

GBG Loqate Release Notes

2016Q3.2

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364  @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



Table of Contents

Case Resolutions 3

Local API Updates 3

 CASS RDI Update..... 3

 Improved Transliteration for Thailand 3

Global Knowledge Repository (GKR) Updates..... 4

 Address format change for Brazil..... 4

 Czech Republic 7

 Lithuania 9

Installation Instructions 19

 Standard GBG Loqate Installation (Multi-threaded) 19

 Single-threaded GBG Loqate Installation 20

Need Help? 21

Case Resolutions

Please visit http://www.loqate.com/support/releasenotes/2016Q3_2cases for a list of cases resolved in this release.

If you would like more details on any of the solved cases listed, please contact support@loqate.com for further information.

Local API Updates

CASS RDI Update

USPS has implemented a new hash algorithm for the RDI data point in the CASS data set. Because of this, we have updated our Secure Hash Algorithm (SHA) logic to use SHA256 algorithm in place of SHA1. Users using CASS need update to this minor release to be able to get accurate RDI results with the next release of the CASS data set.

Improved Transliteration for Thailand

GBG Loqate has improved its transliteration capabilities in Thailand.

The following screen shot shows the result before this change.

The screenshot displays the Loqate Demonstration UI v2.15.0.7772. The interface is divided into two main sections: Input Data and Output. The Input Data section contains fields for ID, Organization, Address, Locality, AdministrativeArea, PostalCode, Country, OutputScript, ForceCountry, and DefaultCountry. The Address field is populated with '254 ถนนพญาไท แขวงวังใหม่ เขตปทุมวัน กทม. 10330'. The Output section displays the results of the address verification process, including Address Quality Index (C), Result (1), Result Count (1), Address Verification Code (P22-I24-P6-100), Organization, SubBuilding, Premise (254), Building, PostBox, DependentThoroughfare, Thoroughfare (ถนนพญาไท แขวงวังใหม่ เขตปทุมวัน กทม.), DoubleDependentLocality, DependentLocality, Locality (Pathum Wan), SubAdministrativeArea, AdministrativeArea (Bangkok), SuperAdministrativeArea, PostalCode (10330), Country (Thailand), ISO2 (TH), ISO3 (THA), Unmatched, and Processed Time (00:00:00.01). The bottom status bar shows 'Server Status: ssOK' and 'Process Status: psOK'.

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364 | support@loqate.com | webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.

The following screen shot shows the result after this change.

Loqate Demonstration UI v2.20.2.8672

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID Organization Address 254 ถนนพญาไท แขวงวังใหม่ เขตปทุมวัน กทม. 10330

Locality AdministrativeArea PostalCode Country TH

OutputScript Latn Parse Verify ForceCountry Match Search DefaultCountry Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address 254 Thanonphya Thai Khwa Pathum Wan Bangkok 10330

Latitude Longitude Accuracy Distance Map This Location

Output

Address Quality Index C Result 1 Result Count 1

Address Verification Code P22-I24-P6-100

Organization Empty

SubBuilding Empty

Premise 254 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Thanonphya Thai Khwaeng Wang Mai Khet Pth. Identified context

DoubleDependentLocality Empty

DependentLocality Empty

Locality Pathum Wan Added

SubAdministrativeArea Empty

AdministrativeArea Bangkok Added

SuperAdministrativeArea Empty

PostalCode 10330 Verified no change

Country Thailand

ISO2 TH ISO3 THA

Unmatched

Processed Time 00:00:00.43

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Global Knowledge Repository (GKR) Updates

Address format change for Brazil

For an address consisting of Building the output address format has been changed.

Old Format	New Format
PostBox Building ,SubBuilding Thoroughfare ,Premise DependentThoroughfare DoubleDependentLocality DependentLocality	PostBox Thoroughfare ,Premise Building ,SubBuilding DependentThoroughfare DoubleDependentLocality DependentLocality

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364 | @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



The screen shot below demonstrates an example before the format change

The screenshot shows the Loqate Demonstration UI v2.20.2.8672. The interface is divided into several sections:

- Input Data:** Contains dropdown menus for ID, Organization, Address, Locality, AdministrativeArea, PostalCode, and Country. The Address field is populated with "Rua Lauro Muller, 116 - Sala 1401 - Edifício Rio Sul Center". There are also checkboxes for Parse, Verify, Match, Search, Format, Geocode, and Enhance.
- Output:** Displays the results of the address verification. It includes fields for Address Quality Index, Result, and Result Count. The Address Verification Code is "V55-I55-P6-100". The Organization is "Rio Sul Center", SubBuilding is "Sala 1401", Premise is "116", and Building is "Edifício". The Locality is "Rio De Janeiro", AdministrativeArea is "RJ", and PostalCode is "22290-906". The Country is "Brazil". The ISO2 code is "BR" and the ISO3 code is "BRA". The Unmatched field is empty. The Processed Time is "00:00:00.54".
- Output (Address):** A list of addresses: "Rio Sul Center", "Edifício Sala 1401", "Rua Lauro Muller 116", "Botafogo", and "22290-906 Rio De Janeiro R.". The "Rua Lauro Muller 116" address is highlighted in yellow.
- Map This Location:** A button to map the location.
- Server Status:** ssOK
- Process Status:** psOK

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364 | @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



GBG | **Loqate**

The screen shot below demonstrate s an example after the format change

Loqate Demonstration UI v2.20.2.8672

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

Output

Address Quality Index Result Result Count

Address Verification Code

Organization Verified no change

SubBuilding Identified no change

Premise Verified no change

Building Identified context

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Verified no change

DoubleDependentLocality Empty

DependentLocality Added

Locality Verified alias change

SubAdministrativeArea Empty

AdministrativeArea Verified no change

SuperAdministrativeArea Empty

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Output

Address

Latitude

Longitude

Accuracy

Distance

Server Status: ssOK Process Status: psOK

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364  @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



GBG | **Loqate**

Czech Republic

Improvement in returning the correct values in DependentLocality.

The screen shot below demonstrates an example before using the latest reference data

Loqate Demonstration UI v2.20.0.8559

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

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

Output

Address Solitaire Bldg FI 6
Klimentská 10
Praha
110 00 Praha

Latitude 50.091970
Longitude 14.429230
Accuracy I4
Distance 17.4
[Map This Location](#)

Output

Address Quality Index Result 1 Result Count 1

Address Verification Code V42-I55-P6-095

Organization Empty

SubBuilding FI 6 Identified alias

Premise 10 Verified no change

Building Solitaire Bldg Identified no change

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Klimentská Verified small change

DoubleDependentLocality Empty

DependentLocality Praha Added

Locality Praha Verified alias change

SubAdministrativeArea Empty

AdministrativeArea Hlavní Město Praha Added

SuperAdministrativeArea Empty

PostalCode 110 00 Verified alias change

Country Czech Republic

ISO2 CZ ISO3 CZE

Unmatched

Processed Time 00:00:00.03

Server Status: ssOK Process Status: psOK

The screen shot below demonstrates the same example with the new reference data

Loqate Demonstration UI v2.20.0.8559

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

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

Clear Options Clear Input Clear Output Process

Output

Address Solitaire Bldg Fl 6
Klimentská 10
Praha 1
110 00 Praha

Latitude 50.091970
Longitude 14.429230
Accuracy I4
Distance 17.4
[Map This Location](#)

Address Quality Index Result Result Count

Address Verification Code V42-I55-P6-095

Organization Empty

SubBuilding Fl 6 Identified alias

Premise 10 Verified no change

Building Solitaire Bldg Identified no change

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Klimentská Verified small change

DoubleDependentLocality Empty

DependentLocality Praha 1 Added

Locality Praha Verified alias change

SubAdministrativeArea Empty

AdministrativeArea Hlavní Město Praha Added

SuperAdministrativeArea Empty

PostalCode 110 00 Verified alias change

Country Czech Republic

ISO2 CZ ISO3 CZE

Unmatched

Processed Time 00:00:00.40

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364 @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



GBG | Loqate

Lithuania

Geocoding precision has been improved and geo-points returned now more closely correspond to its geo-accuracy level.

The screen shot below demonstrates an example before using the latest reference data

Loqate Demonstration UI v2.20.0.8559

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

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

Output

Address Quality Index Result Result Count

Address Verification Code

Organization

SubBuilding

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Verified small change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Output

Address

Latitude

Longitude

Accuracy

Distance

[Map This Location](#)

Server Status: ssOK Process Status: psOK

The screen shot below demonstrates the same example with the new reference data

Loqate Demonstration UI v2.20.0.8559

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

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

Clear Options Clear Input Clear Output Process

Output

Address Quality Index B Result 1 Result Count 1

Address Verification Code V44-I44-P6-097

Organization Empty

SubBuilding Empty

Premise 68A Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Lietuvinių G. Verified no change

DoubleDependentLocality Empty

DependentLocality Šilutė Added

Locality Šilutės Verified small change

SubAdministrativeArea Empty

AdministrativeArea Klaipėdos Apskritis Added

SuperAdministrativeArea Empty

PostalCode 99172 Verified no change

Country Lithuania

ISO2 LT ISO3 LTU

Unmatched

Processed Time 00:00:00.25

Shortcuts View All To Clipboard

Output

Address Lietuvinių G. 68A Šilutė 99172 Šilutės

Latitude 55.343170

Longitude 21.476370

Accuracy 14

Distance 81.2

[Map This Location](#)

Server Status: ssOK Process Status: psOK

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364 @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



INVESTORS
IN PEOPLE

GBG | **Loqate**

The table below shows which countries have been updated, and how, in this release.

- Reference Data = 13 countries
- Lexicons = 19 countries
- Context Rules = 1 countries

For the complete table listing all countries, please visit <http://www.loqate.com/support/releasenotes/>.

Country Name	ISO Code	Context Rules	Lexicons	Reference Data
AFGHANISTAN	AF			
ÅLAND ISLANDS	AX			
ALBANIA	AL			
ALGERIA	DZ			
AMERICAN SAMOA	AS			X
ANDORRA	AD			
ANGOLA	AO			
ANGUILLA	AI			
ANTARCTICA	AQ			
ANTIGUA AND BARBUDA	AG			
ARGENTINA	AR		X	
ARMENIA	AM			
ARUBA	AW			
AUSTRALIA	AU		X	
AUSTRIA	AT			
AZERBAIJAN	AZ			
BAHAMAS	BS			
BAHRAIN	BH			
BANGLADESH	BD			
BARBADOS	BB			
BELARUS	BY			
BELGIUM	BE			
BELIZE	BZ			
BENIN	BJ			
BERMUDA	BM			
BHUTAN	BT			
BOLIVIA, PLURINATIONAL STATE OF	BO			
BONAIRE, SINT EUSTATIUS AND SABA	BQ			
BOSNIA AND HERZEGOVINA	BA			
BOTSWANA	BW			
BOUVET ISLAND	BV			
BRAZIL	BR		X	

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364  @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



INVESTORS
IN PEOPLE

GBG | Loqate

Country Name	ISO Code	Context Rules	Lexicons	Reference Data
BRITISH INDIAN OCEAN TERRITORY	IO			
BRUNEI DARUSSALAM	BN			
BULGARIA	BG		X	
BURKINA FASO	BF			
BURUNDI	BI			
CAMBODIA	KH			
CAMEROON	CM			
CANADA	CA		X	X
CAPE VERDE	CV			
CAYMAN ISLANDS	KY			
CENTRAL AFRICAN REPUBLIC	CF			
CHAD	TD			
CHILE	CL		X	
CHINA	CN		X	
CHRISTMAS ISLAND	CX			
COCOS (KEELING) ISLANDS	CC			
COLOMBIA	CO			
COMOROS	KM			
CONGO	CG			
CONGO, THE DEMOCRATIC REPUBLIC OF THE	CD			
COOK ISLANDS	CK			
COSTA RICA	CR			
CÔTE D'IVOIRE	CI			
CROATIA	HR			
CUBA	CU			
CURAÇAO	CW			
CYPRUS	CY			
CZECH REPUBLIC	CZ		X	X
DENMARK	DK			
DJIBOUTI	DJ			
DOMINICA	DM			
DOMINICAN REPUBLIC	DO			
ECUADOR	EC			
EGYPT	EG		X	
EL SALVADOR	SV			
EQUATORIAL GUINEA	GQ			

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364  @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



INVESTORS
IN PEOPLE

GBG | Loqate

Country Name	ISO Code	Context Rules	Lexicons	Reference Data
ERITREA	ER			
ESTONIA	EE			
ETHIOPIA	ET			
FALKLAND ISLANDS (MALVINAS)	FK			
FAROE ISLANDS	FO			
FIJI	FJ			
FINLAND	FI			
FRANCE	FR			
FRENCH GUIANA	GF			
FRENCH POLYNESIA	PF			
FRENCH SOUTHERN TERRITORIES	TF			
GABON	GA			
GAMBIA	GM			
GEORGIA	GE			
GERMANY	DE			
GHANA	GH			
GIBRALTAR	GI			
GREECE	GR		X	
GREENLAND	GL			
GRENADA	GD			
GUADELOUPE	GP			
GUAM	GU			X
GUATEMALA	GT			
GUERNSEY	GG			
GUINEA	GN			
GUINEA-BISSAU	GW			
GUYANA	GY			
HAITI	HT			
HEARD ISLAND AND MCDONALD ISLANDS	HM			
HOLY SEE (VATICAN CITY STATE)	VA			
HONDURAS	HN			
HONG KONG	HK			
HUNGARY	HU			
ICELAND	IS			
INDIA	IN			
INDONESIA	ID			

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364  @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



INVESTORS
IN PEOPLE

GBG | Loqate

Country Name	ISO Code	Context Rules	Lexicons	Reference Data
IRAN, ISLAMIC REPUBLIC OF	IR			
IRAQ	IQ			
IRELAND	IE			
ISLE OF MAN	IM			
ISRAEL	IL			
ITALY	IT			
JAMAICA	JM			
JAPAN	JP			
JERSEY	JE			
JORDAN	JO			
KAZAKHSTAN	KZ			
KENYA	KE			
KIRIBATI	KI			
KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	KP			
KOREA, REPUBLIC OF	KR			
KUWAIT	KW			
KYRGYZSTAN	KG			
LAO PEOPLE'S DEMOCRATIC REPUBLIC	LA	X		
LATVIA	LV			
LEBANON	LB			
LESOTHO	LS			
LIBERIA	LR			
LIBYA	LY			
LIECHTENSTEIN	LI			
LITHUANIA	LT		X	X
LUXEMBOURG	LU			
MACAO	MO			
MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF	MK			
MADAGASCAR	MG			
MALAWI	MW			
MALAYSIA	MY			
MALDIVES	MV			
MALI	ML			
MALTA	MT			
MARSHALL ISLANDS	MH			X
MARTINIQUE	MQ			

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364  @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



INVESTORS
IN PEOPLE

GBG | Loqate

Country Name	ISO Code	Context Rules	Lexicons	Reference Data
MAURITANIA	MR			
MAURITIUS	MU			
MAYOTTE	YT			
MEXICO	MX			
MICRONESIA, FEDERATED STATES OF	FM			X
MOLDOVA, REPUBLIC OF	MD			
MONACO	MC			
MONGOLIA	MN			
MONTENEGRO	ME			
MONTSERRAT	MS			
MOROCCO	MA			
MOZAMBIQUE	MZ			
MYANMAR	MM			
NAMIBIA	NA			
NAURU	NR			
NEPAL	NP			
NETHERLANDS	NL			
NEW CALEDONIA	NC			
NEW ZEALAND	NZ			
NICARAGUA	NI			
NIGER	NE			
NIGERIA	NG			
NIUE	NU			
NORFOLK ISLAND	NF			
NORTHERN MARIANA ISLANDS	MP			X
NORWAY	NO			
OMAN	OM			
PAKISTAN	PK			
PALAU	PW			X
PALESTINE, STATE OF	PS			
PANAMA	PA			
PAPUA NEW GUINEA	PG			
PARAGUAY	PY			
PERU	PE			
PHILIPPINES	PH			
PITCAIRN	PN			

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364  @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



INVESTORS
IN PEOPLE

GBG | Loqate

Country Name	ISO Code	Context Rules	Lexicons	Reference Data
POLAND	PL		X	
PORTUGAL	PT			
PUERTO RICO	PR		X	X
QATAR	QA			
RÉUNION	RE			
ROMANIA	RO		X	
RUSSIAN FEDERATION	RU			
RWANDA	RW			
SAINT BARTHