

# Geocoder API

Release Notes

Version 6.2.126

**here**

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# Important Information

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## Notices

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Topics:

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

This section contains document notices.

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# Document Information

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# Chapter 1

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## Overview

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### 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

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The Geocoder API provides weekly map data updates. Weekly map data updates are based on 2016Q4 data releases for most countries.

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

- Hong Kong and Macau are from 2016Q2 and are not updated on a weekly basis.

Entry or Intermediate map content coverage are not listed here.

## Highlights

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

- UK: City and District queries combined with a full postal code now gives preference to the postal code precision level.
- Germany: Improved support for street name variants.
- New Zealand: Increased match quality and accuracy with improved parsing of house numbers in complex unit/house number notations.
- Other enhancements and bug fixes.

# Chapter 2

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## Changes

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### 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>Area search with a full postal code gives preference to the postal code precision level for the UK.</p> <p>A full postal code in the UK provides higher precision than a district level result. Therefore, the Geocoder now responds with the postal code match for queries with a postal code plus district or city.</p> <p><b>Example:</b></p> <p><b>Query:</b></p> <pre>searchtext=United Kingdom, DL8 4DQ, Leyburn</pre> <p><b>Previous result:</b><pre>matchLevel: "district", location: { ...   displayPosition: {     latitude: 54.30466,     longitude: -1.98832   }, ... address: {   label: "Carperby, Leyburn, England, United Kingdom",   country: "GBR",   state: "England",   county: "North Yorkshire",   city: "Leyburn",   district: "Carperby",   postalCode: "DL8 4DQ", ... }</pre><p><b>Current result:</b><pre>matchLevel: "postalCode", location: { ...   displayPosition: {     latitude: 54.3036,     longitude: -1.99079   }, ... address: {   label: "DL8 4DQ, Leyburn, England, United Kingdom",   country: "GBR",   state: "England",   county: "North Yorkshire",   city: "Leyburn",   postalCode: "DL8 4DQ", ... }</pre></p></p>
2	Improved support for street name variants in Germany.

#	Description
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Many street name variants were added to streets in Germany. These are names and spellings of names that people commonly use, but they are not typically be seen on street signs.

**Example:****Query:**

```
searchtext=A.-v.-D.-Hülshoff-Straße 1 Kaltenkirchen
```

**Previous result:**

Result in wrong city and street. City and street names are only partially matched.

```
relevance: 0.78,
  matchLevel: "houseNumber",
  matchQuality: {
    city: 0.79,
    street: [
      0.65
    ],
    houseNumber: 1
  },
...
address: {
  label: "Droste-Hülshoff-Straße 1, 45894 Gelsenkirchen, Germany",
  country: "DEU",
  state: "North-Rhine-Westphalia",
  county: "Gelsenkirchen",
  city: "Gelsenkirchen",
  district: "Buer-Mitte",
  street: "Droste-Hülshoff-Straße",
  houseNumber: "1",
  postalCode: "45894",
...
}
```

**Current result:**

Match to the correct address in the correct city. The abbreviated form "A.-v.-D.-Hülshoff-Straße" is now matched to "Annette-von-Droste-Hülshoff-Straße". "A.-v.-D." is not a general abbreviation. It is only applied to this particular street name in Germany.

```
relevance: 0.97,
  matchLevel: "houseNumber",
  matchQuality: {
    city: 1,
    street: [0.79],
    houseNumber: 1
  },
...
address: {
  label: "Annette-von-Droste-Hülshoff-Straße 1, 24568 Kaltenkirchen, Germany",
  country: "DEU",
  state: "Schleswig-Holstein",
  county: "Segeberg",
  city: "Kaltenkirchen",
  district: "Kaltenkirchen",
  street: "Annette-von-Droste-Hülshoff-Straße",
  houseNumber: "1",
  postalCode: "24568",
...
}
```

