

Loqate, A GBG Solution

Release Notes – Verify API

2022Q2.0 Major Release

Case Resolutions

Please visit <https://support.loqate.com/2022q2-0-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 2022Q2.0 release we have made no major changes to the API there are two minor improvement.

Local API Improvements

Case Number	Change Description	Category	Country	Example Address
CAS-70258-M0H2Q7	Fixed SERP crash when Canada postal code has less than 3 characters.	API	CAN	Address1: 10 3021 Birds Hill Road Locality: East St. Paul AdministattiveArea: Manitoba Postalcode: MB Country: CA

Before Image

Loqate Demonstration UI v2.42.0.16081-c586695

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry

EnhancedCountryTool

CertifiedCountryList

Clear Options Clear Input Clear Output Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2

ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Server Status: ssException (Mouseover for more info) Process Status: psException (Mouseover for more info)

After Image

Loqate Demonstration UI v2.42.1.16089-d82784e

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry

EnhancedCountryTool

CertifiedCountryList

Clear Options Clear Input Clear Output Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified large change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Added

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Server Status: psOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-68244-P9D9W4	Improvement of processing speed for address containing "~" in the input address.	API	JPN	Address1: 1CHOUME2BAN Address2: RUSUKUU~EAA2102 Locality: TAKATSUKISHIAKUTAGAWACHOU PostalCode: 5691123 Country: JPN

Before Image

Loqate Demonstration UI v2.42.1.16021-4d37ba4 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Address2

Address1 1CHOUME2BAN
RUSUKUU~EAA2102

Locality TAKATSUKISHIAKUTAGAWACHOU

AdministrativeArea

PostalCode 5691123

Country JPN

PreferPrimaryValidAlias Parse Verify

DefaultCountry Match Search

EnhancedCountryTool Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index 0 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2

ISO3

Unmatched

Processed Time

Shortcuts

View All

To Clipboard

Server Status: ssOK Process Status: psOK

2022Q1.1: This is running more than 30 minutes that it is unable to complete the verification process

After Image

Loqate Demonstration UI v2.43.0.16109-4c1232d DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Organization

Address2

Address1 1CHOUME2BAN
RUSUKUU~EAA2102

Locality TAKATSUKISHIAKUTAGAWACHOU

AdministrativeArea

PostalCode 5691123

Country JPN

PreferPrimaryValidAlias Parse Verify

DefaultCountry Match Search

EnhancedCountryTool Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code P22-144-P6-074

Organization Empty

SubBuilding Empty

Premise 2102 Identified no change

Building 1choume Identified context

PostBox Empty

DependentThoroughfare 2ban Identified no change

Thoroughfare Rusukuu~Eaa Identified context

DoubleDependentLocality Empty

DependentLocality Empty

Locality Takatsuki-Shi Verified large change

SubAdministrativeArea Empty

AdministrativeArea Osaka Added

SuperAdministrativeArea Empty

PostalCode 569-1123 Verified alias change

Country Japan

ISO2 JP ISO3 JPN

Unmatched

Processed Time 00:00:00.51

Shortcuts

View All

To Clipboard

Server Status: ssOK Process Status: psOK

2022Q2.0: The engine processes the address around 51ms to complete the verification

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 in order 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.

Loqate, A GBG Solution

Release Notes – Reference Data & Knowledge Base

2022Q2.0 Major Release

Case Resolutions

Please visit <https://support.loqate.com/2022q2-0-resolved-cases/> for a list of 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.

Certification Expiration Dates

If you have purchased either the CASS (USA) or AMAS (Australia) certified products, please be aware that the datasets have expiration dates set by the respective postal authorities. Please ensure that you have the latest library and data installed to avoid loss of service through these products.

	Loqate Release Date	Certification Expiry Date*
AMAS Data	2022-02-10	2022-06-30
CASS Data	2022-04-15	2022-07-29

Please check Install Manager for the latest versions of AMAS & CASS

**Certification Expiry Date is different from Loqate license key expiry date. The earliest expiry date will apply.*

For more information on expiry date checking for CASS and AMAS, please refer “Usage expiration” section in <https://support.loqate.com/documentation/local-apis/cass-overview-2/> and <https://support.loqate.com/address-matching-approval-system-amas/>

Data Structure Changes

The below is a summary of the Countries where we have updated the reference data structure.

BPDH/PDH Countries

Country	ISO2	Description
France	FR	Country rebuild (Removal of DependentLocality field)

Other major changes to highlight:

Country	Description
Canada	General improvement in parsing of Thoroughfare and Locality.
Poland	Removal of "M." suffix from the city in Locality field. Note: M. stand for Miesto
United States	Improvement is made within the USA geocode reference data to improve geocoding level

BPDH/PDH Countries Details

France

Country Information	Description
ISO2	FR
ISO3	FRA
Address Format	Organization SubBuilding Building Premise Thoroughfare DependentThoroughfare PostBox Town DoubleDependentLocality DependentLocality PostalCode Locality LocalityExtra LocalityExtra_Others
PDH	YES
PDH completed date	2017Q3.0
New Source	No but updated structure

	Pre-PDH	Post-PDH
Reference Data	rd_FR_ggg.lfs rd_FR_ggg_r1.lfs rd_FR_ggg_rg.lfs rd_FR_ggg_r.lfs rd_FR_vfy_ai.lfs rd_FR_vfy.lfs	rd_FR_ggg.lfs rd_FR_ggg_r1.lfs rd_FR_ggg_rg.lfs rd_FR_ggg_r.lfs rd_FR_vfy_ai.lfs rd_FR_vfy.lfs

DependentLocality field has been removed from reference data from this release onwards due to it has no longer being provided by data supplier. Investigation has shown that the dependant locality has little use and has been phased out of use by La Poste over several years.

2022Q1.1	2022Q2.0
DependentLocality is added.	DependentLocality is no longer added.
Logate Demonstration UI v2.42.1.16021-4d37ba4 GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode Input Data ID Organization Address17 Rue des Parcs85170LE POIRE SUR VIE Locality AdministrativeArea PostalCode CountryFR OutputScript AddressLineSeparator FieldNameWeight Parse Verify Match Search Format Geocode Enhance Clear Options Clear Input Clear Output Process Output Address7 Rue Des ParcsLA RIBOTIERE85170 LE POIRE-SUR-VIE Latitude Longitude Accuracy Distance Map This Location Output Address Quality Index1 Result Count1 Address Verification CodeV44-I44-P6-100 OrganizationEmpty SubBuildingEmpty Premise7Verified no change BuildingEmpty PostBoxEmpty DependentThoroughfareEmpty ThoroughfareRue Des ParcsVerified no change DoubleDependentLocalityEmpty DependentLocalityLA RIBOTIEREAdded LocalityLE POIRE-SUR-VIEVerified no change SubAdministrativeAreaLa Roche-Sur-YonAdded AdministrativeAreaVendéeAdded SuperAdministrativeAreaPays De La LoireAdded PostalCode85170Verified no change CountryFrance ISO2FRISO3FRA Unmatched Processed Time00:00:00.63 Shortcuts View All To Clipboard Server Status: ssOK Process Status: psOK	Logate Demonstration UI v2.42.1.16021-4d37ba4 GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode Input Data ID Organization Address17 Rue des Parcs85170LE POIRE SUR VIE Locality AdministrativeArea PostalCode CountryFR OutputScript AddressLineSeparator FieldNameWeight Parse Verify Match Search Format Geocode Enhance Clear Options Clear Input Clear Output Process Output Address7 Rue Des Parcs85170 LE POIRE-SUR-VIE Latitude Longitude Accuracy Distance Map This Location Output Address Quality Index1 Result Count1 Address Verification CodeV44-I44-P6-100 OrganizationEmpty SubBuildingEmpty Premise7Verified no change BuildingEmpty PostBoxEmpty DependentThoroughfareEmpty ThoroughfareRue Des ParcsVerified no change DoubleDependentLocalityEmpty DependentLocalityEmptyEmpty LocalityLE POIRE-SUR-VIEVerified no change SubAdministrativeAreaLa Roche-Sur-YonAdded AdministrativeAreaVendéeAdded SuperAdministrativeAreaPays De La LoireAdded PostalCode85170Verified no change CountryFrance ISO2FRISO3FRA Unmatched Processed Time00:00:00.01 Shortcuts View All To Clipboard Server Status: ssOK Process Status: psOK



2022Q1.1

Le Chesnay (former commune) is returned in locality field

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

Output Script ☐ Parse ☒ Verify

AddressLineSeparator ☐ Match ☐ Search

FieldNameWeight ☐ Format ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 58 Rue Pottier 78150 LE CHESNAY

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P6-100

Organization Empty

SubBuilding Empty

Premise 58 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Rue Pottier Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality **LE CHESNAY** Verified no change

SubAdministrativeArea Saint-Germain-En-Laye Added

AdministrativeArea Yvelines Added

SuperAdministrativeArea Ile-De-France Added

PostalCode 78150 Verified no change

Country France

ISO2 FR ISO3 FRA

Unmatched

Processed Time 00:00:00.09

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

2022Q2.0

Le Chesnay (new commune) is returned in locality field. General improvement in locality field – Changing former commune to new commune.

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

Output Script ☐ Parse ☒ Verify

AddressLineSeparator ☐ Match ☐ Search

FieldNameWeight ☐ Format ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 58 Rue Pottier 78150 LE CHESNAY-ROCQU

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P6-100

Organization Empty

SubBuilding Empty

Premise 58 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Rue Pottier Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality **LE CHESNAY-ROCQUENCOURT** Verified alias change

SubAdministrativeArea Saint-Germain-En-Laye Added

AdministrativeArea Yvelines Added

SuperAdministrativeArea Ile-De-France Added

PostalCode 78150 Verified no change

Country France

ISO2 FR ISO3 FRA

Unmatched

Processed Time 00:00:00.02

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

2022Q1.1

Previously it took 24 seconds to process a complex input address.

