

Loqate, A GBG Solution

Release Notes – Verify API

2022Q4.0 Major Release

Case Resolutions

Please visit <https://support.loqate.com/2022q4-0-resolved-cases/> for a list of all cases resolved in this release. If you would like more details on any of the solved cases listed, please contact LoqateSupport@gbgplc.com for further information.

Local API Notices

This is to inform our customers that in this 2022Q4.0 release we have made a major change to the API in relation to preposition handling for Germany along with 2 minor enhancements for Colombia and New Zealand.

Case Number	Change Description	Country
CAS-73536-H9N2M4	Added "an der schule" to German lexicon file as thoroughfare	DE
CAS-76184-K0V4W5	Treat premise number postfix with format -<digits> as potential invalid range node instead of just postfix.GB/AU	GB/AU
CAS-41610-W6J3N2	Differences between input and reference data's symbols, spaces and diacritics now matter and would cause result to be alias changed instead of no change	ALL
CAS-79524-F2K5K0	CountryDataImporter bugfix to import data from country.txt to country.lfs correctly	ALL
Internal	Changed the way Loqate detects when a result is CASS related and therefore does not change the casing of CASS fields. This means the casing should work more reliably.	CASS

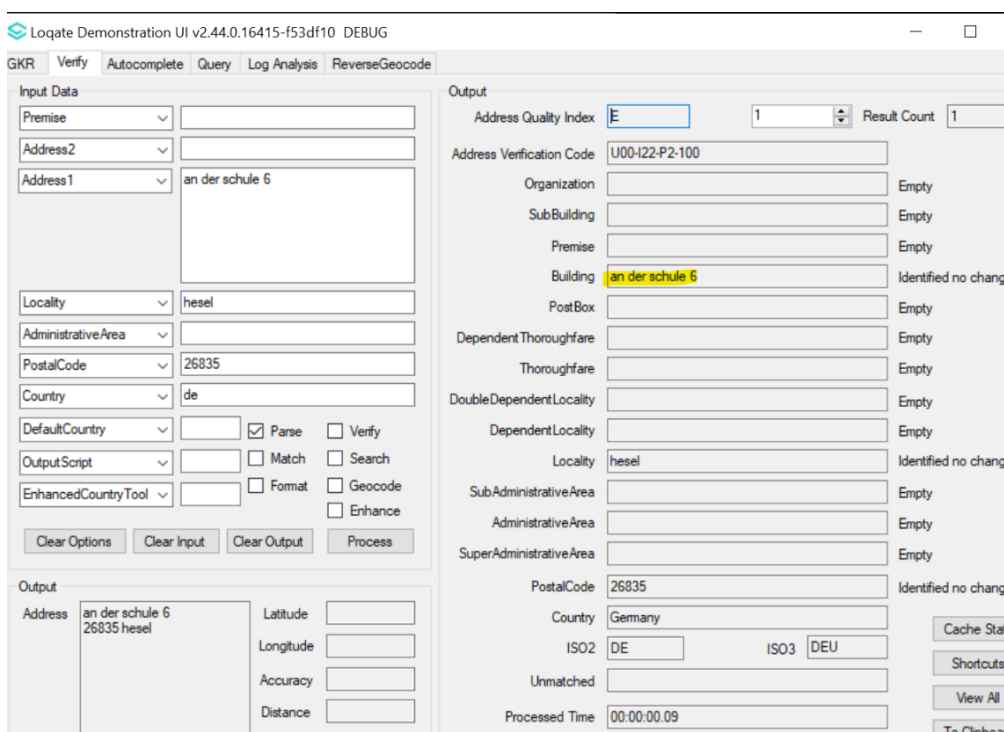
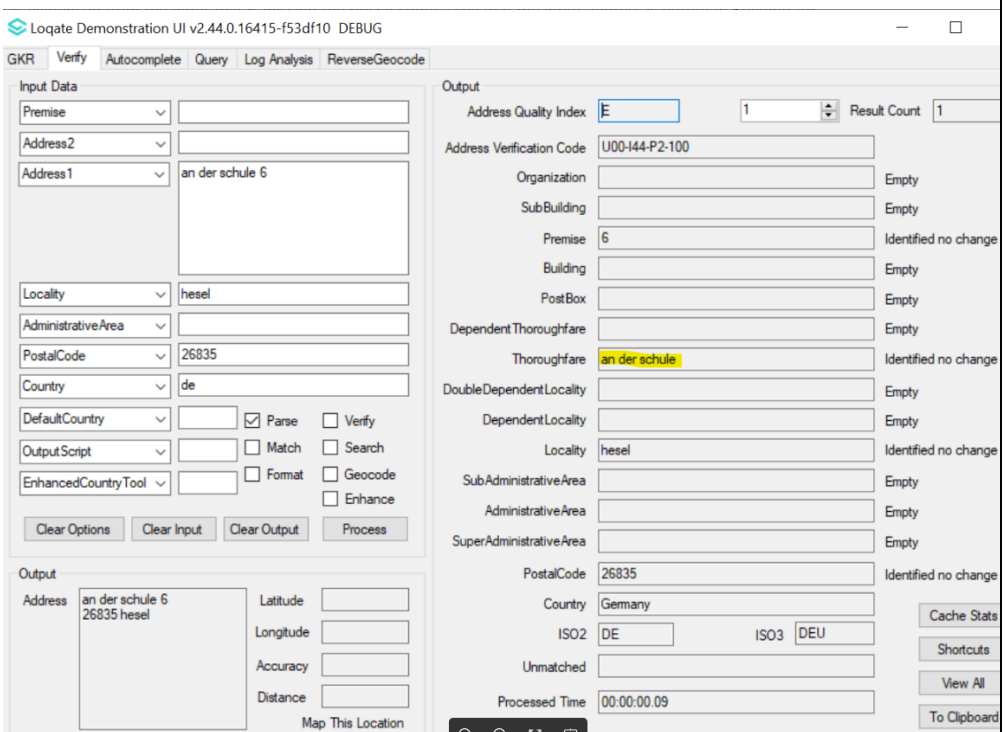
GBG Loqate, 3101 Park Blvd, Suite 01-105, Palo Alto, CA 94306-2233, USA