#	Description
	<p><b>Note:</b> The <code>relevance</code> and <code>street match quality score</code> (<code>matchQuality.street</code>) for this result is still not 100% even though it is a high confidence match. In a future release, the resulting value may change to 100%.</p>
3	<p><b>New Zealand:</b> Increased match quality and accuracy with improved parsing of house numbers in complex unit/house number notations.</p> <p>Address queries in New Zealand often contain secondary unit designator information (e.g. flat, level, suite, shop and their abbreviated form like <code>lvl</code> and <code>ste</code>) that cannot be matched by the Geocoder.</p> <p>This information can lead to low confidence, ambiguous, or wrong matches. The Geocoder can detect and ignore many of these patterns now, in order to find the correct house number result.</p> <p>Recognized unit designators are: <code>FLAT</code>, <code>KIOSK</code>, <code>LEVEL</code>, <code>LVL</code>, <code>SHOP</code>, <code>SUITE</code>, <code>STE</code>, <code>VILLA</code>, unit number/house number.</p> <p><b>Examples:</b></p> <p><b>Query:</b></p> <p>Example where unit number is provided in front of house number, separated by <code>"/</code>.</p> <pre>searchtext=8/148 Willis street, Wellington</pre> <p><b>Previous result:</b></p> <p>Two results in the correct street. One result at house number 8 and one at house number 148.</p> <pre>relevance: 0.99, ...   address: {     label: "148 Willis St, Te Aro, Wellington 6011, New Zealand",     country: "NZL",     state: "Wellington",     county: "Wellington City",     city: "Wellington",     district: "Te Aro",     street: "Willis St",     houseNumber: "148",     postalCode: "6011",     ...   } relevance: 0.99,   address: {     label: "8 Willis St, Wellington Central, Wellington 6011, New Zealand",     country: "NZL",     state: "Wellington",     county: "Wellington City",     city: "Wellington",     district: "Wellington Central",     street: "Willis St",     houseNumber: "8",     postalCode: "6011",     ...   } ... </pre> <p><b>Current result:</b></p> <p>Single result "148 Willis St, Te Aro, Wellington". The number "8" is now interpreted as a unit number.</p> <pre>relevance: 0.99, ... </pre>

#	Description
	<pre> }, address: {   label: "148 Willis St, Te Aro, Wellington 6011, New Zealand",   country: "NZL",   state: "Wellington",   county: "Wellington City",   city: "Wellington",   district: "Te Aro",   street: "Willis St",   houseNumber: "148",   postalCode: "6011",   ... </pre>

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France: Changes related to the territorial reform of French Regions in 2014. In 2014, the French parliament passed a law reducing the number of metropolitan regions from 22 to 13 with effect from 1 January 2016.

The law gives interim names for most of the new regions by combining the names of the former regions. On 30 September 2016, permanent names were confirmed. The map used the interim names since early 2016. The latest map data reflects the change to permanent names.

**Regions that changed from interim to permanent names:**

Former regions (not in map anymore)	New interim name (not in map anymore)	New permanent name	Capital
Bourgogne, Franche-Comté	Bourgogne-Franche-Comté	Bourgogne-Franche-Comté	Dijon
Aquitaine, Limousin, Poitou-Charentes	Aquitaine-Limousin-Poitou-Charentes	Nouvelle-Aquitaine	Bordeaux
Haute-Normandie, Basse-Normandie	Normandie	Normandie	Rouen
Alsace, Champagne-Ardenne, Lorraine	Alsace-Champagne-Ardenne-Lorraine	Grand Est	Strasbourg
Languedoc-Roussillon, Midi-Pyrénées	Languedoc-Roussillon-Midi-Pyrénées	Occitanie	Toulouse
Nord-Pas-de-Calais, Picardie	Nord-Pas-de-Calais-Picardie	Hauts-de-France	Lille
Auvergne, Rhône-Alpes	Auvergne-Rhône-Alpes	Auvergne-Rhône-Alpes	Lyon

**Regions that remained unchanged:**

Region name	Capital
Bretagne	Rennes
Centre-Val de Loire	Orléans
Corse	Ajaccio

#	Description	
	<b>Region name</b>	<b>Capital</b>
	Île-de-France	Paris
	Pays de la Loire	Nantes
	Provence-Alpes-Côte d'Azur	Marseille

5 Disputed Borders: Addition of Kosovo to the Turkish Political View.  
 Using the parameter `&politicalview=TUR` will now return the area of Kosovo as a country, whereas in the International view Kosovo is not returned as a country due its disputed status.

## API Changes

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### Added

- None.

### Removed

- None.

### Modified

- None.

## Resolved Issues

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

#	Description
1	<p>Reverse Geocoder responds with a non-preferred city name if the preferred city name is not available in the map data in the requested language.</p> <p>Example: Brooklyn is a borough of New York City and people refer to their city as Brooklyn. When the requested response language is Spanish, however, the Reverse Geocoder returns the Spanish name of a non-preferred city name. In this case Nueva York. This is because there is no Spanish name variant of Brooklyn in the map data.</p>

#	Description
	This is fixed now. The Reverse Geocoder now always responds with the preferred name and falls back to the default language if needed. In the example with the English name of the preferred city name (Brooklyn).

## 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.  <b>Example:</b> 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: 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 <code>retrieveAreas</code> response not aligned with <code>mode=retrieveAddresses</code>  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.
4	Labels for highway exits do not include the exit number.  The label only contains the highway name.  Workaround: Use highway name and exit number from the <code>name</code> 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

#	Description
	a house number in addition to the building name ( <code>MatchQuality</code> element <code>houseNumber</code> exists in the result).
	<b>Example:</b>
	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

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There are no limitations and workarounds in this release.