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address [UNION DES REALISATIONS MIA SERVICE PHARMACIE 2-4 ROUTE DE PARIS]

Locality [NANTES cedex 3] AdministrativeArea [F44] PostalCode [44314] Country [FR]

OutputScript [] Parse [] Verify [] AddressLineSeparator [] Match [] Search [] FieldNameWeight [] Format [] Geocode [] Enhance []

Clear Options Clear Input Clear Output Process

Output

Address [Union Des Realisations Mia Service Pharma 2-4 Route De Paris 44300 NANTES CEDEX 3] Latitude [47.248808] Longitude [-1.520699] Accuracy [P4] Distance [0.0] Map This Location

Address Quality Index [C] 1 Result Count [1]

Address Verification Code [V44-I45-P4-090]

Organization [Union Des Realisations Mia] Identified context

SubBuilding [] Empty

Premise [2-4] Verified no change

Building [Service Pharma.] Identified alias

PostBox [] Empty

Dependent Thoroughfare [] Empty

Thoroughfare [Route De Paris] Verified no change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [NANTES] Verified no change

SubAdministrativeArea [Nantes] Added

AdministrativeArea [Loire-Atlantique] Added

SuperAdministrativeArea [Pays De La Loire] Added

PostalCode [44300] Verified large change

Country [France]

ISO2 [FR] ISO3 [FRA]

Unmatched [F44]

Processed Time [00:00:24.33]

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

2022Q2.0

It now takes 7 seconds to process the same complex input address. General speed improvement.

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID [] Organization [] Address [UNION DES REALISATIONS MIA SERVICE PHARMACIE 2-4 ROUTE DE PARIS]

Locality [NANTES cedex 3] AdministrativeArea [F44] PostalCode [44314] Country [FR]

OutputScript [] Parse [] Verify [] AddressLineSeparator [] Match [] Search [] FieldNameWeight [] Format [] Geocode [] Enhance []

Clear Options Clear Input Clear Output Process

Output

Address [Union Des Realisations Mia Service Pharma 2-4 Route De Paris 44300 NANTES CEDEX 3] Latitude [47.248549] Longitude [-1.520661] Accuracy [P4] Distance [0.0] Map This Location

Address Quality Index [B] 1 Result Count [1]

Address Verification Code [V44-I45-P4-090]

Organization [Union Des Realisations Mia] Identified context

SubBuilding [] Empty

Premise [2-4] Verified no change

Building [Service Pharma.] Identified alias

PostBox [] Empty

Dependent Thoroughfare [] Empty

Thoroughfare [Route De Paris] Verified no change

DoubleDependentLocality [] Empty

DependentLocality [] Empty

Locality [NANTES] Verified no change

SubAdministrativeArea [Nantes] Added

AdministrativeArea [Loire-Atlantique] Added

SuperAdministrativeArea [Pays De La Loire] Added

PostalCode [44300] Verified large change

Country [France]

ISO2 [FR] ISO3 [FRA]

Unmatched [F44]

Processed Time [00:00:07.46]

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

MAJOR HIGHLIGHTS

Canada

General improvement in parsing of Thoroughfare and Locality.

2022Q1.1	2022Q2.0
ThoroughfareName and Locality incorrectly parsed to Locality and SubAdministrativeArea fields respectively.	Thoroughfare and Locality correctly parsed and verified.
Loqate Demonstration UI v2.42.1.16021-4d37ba4 GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode Input Data ID Organization Address18585 Terrasse Champlain LocalityLasalle AdministrativeArea PostalCodeH8P1C1 CountryCanada OutputScript MaxResults CombinedVerifyMethod Clear Options Clear Input Clear Output Process Output Address8585 Tsse Champlain Lasalle QC H8P 1C1 Latitude45.430051 Longitude-73.622559 AccuracyA2 Distance6717.8 Map This Location Output Address Quality IndexE1Result Count1 Address Verification CodeV42-144-P6-057 OrganizationEmpty Sub-BuildingEmpty Premise8585Verified no change BuildingEmpty PostBoxEmpty Dependent ThoroughfareEmpty ThoroughfareTsse ChamplainVerified large change Double-Dependent LocalityEmpty Dependent LocalityLocalityLasalleVerified large change Sub-Administrative AreaMontréalVerified large change Administrative AreaQCAdded Super-Administrative AreaEmpty Postal CodeH8P 1C1Verified alias change CountryCanada ISO2CAISO3CAN Unmatched Processed Time00:00:01.07 Shortcuts View All To Clipboard Server Status: ssOKProcess Status: psOK	Loqate Demonstration UI v2.42.0.16013-6062831 GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode Input Data ID Organization Address18585 Terrasse Champlain LocalityLasalle AdministrativeArea PostalCodeH8P1C1 CountryCanada Output Script MaxResults CombinedVerifyMethod Clear Options Clear Input Clear Output Process Output Address8585 Tsse Champlain Lasalle QC H8P 1C1 Latitude45.430051 Longitude-73.622559 AccuracyA2 Distance6717.8 Map This Location Output Address Quality IndexA1Result Count1 Address Verification CodeV44-144-P6-100 OrganizationEmpty Sub-BuildingEmpty Premise8585Verified no change BuildingEmpty PostBoxEmpty Dependent ThoroughfareEmpty ThoroughfareTsse ChamplainVerified alias change Double-Dependent LocalityEmpty Dependent LocalityLocalityLasalleVerified no change Sub-Administrative AreaMontréalAdded Administrative AreaQCAdded Super-Administrative AreaEmpty Postal CodeH8P 1C1Verified alias change CountryCanada ISO2CAISO3CAN Unmatched Processed Time00:00:00.47 Shortcuts View All To Clipboard Server Status: ssOKProcess Status: psOK



ThoroughfareName incorrectly parsed to SubAdministrativeArea field.

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

MaxResults ☐ Match ☐ Search

CombinedVerifyMethod ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Raymond Chabot Inc 35 Rue Dufferin J2G4W5 Granby QC Canada Latitude 45.448123 Longitude -72.728373 Accuracy 14 Distance 0.0 Map This Location

Address Quality Index C 1 Result Count 1

Address Verification Code P22-I25-P6-100

Organization Raymond Chabot Inc Identified no change

SubBuilding Empty

Premise 35 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Rue Identified context

DoubleDependentLocality Empty

DependentLocality Empty

Locality Granby Verified no change

SubAdministrativeArea Dufferin Identified no change

AdministrativeArea QC Verified no change

SuperAdministrativeArea Empty

PostalCode J2G 4W5 Verified alias change

Country Canada

ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00.97

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Thoroughfare correctly parsed and verified.

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

MaxResults ☐ Match ☐ Search

CombinedVerifyMethod ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Raymond Chabot Inc 35 Rue Dufferin J2G4W5 Granby QC Canada Latitude 45.399409 Longitude -72.722194 Accuracy 14 Distance 0.0 Map This Location

Address Quality Index V44-I55-P6-100 1 Result Count 1

Address Verification Code V44-I55-P6-100

Organization Raymond Chabot Inc Identified no change

SubBuilding Empty

Premise 35 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Rue Dufferin Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Granby Verified no change

SubAdministrativeArea Empty

AdministrativeArea QC Verified no change

SuperAdministrativeArea Empty

PostalCode J2G 4W5 Verified alias change

Country Canada

ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00.36

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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

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Poland

Removal of "M." suffix from the city in Locality field.

Note: M. stand for Miasto (english translation: city). Research has shown that "M." suffix is uncommon in Poland addressing.

2022Q1.1

"M" suffix city name returned in the Locality field

Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID Organization Address Wolności 18A, 08-300 Sokołów Podlaski

Locality AdministrativeArea PostalCode Country PL

PrimaryValidAlias ForceCountry DefaultCountry

Clear Options Clear Input Clear Output Process

Output

Address Quality Index A 1 Result Count 1

Address Verification Code V44-I44-P6-100

Organization SubBuilding Premise 18A Building PostBox

DependentThoroughfare Thoroughfare Ulica Wolności

DoubleDependentLocality

DependentLocality Locality SOKOŁÓW PODLASKI M. Verified alias change

SubAdministrativeArea Sokolowski Added

AdministrativeArea Mazowieckie Added

SuperAdministrativeArea

PostalCode 08-300 Verified no change

Country Poland

ISO2 PL ISO3 POL

Unmatched

Processed Time 00:00:00.11

Shortcuts View All To Clipboard

Map This Location

Server Status: ssOK Process Status: psOK

2022Q2.0

"M" suffix no longer returned in Locality field

Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID Organization Address Wolności 18A, 08-300 Sokołów Podlaski

Locality AdministrativeArea PostalCode Country PL

PrimaryValidAlias ForceCountry DefaultCountry

Clear Options Clear Input Clear Output Process

Output

Address Quality Index A 1 Result Count 1

Address Verification Code V44-I44-P6-100

Organization SubBuilding Premise 18A Building PostBox

DependentThoroughfare Thoroughfare Ulica Wolności

DoubleDependentLocality

DependentLocality Locality SOKOŁÓW PODLASKI Verified no change

SubAdministrativeArea Sokolowski Added

AdministrativeArea Mazowieckie Added

SuperAdministrativeArea

PostalCode 08-300 Verified no change

Country Poland

ISO2 PL ISO3 POL

Unmatched

Processed Time 00:00:00.00

Shortcuts View All To Clipboard

Map This Location

Server Status: ssOK Process Status: psOK

United States

Improvement is made within the USA geocode reference data to improve geocoding level.

2022Q1.1

GeoAccuracy of "A2" returned

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID Organization Address 9750 GRAY RD, CARMEL, IN 46280, US

Locality AdministrativeArea PostalCode Country US

OutputScript ForceCountry DefaultCountry

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-144-P7-100

Organization Empty

SubBuilding Empty

Premise 9750 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Gray Rd Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Carmel Verified no change

SubAdministrativeArea Hamilton Added

AdministrativeArea IN Verified no change

SuperAdministrativeArea Empty

PostalCode 46280-2948 Verified small change

Country United States

ISO2 US ISO3 USA

Unmatched Us

Processed Time 00:00:18.60

Shortcuts View All To Clipboard

Output

Address 9750 Gray Rd Carmel IN 46280-2948

Latitude 39.933931

Longitude -86.130632

Accuracy A2

Distance 7090.9

Map This Location

Server Status: ssOK Process Status: psOK

2022Q2.0

Improvement in GeoAccuracy from A2 to P4.

