

# iOS 地图SDK 5.1.3 ChangeLog

2023-07-03 19:07

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# iOS 地图SDK 5.1.3 ChangeLog

## 一 综述

iOS 地图SDK 5.1.3 主要将物流行业对于地图和检索所需要的能力进行增强。

## 二 地图

### 2.1 【新增】标注新增 手势点击回调

QMapViewDelegate

```
1  /**
2   * @brief 当annotation view时被手势单击后，调用此接口
3   * @param mapView 地图View
4   * @param view 被单击的annotation view
5   */
6  - (void)mapView:(QMapView *)mapView didAnnotationViewTapped:(QAnnotationView *)view;
```

### 2.2 【新增】Overlay开放 与POI/道路名的碰撞开关

QPolylineView/QTexturePolylineView

```
1  /**
2   * @brief 当与底图上的POI/道路名 相交时，是否将其碰撞掉。默认为NO（碰撞掉）
3   */
4  @property(n nonatomic, assign) BOOL disableCollideLabel;
```

弧线 QArcView

```
1  /**
2   * @brief 当与底图上的POI/道路名 相交时，是否将其碰撞掉。默认为NO（碰撞掉）
3   */
4  @property(n nonatomic, assign) BOOL disableCollideLabel;
```

### 2.3 【新增】QAnnotationView 新增 innerMarkerView

```
1  QAnnotationView.h
2  @property (nonatomic, strong, readonly) UIImageView *innerImageView;
```

### 2.4 【新增】提供点击出marker之后再次点击marker交互能力

```

1  /**
2   * @brief 当annotation view时被手势单击后, 调用此接口
3   * @param mapView 地图View
4   * @param view 被单击的annotation view
5   */
6   - (void)mapView:(QMapView *)mapView didAnnotationViewTapped:(QAnnotationView *)view;

```

## 2.5 【修复】修复定位标旋转角度会自动指向北

# 三 检索

## 3.1 【新增】检索QMSSuggestionPoiData补充district字段

```

1  @interface QMSSuggestionPoiData : QMSBaseResult
2
3  /*!
4   * @brief 区/县, 当type (POI类型) 为3 (公交线路) 时, district由city补全
5   */
6  @property (nonatomic, copy) NSString *district;
7
8  @end

```

## 3.2 【新增】逆地址解析检索入参增加QMSAddressComponent的street\_number结果控制项

新增入参

```

1  QMSSearchOptionTypes.h
2  /**
3   * @brief 门牌格式
4   */
5  typedef NS_ENUM (NSInteger, QMSStreetNumberFormat){
6      QMSStreetNumberFormatJoined = 0,          ///< 拼接, 街道名+号码。(默认: 例: 北四环西路66号)
7      QMSStreetNumberFormatPlateNumberOnly,      ///< 不拼接, 只有号码。如: 66号
8
9  };
10
11  @interface QMSReverseGeoCodeSearchOption : QMSSearchOption
12
13  /*!
14   * @brief 控制返回street_number要不要拼上路名
15   *
16   * 默认值: QMSStreetNumberFormatJoined
17   * 具体见 QMSStreetNumberFormat
18   */
19  @property (nonatomic, assign) QMSStreetNumberFormat street_number_format;
20
21 @end

```

受影响输出结果

```

1  /*!
2   * @brief 检索地址部件
3   */
4  @interface QMSAddressComponent : QMSBaseResult
5
6  /*!
7   * @brief 门牌(可能为空)
8   */
9
10  @property (nonatomic, nullable, copy) NSString *street_number;
11
12 @end

```

### 3.3 【新增】逆地址解析返回结果QMSReGeoCodeFormattedAddresses新增standard\_address

```

1  /*!
2  * @brief 优化格式后的地址描述
3  */
4  @interface QMSReGeoCodeFormattedAddresses : QMSBaseResult
5
6  /*!
7  * @brief 标准地址
8  */
9  @property (nonatomic, nullable, copy) NSString *standard_address;
10
11 @end

```

### 3.4 【修改】适配Swift, 为可能为空属性增加nullable

#### a. POI检索模块

```

1  @interface QMSPoiSearchResult : QMSSearchResult
2  /*!
3  * @brief 子地点列表, 仅在输入参数get_subpois=1时返回. 每项为一个POI(QMSPoiSubData)对象
4  */
5  @property (nonatomic, nullable, strong) NSArray <QMSPoiSubData *> *sub_pois;
6  @end

```

#### b. 关键词提示

```

1  @interface QMSuggestionPoiData : QMSBaseResult
2
3  /*!
4   * @brief POI分类编码, 需在额外字段added_fields中填入category_code
5   */
6  @property (nonatomic, nullable, copy) NSString *category_code;
7
8  @end
9
10 @interface QMSuggestionSubPoiData : QMSBaseResult
11
12 @property (nonatomic, nullable, copy) NSString *category_code;
13
14 @end
15
16 @interface QMSuggestionResult : QMSSearchResult
17
18 /*!
19  * @brief 子地点列表, 仅在输入参数get_subpois=1时返回. 每项为一个
20  POI(QMSuggestionSubPoiData)对象
21  */
22 @property (nonatomic, nullable, copy) NSArray <QMSuggestionSubPoiData *> *sub_pois;
23 @end

