Geocoder API
Release Notes

Version 6.2.149

Important Information
Notices

Topics:

- *Legal Notices*
- *Document Information*

This section contains document notices.

Legal Notices

Trademark Acknowledgements

HERE is trademark or registered trademark of HERE Global B.V.

Other product and company names mentioned herein may be trademarks or trade names of their respective owners.

Disclaimer

This content is provided "as-is" and without warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, satisfactory quality and non-infringement. HERE does not warrant that the content is error free and HERE does not warrant or make any representations regarding the quality, correctness, accuracy, or reliability of the content. You should therefore verify any information contained in the content before acting on it.

To the furthest extent permitted by law, under no circumstances, including without limitation the negligence of HERE, shall HERE be liable for any damages, including, without limitation, direct, special, indirect, punitive, consequential, exemplary and/ or incidental damages that result from the use or application of this content, even if HERE or an authorized representative has been advised of the possibility of such damages.

Document Information

Product	
Name:	Geocoder API
Version:	Version 6.2.149

Document	
Name:	Geocoder API Release Notes
ID:	c8e8b16-1512056530-050d530e
Status:	FINAL
Date:	2017-Nov-30, 15:45 (GMT)

Contents

Chapter 1
Overview

Topics:

- *Map Data Version*
- *Highlights*

The scope of this document is to provide the release notes for the Geocoder API for a particular release version. It lists added and improved functionality as well as the issues resolved and known issues remaining in this release.

Map Data Version

The Geocoder API provides weekly map data updates. Weekly map data updates are based on 2017Q4 data releases for most countries.

The following exceptions exist for countries with HERE map content coverage:

• Hong Kong and Macau are from 2017Q3 and are not updated on a weekly basis.

Entry or Intermediate map content coverage are not listed here.

Highlights

The following highlights give a short summary of the most important changes, added functionality and improvements:

• GBR full postal codes are now being extended to Northern Ireland.

• Various improvements have been made across different countries.

Chapter 2
Changes

Topics:

This section documents major changes to the release that may require the updating of affected applications and/or associated map data.

📄 **Note:** For changes made in previous releases, see the related documents at *http://developer.here.com*.

Functional and Behavioral Changes

The following table contains descriptions of added or changed functionality and changes in product behavior.

Geocoder API Release Notes

▶ Changes

Table 1: Functional and Behavioral Changes

#	Description
1	GBR full postal codes are now being extended to Northern Ireland for addresses.

Example

```
...searchtext=69 Carrick Hill, Belfast, BT1 2JH
```

Previous result: partial match for the postal code and reduced relevance.

```
...
relevance:  0.98,
    matchLevel:  "houseNumber",
    matchQuality: {
        city:  1,
        street: [
            1
        ],
        houseNumber:  1,
        postalCode:  0.98
    },
...
 address: {
        label:  "69 Carrick Hill, Belfast, BT1 2, United Kingdom",
        country:  "GBR",
        state:  "Northern Ireland",
        county:  "County Antrim",
        city:  "Belfast",
        district:  "Belfast",
        street:  "Carrick Hill",
        houseNumber:  "69",
        postalCode:  "BT1 2",
...
```

Current result: a full match for the postal code and the postal is now returned:

```
...
relevance:  1,
    matchLevel:  "houseNumber",
    matchQuality: {
        city:  1,
        street: [
            1
        ],
        houseNumber:  1,
        postalCode:  1
    },
...
address: {
        label:  "69 Carrick Hill, Belfast, BT1 2JH, United Kingdom",
        country:  "GBR",
        state:  "Northern Ireland",
        county:  "County Antrim",
        city:  "Belfast",
        district:  "Belfast",
        street:  "Carrick Hill",
        houseNumber:  "69",
        postalCode:  "BT1 2JH",
...
```

Geocoder API Release Notes

▶ Changes

#	Description
2	GBR full postal codes are now being extended to Northern Ireland to also allow the postal code points to be found. Querying for just the postal code "BT1 2JH" will now return a point where the postal code applies: **Example** `...searchtext=BT1 2JH` **Previous result:** partial match for the postal code.

```
...
Address: {
        Label:  "BT1 2, Belfast, Northern Ireland, United Kingdom",
        Country:  "GBR",
        State:  "Northern Ireland",
        County:  "County Antrim",
        City:  "Belfast",
        PostalCode:  "BT1 2",
...
```

Current result: a full match for the postal code and the postal is now returned:

```
...
address: {
        label:  "BT1 2JH, Belfast, Northern Ireland, United Kingdom",
        country:  "GBR",
        state:  "Northern Ireland",
        county:  "County Antrim",
        city:  "Belfast",
        postalCode:  "BT1 2JH",
...
```

#	Description
3	For the USA, Italy, France, Germany and Malaysia, changes have been made to allow results with lower relevance to be returned, whereas before these were not considered sufficiently high enough to return. Using country specific evaluation of the match qualities, these results show there is confidence that the queries and results are good matches.