T (800) 313-3910 | E support@loqate.com | <http://www.loqate.com>

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Local API Improvements

Case Number	Change Description	Category	Country	Example Address
CAS-73536-H9N2M4	Added "an der schule" to German lexicon file as thoroughfare.	API	DE	an der schule 6, hesel, de
Before Image			After Image	
				

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Case Number	Change Description	Category	Country	Example Address
CAS-76184-K0V4W5	Treat premise number postfix with format -<digits> as potential invalid range node instead of just postfix.	API	GB/AU	<ol style="list-style-type: none"> 154-15 HIGH STREET, BRIERLEY HILL, DY5 2AF, GB 143-14 Stanwell Road, Ashford, TW15 3QN, GB

Before Image

Loqate Demonstration UI v2.44.0.16450-af01793

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Premise

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

EnhancedCountryTool ☐ Parse ☒ Verify

CombinedVerifyMethod ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count 1

Address Verification Code P43-I44-P6-093

Organization Empty

SubBuilding Empty

Premise Verified large change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare High Street Verified no change

DoubleDependentLocality Empty

DependentLocality Quarry Bank Added

Locality Brierley Hill Verified no change

SubAdministrativeArea Empty

AdministrativeArea West Midlands Added

SuperAdministrativeArea Empty

PostalCode DY5 2AF Verified no change

Country United Kingdom

ISO2 GB ISO3 GBR

Unmatched

Processed Time 00:00:00.16

Cache Stats Shortcuts View All To Clipboard

Output

Address 154-156 High Street Quary Bank Brierley Hill DY5 2AF

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.44.1.16468-67843d2 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Premise

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

EnhancedCountryTool ☐ Parse ☒ Verify

OutputScript ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count 1

Address Verification Code P43-I44-P6-096

Organization Empty

SubBuilding Empty

Premise Verified small change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare High Street Verified no change