```

### c.逆地址解析

```
1  @interface QMSReGeoCodeFormattedAddresses : QMSBaseResult
2
3  /*!
4   * @brief  经过腾讯地图优化过的描述方式, 更具人性化特点
5   */
6  @property (nonatomic, nullable, copy) NSString *recommend;
7
8  /*!
9   * @brief  大致位置, 可用于对位置的粗略描述
10  */
11  @property (nonatomic, nullable, copy) NSString *rough;
12
13  @end
14
15  @interface QMSAddressComponent : QMSBaseResult
16
17  /*!
18   * @brief  国家
19   */
20  @property (nonatomic, nullable, copy) NSString *nation;
21
22  /*!
23   * @brief  区(可能为空)
24   */
25  @property (nonatomic, nullable, copy) NSString *district;
26
27  /*!
28   * @brief  街道(可能为空)
29   */
30  @property (nonatomic, nullable, copy) NSString *street;
31
32  /*!
33   * @brief  门牌(可能为空)
34   */
35  @property (nonatomic, nullable, copy) NSString *street_number;
36
37  @end
38
39  @interface QMSReGeoCodeAdInfo : QMSBaseResult
40
41  /*!
42   * @brief  区 / 县级市 及同级行政区划(可能为空)
43   */
44  @property (nonatomic, nullable, copy) NSString *district;
45
46  /*!
```



```
47     * @brief    电话区号
48     */
49     @property (nonatomic, nullable, copy) NSString *phone_area_code;
50
51 @end
52
53 @interface QMSReGeoCodeFamousArea : QMSBaseResult
54
55 /*!
56  * @brief  名称/标题
57  */
58 @property (nonatomic, nullable, copy) NSString *title;
59
60 /*!
61  * @brief  此参考位置到输入坐标的方位关系, 如: 北、南、内
62  */
63 @property (nonatomic, nullable, copy) NSString *_dir_desc;
64
65 @end
66
67 @interface QMSReGeoCodeAddressReference : QMSBaseResult
68
69 /*!
70  * @brief  知名区域, 如商圈或人们普遍认为有较高知名度的区域
71  */
72 @property (nonatomic, nullable, strong) QMSReGeoCodeFamousArea *famous_area;
73
74 /*!
75  * @brief  一级地标, 可识别性较强、规模较大的地点、小区等
76     【注】对象结构同 famous_area
77  */
78 @property (nonatomic, nullable, strong) QMSReGeoCodeFamousArea *landmark_l1;
79
80 /*!
81  * @brief  二级地标, 较一级地标更为精确, 规模更小
82     【注】: 对象结构同 famous_area
83  */
84 @property (nonatomic, nullable, strong) QMSReGeoCodeFamousArea *landmark_l2;
85
86 /*!
87  * @brief  乡镇街道     【注】: 对象结构同 famous_area
88  */
89 @property (nonatomic, nullable, strong) QMSReGeoCodeFamousArea *town;
90
91 /*!
92  * @brief  街道     【注】: 对象结构同 famous_area
93  */
```

```

94  @property (nonatomic, nullable, strong) QMSReGeoCodeFamousArea *street;
95
96  /*!
97  * @brief 门牌      【注】：对象结构同 famous_area
98  */
99  @property (nonatomic, nullable, strong) QMSReGeoCodeFamousArea *street_number;
100
101  /*!
102  * @brief 水系      【注】：对象结构同 famous_area
103  */
104  @property (nonatomic, nullable, strong) QMSReGeoCodeFamousArea *water;
105
106  /*!
107  * @brief 交叉路口      【注】：对象结构同 famous_area
108  */
109  @property (nonatomic, nullable, strong) QMSReGeoCodeFamousArea *crossroad;
110
111  /*!
112  * @brief 商圈      【注】：目前与famous_area一致
113  */
114  @property (nonatomic, nullable, strong) QMSReGeoCodeFamousArea *business_area;
115
116  /*!
117  * @brief 海洋信息      【注】：对象结构同 famous_area
118  */
119  @property (nonatomic, nullable, strong) QMSReGeoCodeFamousArea *ocean;
120
121  @end
122
123  @interface QMSReGeoCodePoiAdInfo : QMSBaseResult
124
125  @property (nonatomic, nullable, copy) NSString *province;
126
127  @property (nonatomic, nullable, copy) NSString *district;
128
129  @end
130
131  @interface QMSReGeoCodePoi : QMSBaseResult
132
133  /*!
134  * @brief POI唯一标识
135  */
136  @property (nonatomic, nullable, copy) NSString *id_;
137
138  /*!
139  * @brief poi名称
140  */

