SuperMap 北京超图

SuperMap Software Co., Ltd.

Thank you

SuperMap Software Co., Ltd.

