

Loqate, A GBG Solution

Release Notes – Verify API

2024Q3.0 Major Release – API Version - 2.52.0.17699-3af9e54

Local API Notice

In the 2024Q3.0 release we have fixed 3 customer cases and made several internal improvements to the Verify API.

One impact of having the most curated location data in the world is that reference data set sizes continue to grow, especially in countries like the United States. With this release, we have introduced the beta of the Loqate 'LFS64' engine. This engine is specifically tuned for these larger data sets and will allow the reference data to grow as large as needed. More information and communication on this beta will be provided later.

Case Resolutions

Details of the three customer case resolutions and the details of our beta release of the new 64Bit File System are detailed below. If you would like more details on these cases, please contact LogateSupport@gbgplc.com or your [Customer Success Manager](#) for further information.

Local API Improvement

Case Number	Change Description	Country
CAS-123186-X4Y9S6	Added server option "SerpWesternStyle" to allow the output address to be "WesternStyle" when SERP is used.	CAN
CAS-114810-X2L5F4	Change address matching selection from preferring partial point range match to preferring verified range match.	All
CAS-111343-R1P1Z0	Better thoroughfare match for cases where thoroughfare names contain ordinal numbers.	All

Case Number	Change Description	Category	Country	Example Address
CAS-123186-X4Y9S6	Added server option "SerpWesternStyle" to allow the output address to be "WesternStyle" when SERP is used.	API	CAN	6200 MCKAY AVE UNIT 200 BURNBY British Columbia V5H 4L7

Before Image

Loqate Demonstration UI v2.46.0.9999-CYCLEO

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data
 Address3: []
 Address2: []
 Address1: 6200 MCKAY AVE UNIT 200 BURNBY British Columbia V5H 4L7

Output
 Address Quality Index: A | 1 | Result Count: 1
 Address Verification Code: V55-I55-P6-100
 Organization: [] Empty
 SubBuilding: UNIT 200 Verified no change
 Premise: 6200 Verified no change
 Building: [] Empty
 PostBox: [] Empty
 Dependent Thoroughfare: [] Empty
 Thoroughfare: MCKAY AVE Verified no change
 DoubleDependentLocality: [] Empty
 DependentLocality: [] Empty
 Locality: BURNABY Verified no change
 SubAdministrativeArea: [] Empty
 AdministrativeArea: BC Verified no change
 SuperAdministrativeArea: [] Empty
 PostalCode: V5H 4L7 Verified no change
 Country: CANADA
 ISO2: CA ISO3: CAN
 Unmatched: []
 Processed Time: 00:00:04.66

Address Line Separator: [] Parse Verify
 CertifiedCountryList: CAN Match Search
 Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output
 Address: 6200 MCKAY AVE UNIT 200 BURNABY BC V5H 4L7
 Latitude: [] Longitude: [] Accuracy: [] Distance: []
 Map This Location

Cache Stats Shortcuts View All To Clipboard

After Image

Loqate Demonstration UI v2.46.0.9999-CYCLEO

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data
 Address3: []
 Address2: []
 Address1: 6200 MCKAY AVE UNIT 200 BURNBY British Columbia V5H 4L7

Output
 Address Quality Index: A | 1 | Result Count: 1
 Address Verification Code: V55-I55-P6-100
 Organization: [] Empty
 SubBuilding: UNIT 200 Verified no change
 Premise: 6200 Verified no change
 Building: [] Empty
 PostBox: [] Empty
 Dependent Thoroughfare: [] Empty
 Thoroughfare: MCKAY AVE Verified no change
 DoubleDependentLocality: [] Empty
 DependentLocality: [] Empty
 Locality: BURNABY Verified no change
 SubAdministrativeArea: [] Empty
 AdministrativeArea: BC Verified no change
 SuperAdministrativeArea: [] Empty
 PostalCode: V5H 4L7 Verified no change
 Country: CANADA
 ISO2: CA ISO3: CAN
 Unmatched: []
 Processed Time: 00:00:04.66

Address Line Separator: [] Parse Verify
 CertifiedCountryList: CAN Match Search
 SerpWesternStyle: Yes Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output
 Address: 200-6200 MCKAY AVE BURNABY BC V5H 4L7
 Latitude: [] Longitude: [] Accuracy: [] Distance: []
 Map This Location

Cache Stats Shortcuts View All To Clipboard

Case Number	Change Description	Category	Country	Example Address
CAS-114810-X2L5F4	Change address matching selection from preferring partial point range match to preferring verified range match.	API	All	Address1: "47 New Scotland Ave", Locality: "Albany", AdministrativeArea: "NY", PostalCode: "12208", Country: "US"

Before Image

After Image

Loqate Demonstration UI v2.51.1.17618-3490249 LFS64

Input Data: Address3, Address2, Address1: 47 New Scotland Ave, Locality: Albany, AdministrativeArea: NY, PostalCode: 12208, Country: US

Output: Address Quality Index: A, Result Count: 1, Address Verification Code: P44-144-P7-100, Organization: Empty, SubBuilding: Empty, Premise: 47, Building: Empty, PostBox: Empty, DependentThoroughfare: Empty, Thoroughfare: New Scotland Ave, DoubleDependentLocality: Empty, DependentLocality: Empty, Locality: Albany, SubAdministrativeArea: Albany, AdministrativeArea: NY, SuperAdministrativeArea: Empty, PostalCode: 12208-3479, Country: United States, ISO2: US, ISO3: USA, Processed Time: 00:00:00.10

Server Status: ssOK, Process Status: psOK

Loqate Demonstration UI v2.51.1.17686-a1ebf82 LFS64

Input Data: Address3, Address2, Address1: 47 New Scotland Ave, Locality: Albany, AdministrativeArea: NY, PostalCode: 12208, Country: US

Output: Address Quality Index: A, Result Count: 1, Address Verification Code: V44-144-P7-100, Organization: Empty, SubBuilding: Empty, Premise: 47, Building: Empty, PostBox: Empty, DependentThoroughfare: Empty, Thoroughfare: New Scotland Ave, DoubleDependentLocality: Empty, DependentLocality: Empty, Locality: Albany, SubAdministrativeArea: Albany, AdministrativeArea: NY, SuperAdministrativeArea: Empty, PostalCode: 12208-3412, Country: United States, ISO2: US, ISO3: USA, Processed Time: 00:00:00.07

Server Status: ssOK, Process Status: psOK

Results

Reverse Grid

	1	2
AdministrativeArea	Ny	Ny
Locality	Albany	Albany
Organization	Albany Medical C...	
PostalCodePrimary	12208	12208
PostalCodeSecondary	3479	3412
PremiseNumber	47	43%49
SubAdministrativeArea	Albany	Albany
Thoroughfare	New Scotland Ave	New Scotland Ave

Results

Reverse Grid

	1	2
AdministrativeArea	Ny	Ny
Locality	Albany	Albany
Organization	Albany Medical C...	
PostalCodePrimary	12208	12208
PostalCodeSecondary	3479	3412
PremiseNumber	47	43%49
SubAdministrativeArea	Albany	Albany
Thoroughfare	New Scotland Ave	New Scotland Ave

Case Number	Change Description	Category	Country	Example Address
CAS-111343-R1P1Z0	Better thoroughfare match for cases where thoroughfare names contain ordinal numbers.	API	All	Address1: "205 1st Ave", Locality: "Forreston", AdministrativeArea: "IL", PostalCode: "61030", Country: "US"

Before Image

Loqate Demonstration UI v2.51.1.17618-3490249 LFS64

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

EnhancedCountryTool Parse Verify

PreferPrimaryValidAlias Match Search

DefaultCountry Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address 205 Ash Ave
Forreston IL 61030-7715

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code V42-I44-P7-094

Organization Empty

Sub-Building Empty

Premise 205 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Ash Ave Verified large change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Forreston Verified no change

SubAdministrativeArea Ogle Added

AdministrativeArea IL Verified no change

SuperAdministrativeArea Empty

PostalCode 61030-7715 Verified small change

Country United States

ISO2 US ISO3 USA

Unmatched

Processed Time 00:00:00.08

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.51.1.17686-a1ebf82 LFS64

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

EnhancedCountryTool Parse Verify

PreferPrimaryValidAlias Match Search

DefaultCountry Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address 205 S 1st Ave
Forreston IL 61030-7705

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code V42-I44-P7-098

Organization Empty

Sub-Building Empty

Premise 205 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare S 1st Ave Verified small change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Forreston Verified no change

SubAdministrativeArea Ogle Added

AdministrativeArea IL Verified no change

SuperAdministrativeArea Empty

PostalCode 61030-7705 Verified small change

Country United States

ISO2 US ISO3 USA

Unmatched

Processed Time 00:00:00.08

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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 LogateSupport@gbgplc.com.