

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.

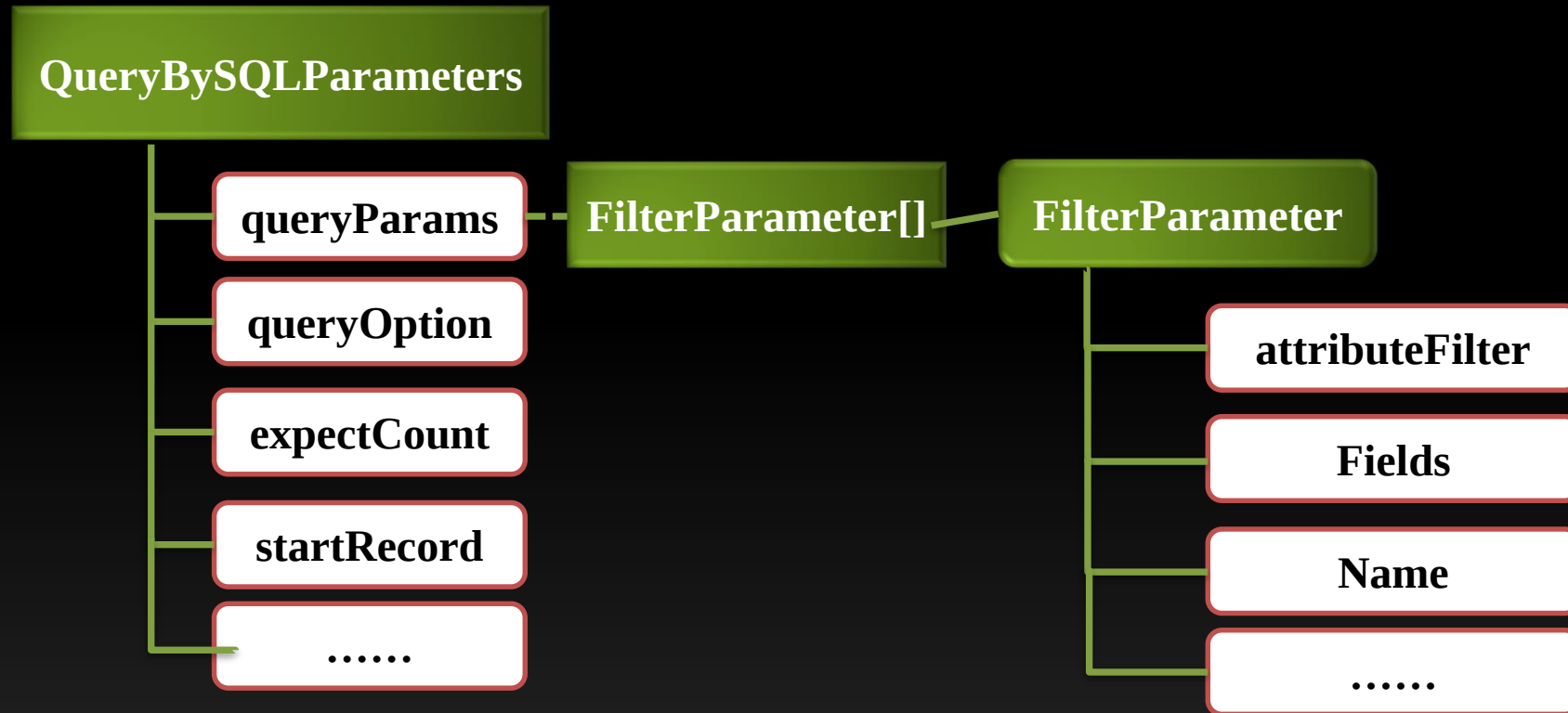
SQL Query

- 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";

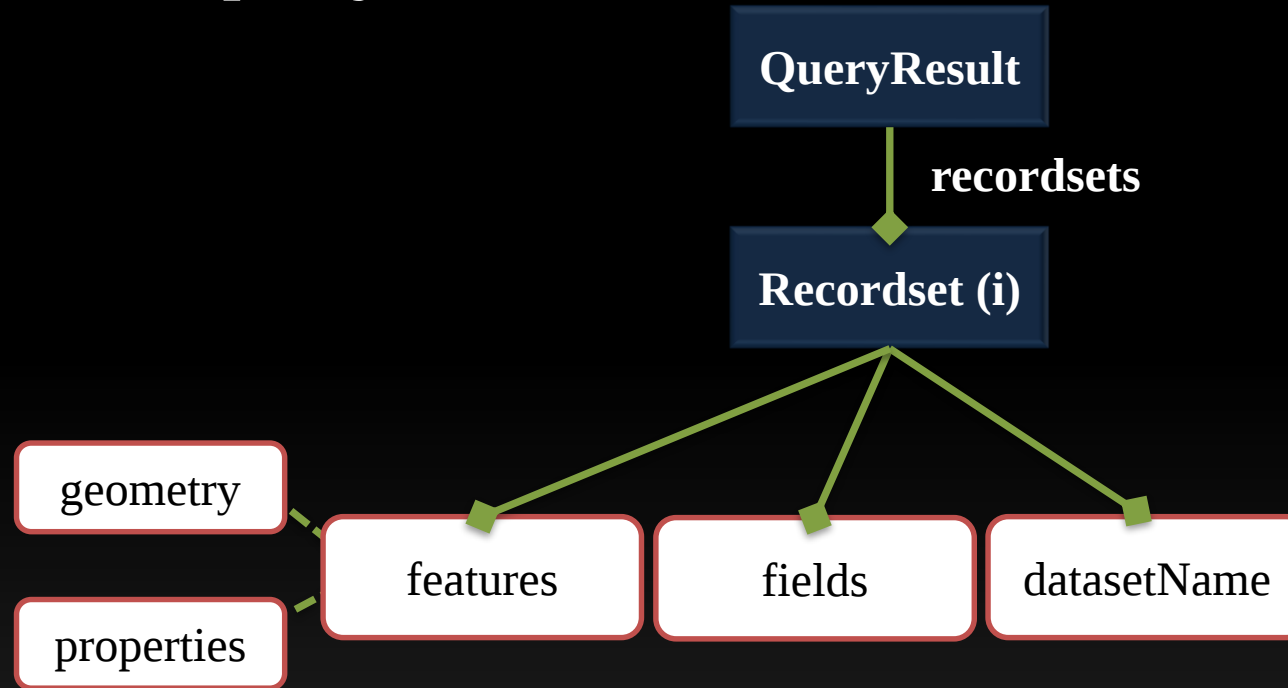
SQL Query

- 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: $\text{smid} < 2$

Thank you

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