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID Organization Address 9750 GRAY RD, CARMEL, IN 46280, US

Locality AdministrativeArea PostalCode Country US

OutputScript ForceCountry DefaultCountry

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code V44-144-P7-100

Organization Empty

SubBuilding Empty

Premise 9750 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Gray Rd Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Carmel Verified no change

SubAdministrativeArea Hamilton Added

AdministrativeArea IN Verified no change

SuperAdministrativeArea Empty

PostalCode 46280-2948 Verified small change

Country United States

ISO2 US ISO3 USA

Unmatched Us

Processed Time 00:00:02.61

Shortcuts View All To Clipboard

Output

Address 9750 Gray Rd Carmel IN 46280-2948

Latitude 39.928770

Longitude -86.090030

Accuracy P4

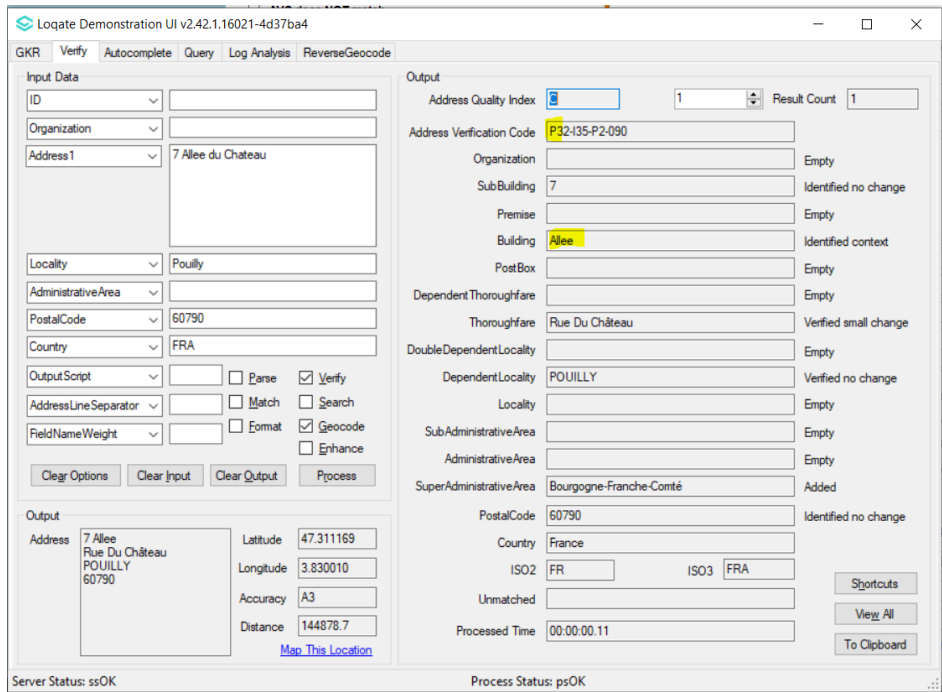
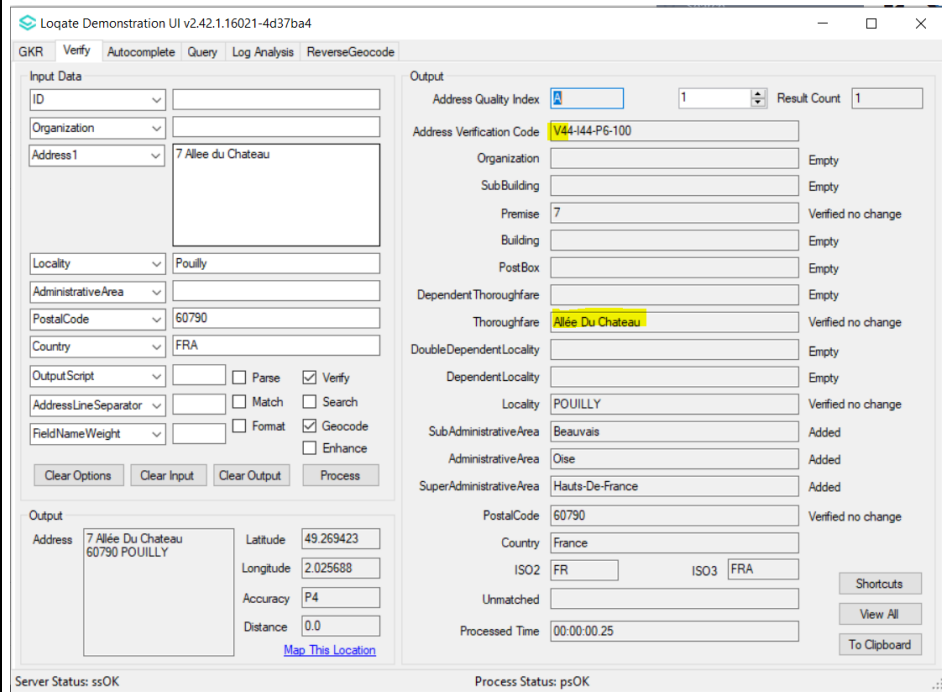
Distance 0.0

Map This Location

Server Status: ssOK Process Status: psOK

Case Resolutions

2022Q2.0 Data related Case Fixes

Case Number	Change Description	Category	Country	Example Address
CAS-53448-Z0G0C7	Improvement of France address matching and verification.	Data	FRA	Address1: 7 Allee du Chateau Locality: Pouilly PostalCode: 60790 Country: FRA
Before Image			After Image	
				

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Case Number	Change Description	Category	Country	Example Address
CAS-70334-G3F0J7	Improvement in locality field - former commune turns invalid.	Data	FRA	-
Before Image		After Image		
<u>The three entries are former commune.</u> Locality 2347897 SubAdministrativeArea 2657841 Château-Gontier<S=LATX,L=FR> -Chateau-Gontier \$Chateau Gontier Locality 1292188 SubAdministrativeArea 2661158 Rocquencourt Locality 1291933 SubAdministrativeArea 2661158 Le Chesnay		<u>The former commune when merged - turns invalid. Primary name is the new commune name</u> Locality 2347897 SubAdministrativeArea 2657841 Château-Gontier-Sur-Mayenne<S=LATX><L=FR> -Chateau-Gontier-Sur-Mayenne \$Château-Gontier \$Chateau Gontier Locality 1291933 SubAdministrativeArea 2661158 Le Chesnay-Rocquencourt<S=LATN><L=FR> \$Le Chesnay \$Rocquencourt		

Case Number	Change Description	Category	Country	Example Address
CAS-64581-F1Y8L5	Improvement in Locality return and AVC level. ANCENIS-SAINT-GÉRÉON is a commune resulting from amalgamation of the communes of ANCENIS and SAINT-GÉRÉON.	Data	FRA	Address: Espace 23-Bd de la Prairie, 44150 Ancenis-Saint-Géréon, France

Before Image

Logate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

AddressLineSeparator ☐ Match ☐ Search

FieldNameWeight ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding Identified no change

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare Identified alias

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Added

Country

ISO2 ISO3

Unmatched

Processed Time

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

After Image

Logate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

AddressLineSeparator ☐ Match ☐ Search

FieldNameWeight ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise

Building Identified no change

PostBox

DependentThoroughfare

Thoroughfare Verified alias change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Address

Latitude

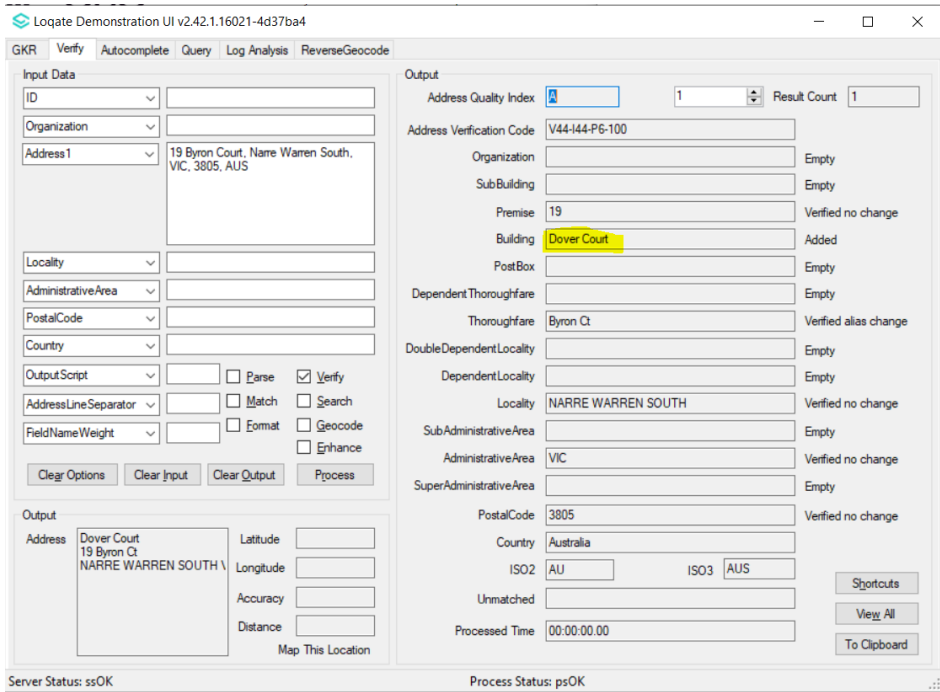
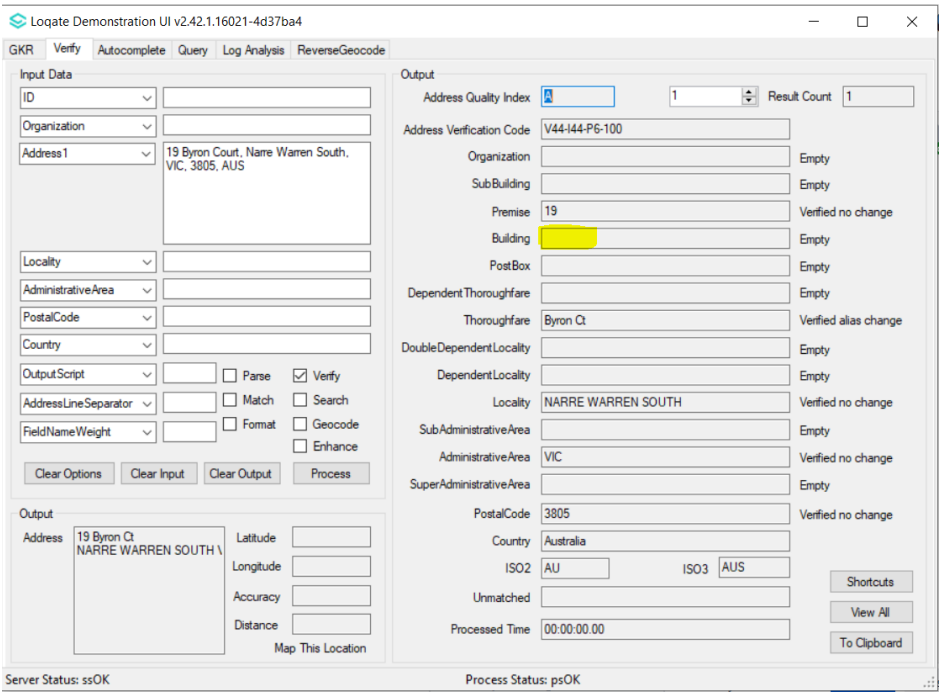
Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-10592-F0C2W9	Removal of Incorrect Building	Data	AUS	Address1: 19 Byron Court, Narre Warren South, VIC, 3805, AUS
Before Image			After Image	
				