Example 1

```
&searchtext=Holiday Inn Express & Suites Houston S - Medical Ctr Area 9300 S Main
 Street Houston, TX 77025
```

Current result: Relevance 0.42

```
label: 9300 S Main St, Houston, TX 77025, United States
```

Example 2

```
&searchtext=piazzale aldo Moro 5, La Sapienza, Dipartimento di Chimica,Edificio
 Cannizzaro,ROMA,ROMA,185
```

Current result: Relevance 0.35

```
label: Piazzale Aldo Moro, 5, 00185 Rome RM, Italy
```

Example 3

```
&searchtext=AGENCE SUD OUEST INCENDIE DOMAINE DE PELUS PLAZA 16D AVENUE PYTHAGORE
 33700 MERIGNAC FRANCE
```

Current result: Relevance 0.49

```
label: 16D Avenue Pythagore, 33700 Mérignac, France
```

Example 4

```
&searchtext=zahnarzt dr pfister zahnärztliche gemeinschaftspraxis hirschstraße 4
 87509 immenstadt im allgäu deutschland
```

Current result: Relevance 0.49

```
label: Hirschstraße 4, 87509 Immenstadt i. Allgäu, Germany
```

Example 5

```
&searchtext=It Zone, 31 Jalan Perai Jaya 3 Bandar Perai Jaya ,Perai,Pulau Pinang
```

Current result: Relevance 0.88

```
label: 31 Jalan Perai Jaya 3, Bandar Perai Jaya, 13600 Perai, Penang, Malaysia
```

API Changes

Added

• None

Changed

· None

Removed

· None

Resolved Issues

The following table contains resolved issues. The list summarizes major resolved issues relevant for a broad audience.

#	Description

1	Some postal code queries in Australia were returning multiple results. This has now been fixed to return the correct number of results.
	
	Example
	
	`&searchtext=3691, AUS`
	
	Previous result: multiple results for the cities in the postal code, but all given at the same coordinate:
	
	<pre>...
	label: 3691, Bellbridge, VIC, Australia
	...
	label: 3691, Lake Hume Village, NSW, Australia
	...
	label: 3691, Staghorn Flat, VIC, Australia
	...
	etc.</pre>
	Current result: a single result:
	
	<pre>...
	address: {
	        label: "3691, Australia",
	        country: "AUS",
	        postalCode: "3691",
	        additionalData: [
	          {
	             value: "Australia",
	             key: "CountryName"
	          }
	        ]
	    },
	...</pre>

#	Description
2	Intersection queries in Taiwan didn't work for some types of road intersections due to multiple roads feeding into the intersection.

Example 1

```
&searchtext=建國南路 @ 中山路三段  彰化縣彰化市

translated to "Jian Guo South Rd @ Zhongshan Road, Sec 3, Changhua City, Changhua
 County

or

&county=彰化縣
&city=彰化市
&street=建國南路 @ 中山路三段
```

Previous result: a street result, the intersection was not given:

```
...
label:  "Sec 3, Zhong Shan Rd., Changhua City, Changhua County 500, Taiwan",
...
label in Chinese:   "臺灣500彰化縣彰化市中山路三段"
```

Current result: a street result was give and not the intersection:

```
...
label:  "Jian Guo S. Rd. & Sec 3, Zhong Shan Rd., He Diao Vil., Changhua City,
 Changhua County 500, Taiwan"
...
label in Chinese:   "臺灣500彰化縣彰化市和調里建國南路 & 中山路三段",
...
```

Similarly for "梅川東路一段 @ 民生路 臺中市" or "Sec 1, Mei Chuan E. Rd. & Min Sheng Rd., West District, Taichung City, 403, Taiwan"

Example 2

```
&searchtext=梅川東路一段 @ 民生路 臺中市

translated to "Sec 1, Mei Chuan E. Rd. & Min Sheng Rd, Taichung City
```

Previous result: a street result was give and not the intersection:

```
...
label:  "Sec 1, Mei Chuan E. Rd., West District, Taichung City, 403, Taiwan",
...
label in Chinese:   "臺灣403臺中市西區梅川東路一段"
```

Current result: the requested intersection is returned at the correct point:

```
...
label:  "Sec 1, Mei Chuan E. Rd. & Min Sheng Rd., West District, Taichung City,
 403, Taiwan"
...
label in Chinese:   "臺灣403臺中市西區梅川東路一段 & 民生路",
...
```

Known Issues

The following table lists issues known to be present in the current release of the Geocoder API.

#	Description
1	Taiwan Geocoding - Island Names cannot be geocoded - 2013Q3 TWN Map improvements Islands to be considered as a part of Taiwan.
2	Taiwan - Street Fallback - Returning the Best Candidate If an address is not in the map, either a house number fallback or up-hierarchy street level match is expected. But in some cases, the Geocoder returns an address in the wrong street or lane. **Example**: 彰化縣彰化市介壽北路1號 House number 1 is not in the map data. The result is therefore a fallback to house number 19: No. 19, Jie Shou N. Rd., Changhua City, Changhua County 500, Taiwan But if a house number fallback is not accepted (parameter: `additionaldata=HouseNumberMode,Streetlevel`), then the result is expected to be a street level match: Jie Shou N. Rd., Changhua City, Changhua County 500, Taiwan The current response is an address match in a different – although close - street (South instead of North) and in a lane while the request did not specify a lane: No. 1, Lane 36, Jie Shou S. Rd., Changhua City, Changhua County 500, Taiwan
3	China: Reverse Geocoder `retrieveAreas` response not aligned with `mode=retrieveAddresses` The Reverse Geocoder `retrieveAreas` response is not aligned with the response from `retrieveAddresses` and Forward Geocoder. City and district names are only available in Chinese, the county information is incorrect, and the state is empty even though it should contain Chinese provinces.
4	Labels for highway exits do not include the exit number. The label only contains the highway name. Workaround: Use the highway name and exit number from the `name` field.
5	The navigation coordinate in the response for Hong Kong building name matches is not always correct. It is the same as the display coordinate. The navigation coordinate is correct only when the query matches a house number in addition to the building name (`MatchQuality` element `houseNumber` exists in the result). **Example:** The queries Shek Wu Shui Baptist Chapel, Hong Kong and Shek Wu Shui Baptist Chapel, 33 Fu Hing St, Hong Kong both match to the same address. But the navigation coordinate is correct for the latter query only.

Limitations and Workarounds

There are no limitations and workarounds in this release.