

Geocoder API

Release Notes

Version 6.2.120

here

Important Information

Notices

Topics:

- [Legal Notices](#)
- [Document Information](#)

This section contains document notices.

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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 updates. Weekly map data updates are based on 2016Q3 data releases for most countries.

The following exceptions exist for countries with HERE map content coverage (Entry or Intermediate map content are not listed here):

- Hong Kong and Macau remain at 2015Q3 and are not updated on a weekly basis.
- Indonesia remains at 2016Q1 with 2015Q1 map schema. The new 2016Q1 schema introduces naming changes for this country that require changes in the Geocoder software. These changes are scheduled for implementation in a subsequent release.

Highlights

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

- France: Increased match quality by adding alternative city names to the Geocoder index.
- Puerto Rico: Increased match quality and detailed address representation by adding urbanization as sub-district names to the Geocoder index.
- Other enhancements and bug fixes.

Chapter 2

Changes

Topics:

- [Functional and Behavioral ...](#)
- [API Changes](#)
- [Resolved Issues](#)
- [Known Issues](#)
- [Limitations and Workaround...](#)

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.

#	Description
1	<p>France: Increased match quality by adding alternative city names to the Geocoder index.</p> <p>We added alternative city names from known-as zone (KD zone) data to the Geocoder index in France. People use these names in area and address search instead of the administrative city names. The Geocoder matches all these names when used in queries.</p> <p>Examples:</p> <p>Query:</p> <pre>searchtext=Marne-la-Vallée, France</pre> <p>Marne-la-Vallée is a new town (one of five Villes nouvelles in the Paris area) located near Paris.</p> <p>Previous result:</p> <p>Three district level results with low match quality score. The names were only partially matched. The town Marne-la-Vallée, which is the more relevant result for this query, was not returned.</p> <pre>// All three matches have the same relevance and match quality scores: relevance: 1, matchLevel: "district", matchQuality: { state: 0.33, county: 0.33, district: 1 } ... label: "La Vallée, Dormelles, Ile-de-France, France" label: "La Vallée, Saint-Martin-en-Bière, Ile-de-France, France" label: "La Vallée, Villebéon, Ile-de-France, France"</pre> <p>Current result:</p> <p>Correct city level match with 100% relevance and match quality scores.</p> <pre>relevance: 1, matchLevel: "city", matchQuality: { country: 1, city: 1 }, ... label: "Marne-la-Vallée, Ile-de-France, France"</pre> <p>Query:</p> <pre>searchtext=3 Avenue du Parc, 95000 Cergy-Pontoise</pre> <p>Cergy-Pontoise is a new town and an agglomeration community in France, covering the communes Cergy and Pontoise.</p> <p>Previous result:</p>

#	Description
	<p>Two ambiguous results with low relevance score. The first result is correct but the relevance score is reduced because not all query tokens were recognized. Only "Cergy" from the query was recognized by the Geocoder because "Cergy-Pontoise" was included in the index.</p> <pre> relevance: 0.91, matchLevel: "houseNumber", matchQuality: { county: 0.5, city: 1, street: [1], houseNumber: 1, postalCode: 1 }, ... label: "3 Avenue du Parc, 95000 Cergy, France" relevance: 0.58, matchLevel: "houseNumber", matchQuality: { city: 1, street: [0.9], houseNumber: 0.98, postalCode: 1 }, ... label: "5 Boulevard de l'Oise, 95000 Cergy, France" </pre> <p>Current result:</p> <p>Correct address result with 100% relevance and match quality scores. The Geocoder matches Cergy-Pontoise, which covers with the area of the commune Cergy.</p> <pre> relevance: 1, matchLevel: "houseNumber", matchQuality: { city: 1, street: [1], houseNumber: 1, postalCode: 1 }, matchType: "pointAddress" ... label: "3 Avenue du Parc, 95000 Cergy, France" </pre>

- 2 Puerto Rico: Increased match quality and detailed address representation by adding urbanization as sub-district names to the Geocoder index.

We added sub-districts from known-as zone (KD zone) data to the Geocoder index in Puerto Rico. In Puerto Rico, these names refer to urbanization areas. According to the United States Postal Service (USPS), "an urbanization denotes an area, sector, or residential development within a geographic area. Commonly used in Puerto Rican urban areas, it is an important part of the addressing format, as it describes the location of a specific street. In Puerto Rico, identical street names and address number ranges can be found within the same ZIP Code. In these cases, the urbanization name is the only element that correctly identifies the location of a particular address. Generally, the abbreviation URB is placed before the urbanization name."

Urbanization names are part of the result label and they are also found by the Reverse Geocoder.

Examples:

#	Description
	<p>Query:</p> <pre>searchtext=Urb Biascoechea Calle Amapola 1, Isla Verde</pre>
	<p>Previous result:</p> <p>Geocoder returned the correct location but with a low relevance score (61%) because "Urb Biascoechea" was not recognized.</p> <pre>relevance: 0.61, matchLevel: "houseNumber", matchQuality: { district: 1, subdistrict: 1, street: [1], houseNumber: 1 }, matchType: "pointAddress", location: { ... address: { label: "Calle Amapola 1, 00979 Carolina, Puerto Rico", country: "PRI", state: "PR", city: "Carolina", district: "Isla Verde", street: "Calle Amapola", houseNumber: "1", postalCode: "00979" } ... }</pre>
	<p>Current result:</p> <p>Geocoder recognizes the urbanization name as sub-district and returns it in the label and address line.</p> <pre>relevance: 1, matchLevel: "houseNumber", matchQuality: { city: 1, street: [1], houseNumber: 1 }, matchType: "pointAddress", location: { ... address: { label: "Urb Biascoechea 1 Calle Amapola, Isla Verde, Carolina, Puerto Rico 00979", country: "PRI", state: "PR", city: "Carolina", district: "Isla Verde", subdistrict: "Urb Biascoechea", street: "Calle Amapola", houseNumber: "1", postalCode: "00979" } ... }</pre>

API Changes

Added

- None.

Removed

- None.

Modified

- None.

Resolved Issues

There are no resolved issues in this release.

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 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: <code>additionaldata=HouseNumberMode,Streetlevel</code>), then the result is expected to be a street level match:

#	Description
	<p>Jie Shou N. Rd., Changhua City, Changhua County 500, Taiwan</p> <p>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:</p> <p>No. 1, Lane 36, Jie Shou S. Rd., Changhua City, Changhua County 500, Taiwan</p>
3	<p>China: Reverse Geocoder <code>retrieveAreas</code> response not aligned with <code>mode=retrieveAddresses</code></p> <p>The Reverse Geocoder <code>retrieveAreas</code> response is not aligned with the response from <code>retrieveAddresses</code> 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.</p>
4	<p>Labels for highway exits do not include the exit number.</p> <p>The label only contains the highway name.</p> <p>Workaround: Use highway name and exit number from the <code>name</code> field.</p>
5	<p>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 (<code>MatchQuality</code> element <code>houseNumber</code> exists in the result).</p> <p>Example:</p> <p>The queries</p> <p>Shek Wu Shui Baptist Chapel, Hong Kong</p> <p>and</p> <p>Shek Wu Shui Baptist Chapel, 33 Fu Hing St, Hong Kong</p> <p>both match to the same address. But the navigation coordinate is correct for the latter query only.</p>

Limitations and Workarounds

There are no limitations and workarounds in this release.