DoubleDependentLocality Empty

DependentLocality Quarry Bank Added

Locality Brierley Hill Verified no change

SubAdministrativeArea Empty

AdministrativeArea West Midlands Added

SuperAdministrativeArea Empty

PostalCode DY5 2AF Verified no change

Country United Kingdom

ISO2 GB ISO3 GBR

Unmatched

Processed Time 00:00:03.99

Cache Stats Shortcuts View All To Clipboard

Output

Address 154-156 High Street Quary Bank Brierley Hill DY5 2AF

Latitude

Longitude

Accuracy

Distance

Map This Location

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Loqate Demonstration UI v2.44.0.16450-af01793

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Premise

Address2

Address1143-14 Stanwell Road, Ashford, TW15 3QN, GB

Locality

AdministrativeArea

PostalCode

Country

EnhancedCountryTool

CombinedVerifyMethod

DefaultCountry

Parse

Verify

Match

Search

Format

Geocode

Enhance

Clear Options

Clear Input

Clear Output

Process

Output

AddressOsborne House
143-145-14 Stanwell Road
Ashford
TW15 3QN

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality IndexC1Result Count1

Address Verification CodeP43-144-P6-093

OrganizationEmpty

SubBuildingEmpty

Premise143-145-14Verified large change

BuildingOsborne HouseAdded

PostBoxEmpty

DependentThoroughfareEmpty

ThoroughfareStanwell RoadVerified no change

DoubleDependentLocalityEmpty

DependentLocalityEmpty

LocalityAshfordVerified no change

SubAdministrativeAreaEmpty

AdministrativeAreaMiddlesexAdded

SuperAdministrativeAreaEmpty

PostalCodeTW15 3QNVerified no change

CountryUnited Kingdom

ISO2GBISO3GBR

Unmatched

Processed Time00:00:00.01

Cache Stats

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

Loqate Demonstration UI v2.44.1.16468-67843d2 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Premise

Address2

Address1143-14 Stanwell Road

Locality

AdministrativeArea

PostalCode

Country

EnhancedCountryTool

OutputScript

DefaultCountry

Parse

Verify

Match

Search

Format

Geocode

Enhance

Clear Options

Clear Input

Clear Output

Process

Output

AddressOsborne House
143-145 Stanwell Road
Ashford
TW15 3QN

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality IndexB1Result Count1

Address Verification CodeP43-144-P6-096

OrganizationEmpty

SubBuildingEmpty

Premise143-145Verified small change

BuildingOsborne HouseAdded

PostBoxEmpty

DependentThoroughfareEmpty

ThoroughfareStanwell RoadVerified no change

DoubleDependentLocalityEmpty

DependentLocalityEmpty

LocalityAshfordVerified no change

SubAdministrativeAreaEmpty

AdministrativeAreaMiddlesexAdded

SuperAdministrativeAreaEmpty

PostalCodeTW15 3QNVerified no change

CountryUnited Kingdom

ISO2GBISO3GBR

Unmatched

Processed Time00:00:00.07

Cache Stats

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-41610-W6J3N2	Differences between input and reference data's symbols, spaces and diacritics now matter and would cause result to be alias changed instead of no change.	API	All	Address1: Beruti 2602, Recoleta Locality: Ciudad Autonoma Buenos Aires Administrative Area: Cuidad Autonoma de Buenos Aires Postal Code: 1425 Country: Argentina

Before Image

Loqate Demonstration UI v2.39.1.15377-0102a77

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CertifiedCountryList ☐ Parse ☒ Verify

ActiveCassLibrary ☐ Match ☐ Search

ToolInfo ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P6-100

Organization

SubBuilding

Premise 2602 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Beruti Verified no change

DoubleDependentLocality

DependentLocality Recoleta Verified no change

Locality Ciudad Autónoma Buenos Aires Verified **no change**

SubAdministrativeArea

AdministrativeArea Ciudad Autónoma de Buenos Aires Verified **no change**

SuperAdministrativeArea

PostalCode 1425 Verified no change

Country Argentina

ISO2 AR ISO3 ARG

Unmatched

Processed Time 00:00:00.01

Shortcuts View All To Clipboard

Address Beruti 2602 Recoleta 1425 Ciudad Autónoma Buen

Latitude

Longitude

Accuracy

Distance

Map This Location

After Image

Loqate Demonstration UI v2.44.1.16498-6725cc3

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Premise

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

EnhancedCountryTool ☐ Parse ☒ Verify

CombinedVerifyMethod ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P6-100

Organization

SubBuilding

Premise 2602 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Beruti Verified no change