Case Number	Change Description	Category	Country	Example Address
CAS-49550-F5T0M4	Locality is no longer missing in the output field	Data	ZAF	Address1: 94 NEW CROSS ROAD Locality: NYANGA PostalCode: 7750 Country: ZAF

Before Image

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

MaxResults

☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Geocode ☐ Enhance

Output

Address Quality Index 1 Result Count 1

Address Verification Code V32-I44-P6-090

Organization

SubBuilding

Premise 94 Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare New Cross Roads Verified small change

DoubleDependentLocality

DependentLocality Nyanga Identified no change

Locality

SubAdministrativeArea City Of Cape Town Added

AdministrativeArea Western Cape Added

SuperAdministrativeArea

PostalCode 7750 Verified no change

Country South Africa

ISO2 ZA ISO3 ZAF

Unmatched

Processed Time 00:00:00.02

Output

Address 94 New Cross Roads
Nyanga
7750

Latitude -33.995560

Longitude 18.582220

Accuracy P3

Distance 0.0

[Map This Location](#)

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.39.1.15377-0102a77

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

MaxResults

☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Geocode ☐ Enhance

Output

Address Quality Index 1 Result Count 1

Address Verification Code P22-I44-P6-100

Organization

SubBuilding

Premise 94 Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare New Cross Rd Identified alias

DoubleDependentLocality

DependentLocality Nyanga Verified no change

Locality Cape Town Added

SubAdministrativeArea City Of Cape Town Added

AdministrativeArea Western Cape Added

SuperAdministrativeArea

PostalCode 7750 Verified no change

Country South Africa

ISO2 ZA ISO3 ZAF

Unmatched

Processed Time 00:00:00.00

Output

Address 94 New Cross Rd
Nyanga
Cape Town
7750

Latitude -33.988229

Longitude 18.583194

Accuracy A2

Distance 1544.3

[Map This Location](#)

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-66488-W5N3G9	Removal of SubAdministrativeArea because it's no longer available/valid under respective AdminisitrativeArea (Leh District should only be under Ladakh)	Data	IND	-
Before Image			After Image	
<u>Leh District is incorrectly under Jammu & Kashmir state</u> SubAdministrativeArea 3115557 AdministrativeArea 3072962 Leh District<S=LATN><L=EN> AdministrativeArea 3072962 Jammu & Kashmir<S=LATN><L=EN>			<u>Leh District is no longer under Jammu & Kashmir state. The relevant district is only under Ladakh state.</u> SubAdministrativeArea 4857999 AdministrativeArea 4857944 Leh Ladakh District<S=LATN><L=EN> AdministrativeArea 4857944 Ladakh<S=LATN><L=EN>	

Case Number	Change Description	Category	Country	Example Address
CAS-56740-Z2R7R4	Improvement on Premise level verification	Data	Mexico	Address1: Emiliano Zapata 51 El Colorado 76246 Country: Mexico Address1: Lazaro Cardenas 36, Francisco I. Madero, 27908 Country: Mexico
Before Image			After Image	

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandi ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Emiliano Zapata 51
Ejido San Miguel Lázaro Cárdenas
76246 El Marqués QUE

Latitude 20.561825

Longitude -100.245838

Accuracy A3

Distance 516.1

[Map This Location](#)

Server Status: ssOK Process Status: psOK

Output

Address Quality Index Result Count 1

Address Verification Code V33-444-P6-078

Organization Empty

SubBuilding Empty

Premise 51 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Emiliano Zapata Verified no change

DoubleDependentLocality Empty

DependentLocality Ejido San Miguel Lázaro Cárdenas Verified large change

Locality Empty

SubAdministrativeArea El Marqués Added

AdministrativeArea QUE Added

SuperAdministrativeArea Empty

PostalCode 76246 Verified no change

Country Mexico

ISO2 MX ISO3 MEX

Unmatched

Processed Time 00:00:00.00

Shortcuts View All To Clipboard

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify

PreferPrimaryValidAlias ☐ Match ☐ Search

MaxMatchRuleCandi ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Calle Lázaro Cárdenas 36
Col Fresno Del Norte
27908 Francisco I. Madero O

Latitude

Longitude

Accuracy

Distance

[Map This Location](#)

Server Status: ssOK Process Status: psOK

Output

Address Quality Index Result Count 1

Address Verification Code V42-144-P6-095

Organization Empty

SubBuilding Empty

Premise 36 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Calle Lázaro Cárdenas Verified large change

DoubleDependentLocality Empty

DependentLocality Col Fresno Del Norte Added

Locality Francisco I. Madero Verified no change

SubAdministrativeArea Francisco I. Madero Added

AdministrativeArea COA Added

SuperAdministrativeArea Empty

PostalCode 27908 Verified no change

Country Mexico

ISO2 MX ISO3 MEX

Unmatched

Processed Time 00:00:00.03

Shortcuts View All To Clipboard

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Av Lázaro Cárdenas 36
Fresno Del Norte
27908 Francisco I. Madero O

Latitude 25.763390

Longitude -103.271608

Accuracy 14

Distance 5.0

[Map This Location](#)

Server Status: ssOK Process Status: psOK

Output

Address Quality Index B 1 Result Count 1

Address Verification Code V32-144-P6-097

Organization Empty

SubBuilding Empty

Premise 36 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Av Lázaro Cárdenas Verified small change

DoubleDependentLocality Empty

DependentLocality Fresno Del Norte Added

Locality Francisco I. Madero Verified no change

SubAdministrativeArea Francisco I Madero Added

AdministrativeArea COA Added

SuperAdministrativeArea Empty

PostalCode 27908 Verified no change

Country Mexico

ISO2 MX ISO3 MEX

Unmatched

Processed Time 00:00:00.00

Shortcuts View All To Clipboard

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

CombinedVerifyMethod ☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Emiliano Zapata 51
Ejido San Miguel Lázaro Cárdenas
76246 El Marqués QUE

Latitude

Longitude

Accuracy

Distance

[Map This Location](#)

Server Status: ssOK Process Status: psOK

Output

Address Quality Index B 1 Result Count 1

Address Verification Code V44-144-P6-084

Organization Empty

SubBuilding Empty

Premise 51 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Emiliano Zapata Verified no change

DoubleDependentLocality Empty

DependentLocality Ejido San Miguel Lázaro Cárdenas Verified large change

Locality Empty

SubAdministrativeArea El Marqués Added

AdministrativeArea QUE Added

SuperAdministrativeArea Empty

PostalCode 76246 Verified no change

Country Mexico

ISO2 MX ISO3 MEX

Unmatched

Processed Time 00:00:00.00

Shortcuts View All To Clipboard

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Case Number	Change Description	Category	Country	Example Address
CAS-65497-Z5P0D6	Improvement of the Primary Name for the Canada Locality	Data	Canada	Address 1: 2130 BOUL LEMIRE DRUMMONDVILLE QC J2B 7E9 Country: Canada
Before Image			After Image	

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Table rd_CA_vfy

Input Data

Field Name	Field Value	Output
AdministrativeArea		☒
SubAdministrativeArea		☒
Locality	Drummondville	☒
Thoroughfare		☐
PremiseNumber		☐
Building		☐
SubBuildingNumber		☐
SubBuildingType		☐
Organization		☐
Department		☐
PostBoxNumber		☐
PostalCodePrimary	J2B 7E9	☒
DeliveryInstallationAreaName		☐
DeliveryInstallationType		☐
DeliveryInstallationQualifierName		☐
Route Type		☐
RouteNumber		☐
BranchName		☐

Results

Reverse Grid

AdministrativeArea	Locality	PostalCodePrimary	SubAdministrativeArea
QuebecQcQuebec魁北克	St-NicéphoreDrummondville	J2B 7E9	Drummondville

1 result(s)

Clear Input Query Insert Close

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Table rd_CA_ggg

Input Data

Field Name	Field Value	Output
AdministrativeArea		☒
SubAdministrativeArea		☒
Locality	Drummondville	☒
Thoroughfare		☐
PremiseNumber		☐
Building		☐
SubBuildingNumber		☐
SubBuildingType		☐
Organization		☐
Department		☐
PostBoxNumber		☐
PostalCodePrimary	J2B 7E9	☒
Latitude		☐
Longitude		☐
DeliveryInstallationAreaName		☐
DeliveryInstallationType		☐
DeliveryInstallationQualifierName		☐
Route Type		☐