```

```

141 @property (nonatomic, nullable, copy) NSString *title;
142
143 /*!
144 * @brief 地址
145 */
146 @property (nonatomic, nullable, copy) NSString *address;
147
148 /*!
149 * @brief POI分类
150 */
151 @property (nonatomic, nullable, copy) NSString *category;
152
153 /*!
154 * @brief 行政区划信息
155 */
156 @property (nonatomic, nullable) QMSReGeoCodePoiAdInfo *ad_info;
157
158 /*!
159 * @brief 逆地址解析传入的坐标的相对方位描述
160 */
161 @property (nonatomic, nullable, copy) NSString *_dir_desc;
162
163 @end
164
165 @interface QMSReverseGeoCodeSearchResult : QMSSearchResult
166
167 @property (nonatomic, nullable, strong) QMSReGeoCodeFormattedAddresses *formatted_addresses;
168
169 @property (nonatomic, nullable, strong) QMSReGeoCodeAddressReference *address_reference;
170
171 @property (nonatomic, nullable, strong) NSArray <QMSReGeoCodePoi *> *poisArray;
172
173 @end

```

#### d. 路线规划

```

1  @interface QMSTrafficCondition : QMSBaseResult
2
3  @property (nonatomic, nullable, strong) NSArray <NSNumber *> *polyline_idx;
4
5  @end
6
7  @interface QMSRouteWayPoint : QMSBaseResult
8
9  @property (nonatomic, nullable, copy) NSString *title;
10
11 @end
12
13 @interface QMSRoutePlan : QMSBaseResult
14
15 @property (nonatomic, nullable, copy) NSString *direction;
16
17 @property (nonatomic, nullable, strong) QMSDriveRestriction *restriction;
18
19 @property (nonatomic, nullable, strong) QMSTaxiFare *taxi_fare;
20
21 @property (nonatomic, nullable, copy) NSArray <NSString *> *tags;
22
23 @property (nonatomic, nullable, copy) NSArray <QMSTrafficCondition *> *speed;
24
25 @property (nonatomic, nullable, copy) NSArray <QMSRouteWayPoint *> *waypoints;
26
27 @property (nonatomic, nullable, copy) NSArray <QMSRoutePlanCityInfo *> *cities;
28
29 @end
30
31 @interface QMSRouteStep : QMSBaseResult
32
33 @property (nonatomic, nullable, copy) NSArray <QMSRouteStep *> *steps;
34
35 @property (nonatomic, nullable, copy) NSString *road_name;
36
37 @property (nonatomic, nullable, copy) NSString *dir_desc;
38
39 @property (nonatomic, nullable, copy) NSString *act_desc;
40
41 @property (nonatomic, nullable, copy) NSString *accessorial_desc;
42
43 @end

```

#### e.货车路线规划

```

1  @interface QMSTruckingRouteStep : QMSBaseResult
2
3  @property (nonatomic, nullable, copy) NSString *instruction;
4
5  @property (nonatomic, nullable, copy) NSString *road_name;
6
7  @property (nonatomic, nullable, copy) NSString *dir_desc;
8
9  @property (nonatomic, nullable, copy) NSString *act_desc;
10
11 @property (nonatomic, nullable, copy) NSArray <NSNumber *> *polyline_idx;
12
13 @property (nonatomic, nullable, copy) NSString *accessorial_desc;
14
15 @end
16
17 @interface QMSTruckingRoutePlan : QMSBaseResult
18
19 @property (nonatomic, nullable, copy) NSArray <NSValue *> *polyline;
20
21 @property (nonatomic, nullable, copy) NSArray <QMSTruckingRouteStep *> *steps;
22
23 @property (nonatomic, nullable, strong) QMSDriveRestriction *restriction;
24
25 @property (nonatomic, nullable, copy) NSArray <NSString *> *tags;
26
27 @property (nonatomic, nullable, copy) NSArray <QMSTruckingTrafficCondition *> *speed;
28
29 @property (nonatomic, nullable, copy) NSArray <QMSRoutePlanCityInfo *> *cities;
30
31 @end

```

#### f. 公交线路规划

```

1  @interface QMSBusingRoutePlan : QMSBaseResult
2
3  @property (nonatomic, nullable, strong) NSArray <NSString *> *tags;
4
5  @end

```

#### g. 行政区划

```
1  @interface QMSDistrictData : QMSBaseResult
2
3  @property (nonatomic, nullable, copy) NSArray <NSString *> *pinyin;
4
5  @property (nonatomic, nullable, copy) NSArray <NSNumber *> *cidx;
6
7  @property (nonatomic, nullable, copy) NSArray <NSArray <NSNumber *> *> *polygons;
8
9  @end
10
```

#### h. 距离矩阵

```
1  @interface QMSDistanceMatrixElementUnit : QMSBaseResult
2
3  @property (nonatomic, nullable, strong) NSNumber *status;
4
5  @end
6
7
```