DoubleDependentLocality

DependentLocality Recoleta Verified no change

Locality Ciudad Autónoma Buenos Aires Verified **alias change**

SubAdministrativeArea

AdministrativeArea Ciudad Autónoma de Buenos Aires Verified **alias change**

SuperAdministrativeArea

PostalCode 1425 Verified no change

Country Argentina

ISO2 AR ISO3 ARG

Unmatched

Processed Time 00:00:00.00

Cache Stats Shortcuts View All To Clipboard

Address Beruti 2602 Recoleta 1425 Ciudad Autónoma Buen

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

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Loqate Demonstration UI v2.39.1.15377-0102a77

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

Address3

Address2

Address1

Beruti 2602, Recoleta

Locality

Ciudad Autónoma Buenos Aires

AdministrativeArea

Ciudad Autónoma de Buenos Aires

PostalCode

1425

Country

Argentina

CertifiedCountryList

Parse

Verify

ActiveCassLibrary

Match

Search

ToolInfo

Format

Geocode

Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

Beruti 2602
Recoleta
1425 Ciudad Autónoma Buen

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index

A

1

Result Count

1

Address Verification Code

V44-I44-P6-100

Organization

Empty

SubBuilding

Empty

Premise

2602

Verified no change

Building

Empty

PostBox

Empty

DependentThoroughfare

Empty

Thoroughfare

Beruti

Verified no change

DoubleDependentLocality

Empty

DependentLocality

Recoleta

Verified no change

Locality

Ciudad Autónoma Buenos Aires

Verified alias chan

SubAdministrativeArea

Empty

AdministrativeArea

Ciudad Autónoma de Buenos Aires

Verified alias chan

SuperAdministrativeArea

Empty

PostalCode

1425

Verified no change

Country

Argentina

ISO2

AR

ISO3

ARG

Unmatched

Processed Time

00:00:00.00

Shortcuts

View All

To Clipboard

Loqate Demonstration UI v2.43.1.16381-b6eb3e5

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

Address3

Address2

Address1

Beruti 2602, Recoleta

Locality

Ciudad Autónoma Buenos Aires

AdministrativeArea

Ciudad Autónoma de Buenos Aires

PostalCode

1425

Country

Argentina

OutputCasing

Parse

Verify

OutputScript

Match

Search

PreferPrimaryValidAlias

Format

Geocode

Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

Beruti 2602
Recoleta
1425 Ciudad Autónoma Buen

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index

A

1

Result Count

1

Address Verification Code

V44-I44-P6-100

Organization

Empty

SubBuilding

Empty

Premise

2602

Verified no change

Building

Empty

PostBox

Empty

DependentThoroughfare

Empty

Thoroughfare

Beruti

Verified no change

DoubleDependentLocality

Empty

DependentLocality

Recoleta

Verified no change

Locality

Ciudad Autónoma Buenos Aires

Verified no change

SubAdministrativeArea

Empty

AdministrativeArea

Ciudad Autónoma de Buenos Aires

Verified no change

SuperAdministrativeArea

Empty

PostalCode

1425

Verified no change

Country

Argentina

ISO2

AR

ISO3

ARG

Unmatched

Processed Time

00:00:00.02

Cache State

Shortcuts

View All

To Clipboard

Case Number	Change Description	Category	Country	Example Address
CAS-79524-F2K5K0	CountryDataImporter bugfix to import data from country.txt to country.lfs correctly	API	All	N/A
Before Image			After Image	
N/A			N/A	

Installation Instructions

Please remember to update both the program files and the reference data and **please install these to a new fresh folder location**. The improvements are tied to the data in the Global Knowledge Repository and the Local API. When updating the data, it is recommended to use a new data folder each time to ensure the latest dataset is installed properly.

If you need any assistance with the upgrade of the Local API or the data update process, please contact [GBG Loqate Support](#).

The setup wizard for the [Local API](#) can be obtained from our SFTP server. Please contact your account manager to retrieve the SFTP information. If you do not know who your account manager is, please contact the support team at LoqateSupport@gbgplc.com.