Results

Reverse Grid

AdministrativeArea	Locality	PostalCodePrimary	SubAdministrativeArea
QuebecQcQuebec魁北克	St-NicéphoreDrummondville	J2B 7E9	Drummondville

1 result(s)

Clear Input Query

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Table rd_CA_vfy

Input Data

Field Name	Field Value	Output
AdministrativeArea		☒
SubAdministrativeArea		☒
Locality	Drummondville	☒
Thoroughfare		☐
PremiseNumber		☐
Building		☐
SubBuildingNumber		☐
SubBuildingType		☐
Organization		☐
Department		☐
PostBoxNumber		☐
PostalCodePrimary	J2B 7E9	☒
DeliveryInstallationAreaName		☐
DeliveryInstallationType		☐
DeliveryInstallationQualifierName		☐
Route Type		☐
RouteNumber		☐
BranchName		☐

Results

Reverse Grid

AdministrativeArea	Locality	PostalCodePrimary	SubAdministrativeArea
QuebecQcQuebec魁北克	Drummondville	J2B 7E9	Drummondville

1 result(s)

Clear Input Query Insert Close

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Table rd_CA_ggg

Input Data

Field Name	Field Value	Output
AdministrativeArea		☒
SubAdministrativeArea		☒
Locality	DRUMMONDVILLE	☒
Thoroughfare		☐
PremiseNumber		☐
Building		☐
SubBuildingNumber		☐
SubBuildingType		☐
Organization		☐
Department		☐
PostBoxNumber		☐
PostalCodePrimary	J2B 7E9	☒
Latitude		☐
Longitude		☐
DeliveryInstallationAreaName		☐
DeliveryInstallationType		☐
DeliveryInstallationQualifierName		☐
Route Type		☐

Results

Reverse Grid

AdministrativeArea	Locality	PostalCodePrimary	SubAdministrativeArea
QuebecQcQuebec魁北克	Drummondville	J2B 7E9	Drummondville

1 result(s)

Clear Input Query

Server Status: ssOK Process Status: psOK

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<u>St-Nicéphore are former primary name</u> Locality 616880 SubAdministrativeArea 616879 St-Nicéphore<S=LATX,L=FR> -St-Nicephore Drummondville<S=LATN,L=EN> \$\$Saint-Charles-de-Drummond \$\$Saint-Joachim-de-Courval \$\$Saint-Nicephore \$\$St-Joachim-de-Courval \$\$St-Charles-de-Drummond	<u>Drummondville is the new primary name and St-Nicéphore is set as invalid alias</u> Locality 616880 SubAdministrativeArea 616879 Drummondville<S=LATN><L=FR> \$\$Saint-Charles-de-Drummond \$\$Saint-Joachim-de-Courval \$\$Saint-Nicephore \$\$St-Nicéphore \$\$St-Joachim-de-Courval \$\$St-Charles-de-Drummond
--	--

Case Number	Change Description	Category	Country	Example Address
CAS-68445-R0V3Z0	Corrected the missing Locality for Argentina	Data	Argentina	-
Before Image			After Image	
<u>Previously, Locality Paraná does not exist. Paraná only exists as SubAdministrativeArea</u> SubAdministrativeArea 51682 AdministrativeArea 51681 Paraná<S=LATX,L=ES> -Parana \$Ba La Na 파라나<S=HANG,L=KO> 巴拉那<S=HANS,L=ZH>			<u>Locality Paraná is now exist</u> SubAdministrativeArea 51682 AdministrativeArea 51681 Paraná<S=LATN><L=ES> -Parana \$Ba La Na 파라나<S=HANG><L=KO> 巴拉那<S=HANS><L=ZH> Locality 52223 SubAdministrativeArea 51682 Paraná<S=LATN><L=ES> -Parana \$Ba La Na 파라나<S=HANG><L=KO> 巴拉那<S=HANS><L=ZH> \$3100 \$3114 \$3116 \$3118 \$3132 \$3134 E3100 E3114 E3116 E3118 E3132 E3134	

Case Number	Change Description	Category	Country	Example Address
CAS-70950-H2D8V9	Corrected the primary valid alias of Localities to original native names in diacritic for Seed file.	Data	PRI	N/A
Before Image			After Image	
<u>The alias with diacritic is not set as the primary valid alias.</u> Locality 13866 SubAdministrativeArea 13865 Anasco<S=LATN,L=ES> \$Añasco \$A Ni Ya Si Ke 阿尼亚斯科<S=HANS,L=ZH> Locality 24438 SubAdministrativeArea 24431 Comerio<S=LATN,L=ES> \$Comerio \$Ke Mei Li Ao 科梅里奥<S=HANS,L=ZH>			<u>The alias with diacritic is set as the primary valid alias.</u> Locality 13866 SubAdministrativeArea 13865 Añasco<S=LATX,L=ES> - Anasco \$A Ni Ya Si Ke 阿尼亚斯科<S=HANS,L=ZH> Locality 24438 SubAdministrativeArea 24431 Comerío<S=LATX,L=ES> - Comerio \$Ke Mei Li Ao 科梅里奥<S=HANS,L=ZH>	

Case Number	Change Description	Category	Country	Example Address
CAS-65049-G1D6J1	Improvement on Locality and Thoroughfare parsing and verification with option CombinedVerifyMethods=OFF.	Data	CAN	A total of 25 addresses provided. Three are shown below. Address1: 557 RUE HUBERDEAU Locality: LAVAL AdministrativeArea: QC PostalCode: H7X1P6 Country: CAN Address1: 3207 RUE VERRET Locality: QUÉBEC AdministrativeArea: QC PostalCode: G2B1G6 Country: CAN Address1: 3532 RUE LA SALLE Locality: LAC-MEGANTIC AdministrativeArea: QC PostalCode: G6B1T3 Country: CAN
Before Image			After Image	

Logate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Parse ☐ Verify ☒ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance ☐

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Identified context

DoubleDependentLocality

DependentLocality

Locality Verified large change

SubAdministrativeArea Verified no change

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified alias change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Parse ☐ Verify ☒ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance ☐

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified alias change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Logate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Parse ☐ Verify ☒

Match ☐ Search ☐

Format ☐ Geocode ☒

Enhance ☐

Clear Options Clear Input Clear Output Process

Output

Address 3207 Rue Québec QC G2B 1G6

Latitude 46.847920

Longitude -71.365837

Accuracy P2

Distance 0.0

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index D 1 Result Count 1

Address Verification Code P22-124-P6-082

Organization Empty

SubBuilding Empty

Premise 3207 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Rue Identified context

DoubleDependentLocality Empty

DependentLocality Empty

Locality Québec Verified large change

SubAdministrativeArea Québec Verified alias change

AdministrativeArea QC Verified no change

SuperAdministrativeArea Empty

PostalCode G2B 1G6 Verified alias change

Country Canada

ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00:39

Shortcuts View All To Clipboard

Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Parse ☐ Verify ☒

Match ☐ Search ☐

Format ☐ Geocode ☒

Enhance ☐

Clear Options Clear Input Clear Output Process

Output

Address 3207 Rue Verret Québec QC G2B 1G6

Latitude 46.847920

Longitude -71.365837

Accuracy P3

Distance 0.0

Map This Location

Server Status: ssOK

Process Status: psOK

Output

Address Quality Index B 1 Result Count 1

Address Verification Code V33-144-P6-100

Organization Empty

SubBuilding Empty

Premise 3207 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Rue Verret Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Québec Verified alias change

SubAdministrativeArea Québec Added

AdministrativeArea QC Verified no change

SuperAdministrativeArea Empty

PostalCode G2B 1G6 Verified alias change

Country Canada

ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00:28

Shortcuts View All To Clipboard

Logate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Parse ☐ Verify ☒ Match ☐ Search ☐ Format ☐ Geocode ☒ Enhance ☐

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Identified context

DoubleDependentLocality

DependentLocality

Locality Verified large change

SubAdministrativeArea Verified no change

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified alias change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Parse ☐ Verify ☒ Match ☐ Search ☐ Format ☐ Geocode ☒ Enhance ☐

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified alias change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-68051-T3B2P6	Improvement on Locality and Thoroughfare parsing with higher AVC match score.	Data	CAN	Address1: 24 Glen Ames Locality: Toronto AdministrativeArea: ON PostalCode: M4E 1M4 Country: CAN Address1: 3399 The Credit Woodlands Locality: Mississauga AdministrativeArea: ON PostalCode: L5C 2K2 Country: CAN Address1: 258 Indian Road Crescent Locality: Toronto AdministrativeArea: ON PostalCode: M6P 2G7 Country: CAN Address1: 20 Port Union Road Locality: Toronto AdministrativeArea: ON PostalCode: M1C 5K5 Country: CAN
Before Image			After Image	

Logate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

MaxResults ☐ Match ☐ Search

CombinedVerifyMethod ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified large change

DoubleDependentLocality

DependentLocality

Locality Verified large change

SubAdministrativeArea Verified no change

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

MaxResults ☐ Match ☐ Search

CombinedVerifyMethod ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

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Logate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified large change

DoubleDependentLocality

DependentLocality

Locality Verified large change

SubAdministrativeArea Verified no change

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Logate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified large change

DoubleDependentLocality

DependentLocality

Locality Verified large change

SubAdministrativeArea Verified no change

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified alias change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

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Logate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

MaxResults ☐ Match ☐ Search

CombinedVerifyMethod ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 20 Port Union Rd Toronto ON M1C 5K5 Latitude 43.777426 Longitude -79.136101 Accuracy I4 Distance 0.0 Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code V42-I44-P6-081

Organization Empty

SubBuilding Empty

Premise 20 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Port Union Rd Verified large change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Toronto Verified large change

SubAdministrativeArea Toronto Verified no change

AdministrativeArea ON Verified no change

SuperAdministrativeArea Empty

PostalCode M1C 5K5 Verified no change

Country Canada

ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00.43

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

MaxResults ☐ Match ☐ Search

CombinedVerifyMethod ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 20 Port Union Rd Toronto ON M1C 5K5 Latitude 43.777426 Longitude -79.136101 Accuracy I4 Distance 0.0 Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P6-100

Organization Empty

SubBuilding Empty

Premise 20 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Port Union Rd Verified alias change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Toronto Verified no change

SubAdministrativeArea Toronto Added

AdministrativeArea ON Verified no change

SuperAdministrativeArea Empty

PostalCode M1C 5K5 Verified no change

Country Canada

ISO2 CA ISO3 CAN

Unmatched

Processed Time 00:00:00.12

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-58833-X8Q9W5	Improvement on Building parsing and Thoroughfare verification.	Data	ESP	Address: hotel asturias , calle de sevilla 2, madrid, 28014 Country: ESP

Before Image

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code V42-I44-P6-090

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Calle De Sevilla Verified large change

DoubleDependentLocality

DependentLocality

Locality MADRID Verified no change

SubAdministrativeArea Area Metropolitana Added

AdministrativeArea Madrid Added

SuperAdministrativeArea Comunidad De Madrid Added

PostalCode 28014 Verified no change

Country Spain

ISO2 ES ISO3 ESP

Unmatched

Processed Time 00:00:01.52

Shortcuts View All To Clipboard

Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

StrictReferenceMatch

☐ Parse ☒ Verify ☐ Match ☐ Search ☐ 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 Verified no change

Building Hotel Asturias Identified no change

PostBox

DependentThoroughfare

Thoroughfare Calle De Sevilla Verified no change

DoubleDependentLocality

DependentLocality

Locality MADRID Verified no change

SubAdministrativeArea Area Metropolitana Added

AdministrativeArea Madrid Added

SuperAdministrativeArea Comunidad De Madrid Added

PostalCode 28014 Verified no change

Country Spain

ISO2 ES ISO3 ESP

Unmatched

Processed Time 00:00:01.32

Shortcuts View All To Clipboard

Map This Location

Server Status: ssOK Process Status: psOK

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Case Number	Change Description	Category	Country	Example Address
CAS-04783-J3G0W9	Improvement on address parsing and verification when input have a mix of Native and Latin input.	Data	RUS	Address1: Ул Stachki pr-k 25 Locality: Rostov-na-Donu Country: Russia Address1: Ул Gruzinskaya 7 Locality: Perm Country: Russia Address1: Ул Lyambirskoe sh. 15 Locality: Saransk Country: Russia
Before Image			After Image	

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Identified alias

DoubleDependentLocality

DependentLocality Added

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Added

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address
Zheleznodorozhnyi Rayon
Rostov-on-Don
Rostov Oblast
344004

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified alias change

DoubleDependentLocality

DependentLocality Added

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Added

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address
Zheleznodorozhnyi Rayon
Rostov-on-Don
Rostov Oblast
344004

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Clear Options Clear Input Clear Output Process

Output

Address Yn Gruzinskaya 7
Dzerzhinskiy Rayon
Perm
Perm Krai
614081

Latitude 57.997709
Longitude 56.211679
Accuracy A2
Distance 1433.9
[Map This Location](#)

Address Quality Index C 1 Result Count 1

Address Verification Code P22-144-P3-100

Organization

SubBuilding

Premise 7 Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Yn Gruzinskaya Identified alias

DoubleDependentLocality

DependentLocality Dzerzhinskiy Rayon Added

Locality Perm Verified no change

SubAdministrativeArea

AdministrativeArea Perm Krai Added

SuperAdministrativeArea Volga Federal District Added

PostalCode 614081 Added

Country Russian Federation

ISO2 RU ISO3 RUS

Unmatched

Processed Time 00:00:00.00

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Clear Options Clear Input Clear Output Process

Output

Address Gruzinskaya Ulitsa 7
Dzerzhinskiy Rayon
Perm
Perm Krai
614081

Latitude 58.000690
Longitude 56.207460
Accuracy P4
Distance 0.0
[Map This Location](#)

Address Quality Index A 1 Result Count 1

Address Verification Code V44-144-P3-100

Organization

SubBuilding

Premise 7 Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Gruzinskaya Ulitsa Verified alias change

DoubleDependentLocality

DependentLocality Dzerzhinskiy Rayon Added

Locality Perm Verified no change

SubAdministrativeArea

AdministrativeArea Perm Krai Added

SuperAdministrativeArea Volga Federal District Added

PostalCode 614081 Added

Country Russian Federation

ISO2 RU ISO3 RUS

Unmatched

Processed Time 00:00:00.40

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

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Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Parse ☐ Verify ☒ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance ☐

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Identified alias

DoubleDependentLocality

DependentLocality Added

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Added

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Logate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

MaxResults

CombinedVerifyMethod

Parse ☐ Verify ☒ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance ☐

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified alias change

DoubleDependentLocality

DependentLocality Added

Locality Verified no change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea Added

PostalCode Added

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Output

Address

Latitude

Longitude

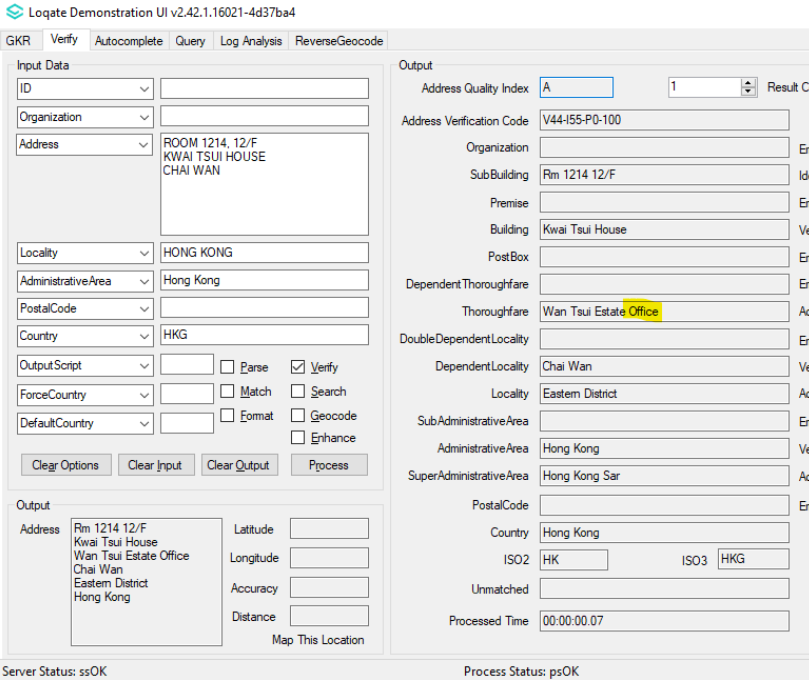
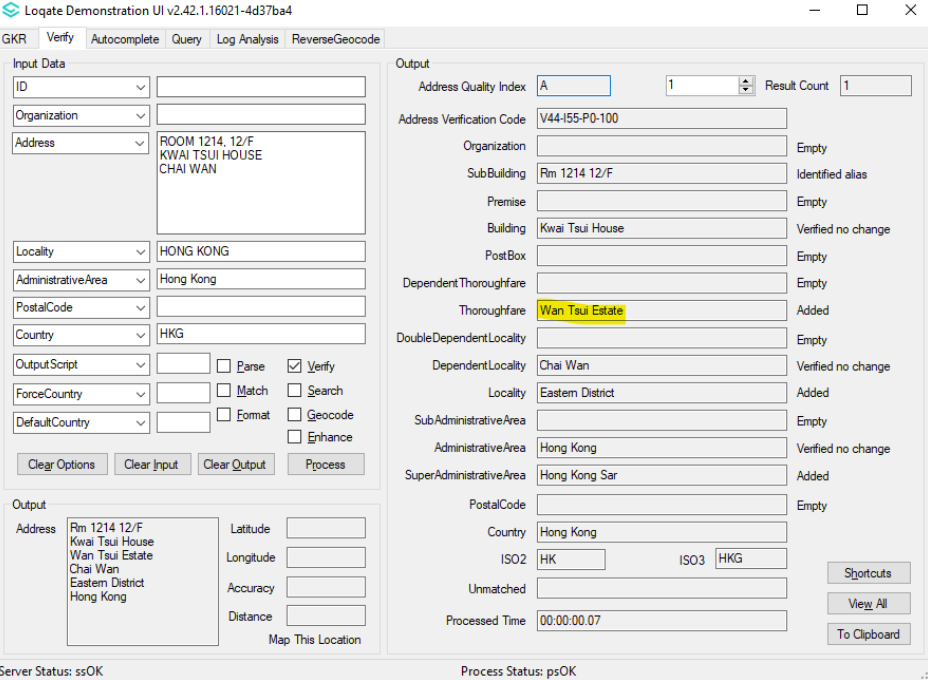
Accuracy

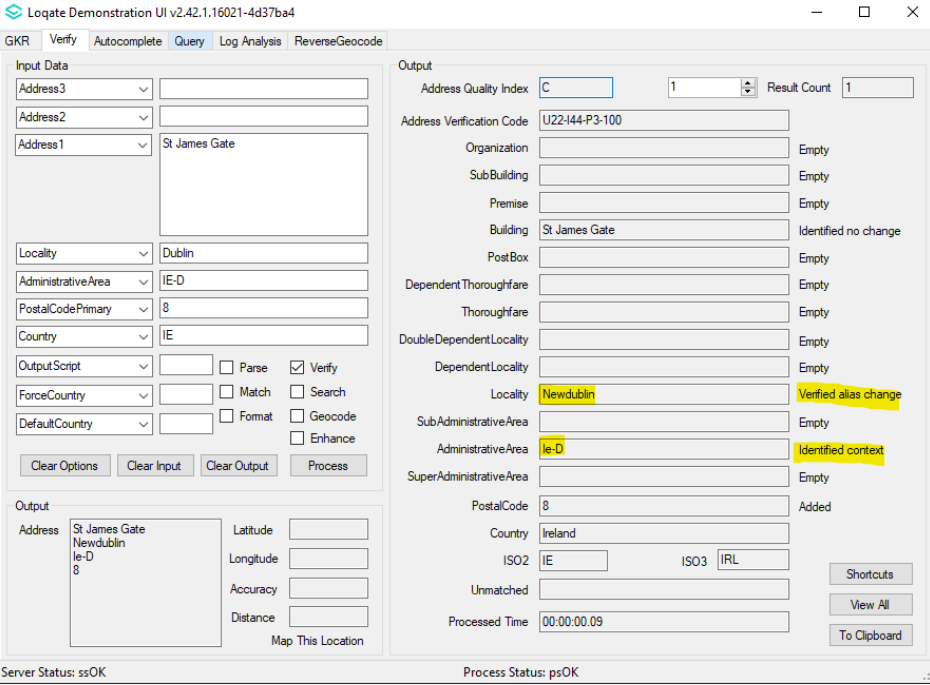
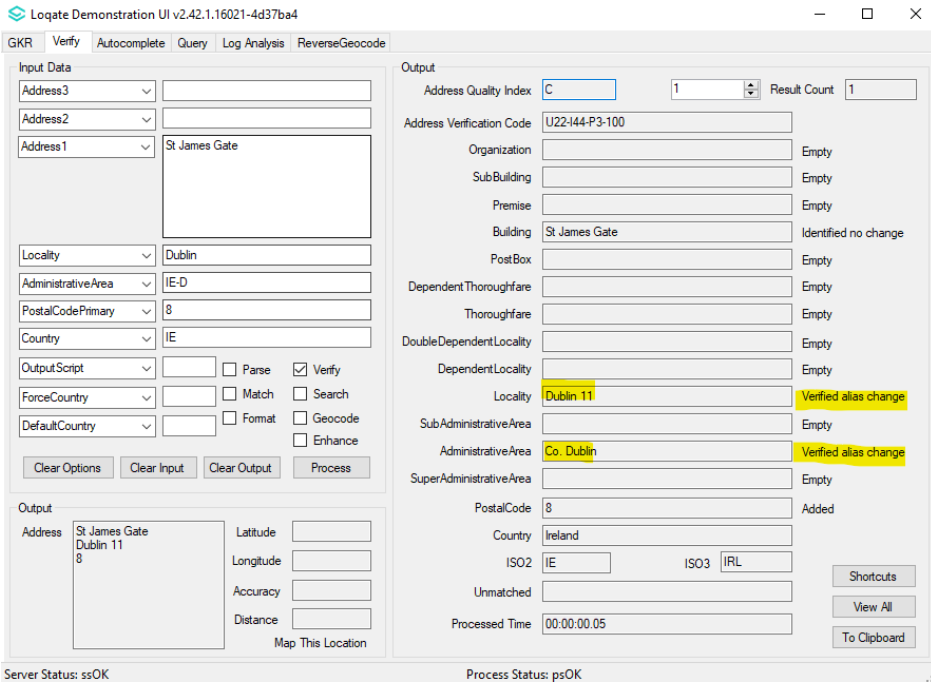
Distance

Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-41802-G2M8S6	Included a list of missing PostalCode into Seed file.	Data	RUS	Some of the PostalCodes that are missing now added into Seed file.
Before Image			After Image	
PostalCodes not found in Seed file.			<u>PostalCodes found in newer Seed file.</u> Locality 786462 SubAdministrativeArea 575758 Kalinovka<S=LATN,L=EN> Калиновка<S=CYRL,L=RU> 423800 423871 Locality 575901 SubAdministrativeArea 575758 Kuperle<S=LATN,L=EN> Куперле<S=CYRL,L=RU> 423800 423871 Locality 575977 SubAdministrativeArea 575758 Shukrale<S=LATN,L=EN> Шукрале<S=CYRL,L=RU> 423800 423871 Locality 759997 SubAdministrativeArea 189233 Izbishchi<S=LATN,L=EN> Избищи<S=CYRL,L=RU> 399844 399845 399850 Locality 576595 SubAdministrativeArea 576323 Danaurovka<S=LATN,L=EN> Данауровка<S=CYRL,L=RU> 422951 422953 Locality 760537 SubAdministrativeArea 190947 Darenovka<S=LATN,L=EN> Дарёновка<S=CYRL,L=RU> Дарёновка 398502 398506 Locality 760538 SubAdministrativeArea 190947 Davydovka<S=LATN,L=EN> Давыдовка<S=CYRL,L=RU> 398502 398506 Locality 191129 SubAdministrativeArea 190947 Tyushevka<S=LATN,L=EN> Тюшевка<S=CYRL,L=RU> 398502 398506 Locality 573693 SubAdministrativeArea 573660 Nizhnekamsk<S=LATN,L=EN> Nijnekamsk \$Nischnekamsk \$Nizjekamsk \$Nižněkamsk \$Niznekamsk \$Nižnekamsk \$Nižniekamsk \$Nyizsnyekamszk \$Nizniekamsk Нижнекамск<S=CYRL,L=RU> Νιζνεκάμσκ<S=GREQ,L=EL> 422582 423551 423556 423570 423571 423572 423574 423575 423576 423577 423578 423579 423580 423582 423584 423585 423586 423587 423599 Locality 190231 SubAdministrativeArea 190182 Eletsky<S=LATN,L=EN> Елецкий<S=CYRL,L=RU> 399741 399750 399762 399774	

Case Number	Change Description	Category	Country	Example Address
CAS-37251-G7B9D2	Removed "office" from thoroughfare names	Data	HKG	Address1: ROOM 402 4/F Address2: CHUN YU HOUSE Address3: SAM SHING ESTATE Address4: TUEN MUN Locality: NEW TERRITORIES Country: HKG
Before Image			After Image	
				

Case Number	Change Description	Category	Country	Example Address
CAS-63818-R6K3Q0	Improved the parsing of "IE-D" as an AdministrativeArea to match Regular IE data	Data Premium	IRL	Address1: St James Gate Locality: Dublin AdministrativeArea: IE-D PostalCode: 8 Country: IE
Before Image			After Image	
 Loqate Demonstration UI v2.42.1.16021-4d37ba4 Input Data: Address3, Address2, Address1 (St James Gate), Locality (Dublin), AdministrativeArea (IE-D), PostalCodePrimary (8), Country (IE). Output: Address Quality Index (C), Address Verification Code (U22-144-P3-100), Organization (Empty), SubBuilding (Empty), Premise (Empty), Building (St James Gate, Identified no change), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Empty), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Newdublin, Verified alias change), SubAdministrativeArea (Empty), AdministrativeArea (ie-D, Identified context), SuperAdministrativeArea (Empty), PostalCode (8), Country (Ireland), ISO2 (IE), ISO3 (IRL), Unmatched (Empty), Processed Time (00:00:00.09). Server Status: ssOK, Process Status: psOK			 Loqate Demonstration UI v2.42.1.16021-4d37ba4 Input Data: Address3, Address2, Address1 (St James Gate), Locality (Dublin), AdministrativeArea (IE-D), PostalCodePrimary (8), Country (IE). Output: Address Quality Index (C), Address Verification Code (U22-144-P3-100), Organization (Empty), SubBuilding (Empty), Premise (Empty), Building (St James Gate, Identified no change), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Empty), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Dublin 11, Verified alias change), SubAdministrativeArea (Empty), AdministrativeArea (Co. Dublin, Verified alias change), SuperAdministrativeArea (Empty), PostalCode (8), Country (Ireland), ISO2 (IE), ISO3 (IRL), Unmatched (Empty), Processed Time (00:00:00.05). Server Status: ssOK, Process Status: psOK	

Case Number	Change Description	Category	Country	Example Address
CAS-69120-V3R1W2	Improved the parsing of 藥庫 as OrganizationType	Data	TWN	Address1: 軍校路 5 5 3 號 B 1 藥庫 Locality: 左營區 AdministrativeArea: 左營區 PostalCode: 81342 Country: TW

Before Image

Loqate Demonstration UI v2.41.0.15851-05b955f

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 81342 高雄市左營區軍校路B1藥庫

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Address Quality Index 1 Result Count 1

Address Verification Code V32-144-P6-071

Organization Empty

SubBuilding Empty

Premise B1 Identified no change

Building 藥庫 Identified context

PostBox Empty

DependentThoroughfare Empty

Thoroughfare 軍校路 Verified large change

DoubleDependentLocality Empty

DependentLocality Empty

Locality 左營區 Verified no change

SubAdministrativeArea Empty

AdministrativeArea 高雄市 Verified large change

SuperAdministrativeArea Empty

PostalCode 81342 Verified no change

Country Taiwan, Province Of China

ISO2 TW ISO3 TWN

Unmatched

Processed Time 00:00:00.03

Shortcuts View All To Clipboard

After Image

Loqate Demonstration UI v2.41.0.15851-05b955f

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript ☐ Parse ☒ Verify

ForceCountry ☐ Match ☐ Search

DefaultCountry ☐ Format ☐ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 81342 高雄市左營區軍校路553號

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK

Process Status: psOK

Address Quality Index 1 Result Count 1

Address Verification Code V44-155-P6-082

Organization B1 藥庫 Identified no change

SubBuilding Empty

Premise 553號 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare 軍校路 Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality 左營區 Verified no change

SubAdministrativeArea Empty

AdministrativeArea 高雄市 Verified large change

SuperAdministrativeArea Empty

PostalCode 81342 Verified no change

Country Taiwan, Province Of China

ISO2 TW ISO3 TWN

Unmatched

Processed Time 00:00:00.05

Shortcuts View All To Clipboard

Case Number	Change Description	Category	Country	Example Address
CAS-65846-Q5Y9Y5	Improvement is made within the USA geocode reference data to improve geocoding level	Data	USA	Address1: 9750 GRAY RD, CARMEL, IN 46280, US

Before Image

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 9750 Gray Rd
Carmel IN 46280-2948

Latitude

Longitude

Accuracy

Distance

[Map This Location](#)

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P7-100

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified small change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.42.0.16013-6062831

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Format ☒ Geocode ☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address 9750 Gray Rd
Carmel IN 46280-2948

Latitude

Longitude

Accuracy

Distance

[Map This Location](#)

Address Quality Index 1 Result Count 1

Address Verification Code V44-I44-P7-100

Organization

SubBuilding

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Verified no change

SuperAdministrativeArea

PostalCode Verified small change

Country

ISO2 ISO3

Unmatched

Processed Time

Shortcuts View All To Clipboard

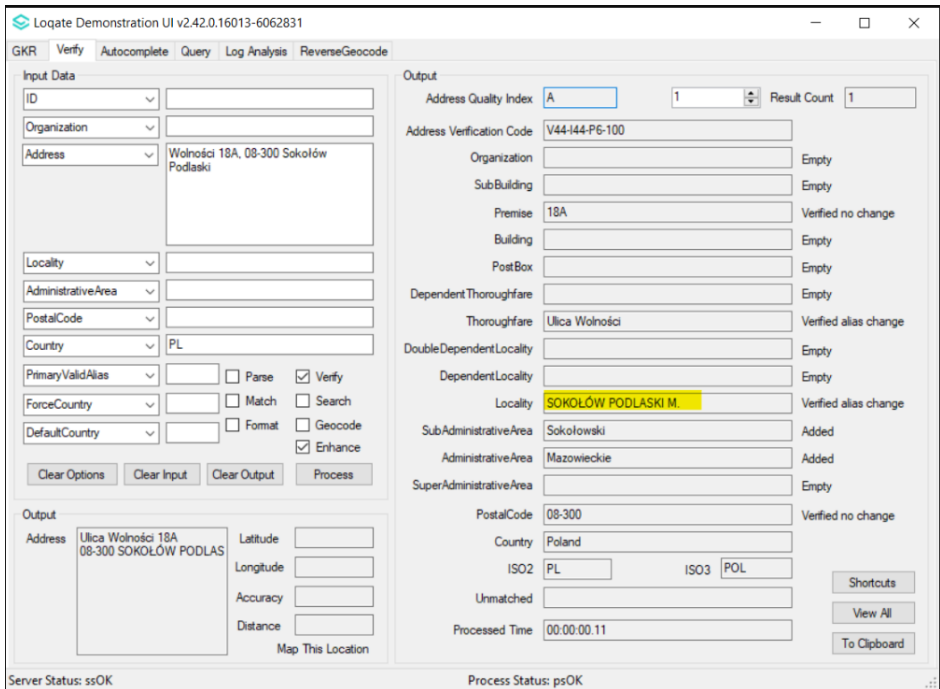
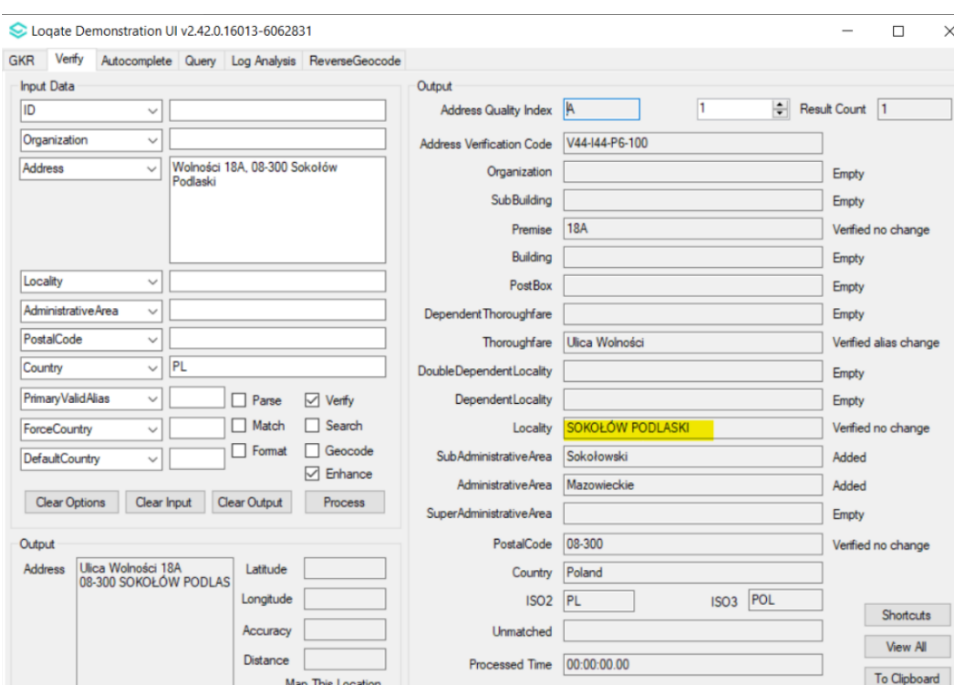
Server Status: ssOK Process Status: psOK

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

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Case Number	Change Description	Category	Country	Example Address
CAS-68777-G3W7N9	Removal of "M." suffix from Miasto name (under Locality field)	Data	POL	Address1: Wolności 18A, 08-300 Sokołów Podlaski Country: PL
Before Image			After Image	
				

Case Number	Change Description	Category	Country	Example Address
CAS-53731-X3C5L8	Added list of missing postal code.	Data	NOR	-
Before Image			After Image	
<u>PostalCodes not found in Seed file.</u>			<u>PostalCodes found in newer Seed file.</u> Locality 809399 SubAdministrativeArea 626258 Hopen<S=LATN,L=NB> <u>9174</u> Locality 809401 SubAdministrativeArea 626258 Sveagruva<S=LATN,L=NB> <u>9175</u> Locality 809398 SubAdministrativeArea 626258 Bjørnøya<S=LATX,L=NB> -Bjornoya <u>9176</u> Locality 809397 SubAdministrativeArea 626258 Barentsburg<S=LATN,L=NB> <u>9178</u> Locality 89051 SubAdministrativeArea 89047 Oslo<S=LATN,L=NB> 0001 <u>0018</u> 0021 0024 0028 0030 0031 0032 0033 0034 0040 <u>0045</u> 0046 0047 0048 0055 0060 0081 0101 0102 0103 0104 0105 0106 0107 0109 0110 0111 0112 0113 0114 0115 0116 0117 0118 0119 0120 0121 0122 0123 0124 0125 0128 0129 0130 0131 0132 0133 0134 0135 0136 0138 0140 0201 0202 0203 0204 0207 0208 0211 0212 0213 0214 0215 0216 0217 0218 0230 0240 0244 0247 0301 0302 0303 0304 0305 0306 0307 0308 0309 0311 0313 0314 0315 0316 0317 0318 0319 0323 0330 0401 0402 0403 0404 0405 0406 0408 0409 0410 0411 0412 0413 0415 0421 0422 0423 0424 0440 0441 0442 0501 0502 0503 0504 0505 0506 0507 0508 0509 0510 0511 0512 0513 0515 0516 0517 0518 0520 0540 0601 0602 0603 0604 0605 0606 0607 0608 0609 0611 0612 0613 0614 0615 0616 0617 0618 0619 0620 0621 0622 0623 0624 0626 0701 0702 0705 0710 0712 0801 0805 0806 0807 0840 0901 0902 0903 0904 0905 0907 0908 0913 0914 0915 1001 1003 1005 1006 1007 1008 1009 1011 1101 1102 1108 1109 1112 1201 1203 1204 1205 1207 1214 1215 Locality 782253 SubAdministrativeArea 782203 Jan Mayen<S=LATN,L=NB> <u>8099</u>	

Release Notes – Geographic Hierarchy (Seed)

2022Q2.0 Major Release

Overview

The following document identifies all improvements and changes made to the Seed data files for the Loqate 2022Q2.0 Major Release.

Case Resolutions

The below section includes a summary of resolved cases in this release that have an impact on Seed data files.

External issue ID	Country	Description
CAS-68445-R0V3Z0	AR	GEO: City Parana is missing under Argentina: 33356550
CAS-65497-Z5P0D6	CA	GEO: Drummondville City is still missing under QC (Quebec) province of CANADA: 33551912
CAS-70334-G3F0J7	FR	Geo Seed and PDH: A few France FR cities are outdated 33831123
CAS-66488-W5N3G9	IN	Geo Seed: India IN please make City Leh available only under Ladakh State 33109098
CAS-53731-X3C5L8	NO	Norway (Ambita) Extra Postcodes/PO BOX
CAS-68777-G3W7N9	PL	Loqate API: Regression in Poland PL with additional M. suffix in city name 32513952
CAS-70950-H2D8V9	PR	Geo Seed: Puerto Rico PR AdministrativeArea language tags

File Changes

The table below indicates the count of changed rows between the previous and current release. There are no or nominal changes for all other country files.

Country	Count	Description
AR	1	Fixed missing City Parana. (CAS-68445-R0V3Z0 GEO: City Parana is missing under Argentina: 33356550).

AU	1499	Country Refresh
CA	589	Fixed missing Drummondville City. (CAS-65497-Z5P0D6 GEO: Drummondville City is still missing under QC (Quebec) province of CANADA: 33551912).
DE	556	Country Refresh
FR	255811	1. Updated data with merged communes. (CAS-70334-G3F0J7 Geo Seed and PDH: A few France FR cities are outdated 33831123). 2. Country Refresh 3. Removal of DependentLocality field
GB	454	Country Refresh
HK	2	Country Refresh
IN	402	Removed incorrect 'Leh District' from Jammu & Kashmir Administrative Area. (CAS-66488-W5N3G9 Geo Seed: India IN please make City Leh available only under Ladakh State 33109098).
JE	1	Country Refresh
MX	9336	Country Refresh
NO	1693	1. PO Box postal code addition. (CAS-53731-X3C5L8 Norway (Ambita) Extra Postcodes/PO BOX). 2. Data Refresh 3. Addition of a new AdministrativeArea - Jan Mayen.
PL	148	Removed additional M. suffix in city name. (CAS-68777-G3W7N9 Loqate API: Regression in Poland PL with additional M. suffix in city name 32513952).
PR	25	Set diacritic alias as the primary name. (CAS-70950-H2D8V9 Geo Seed: Puerto Rico PR AdministrativeArea language tags).
ZA	11674	Country Refresh

Geographic Structure Changes

The following table describe changes to the country structures document.

Dataset	Description
France	Removal of DependentLocality level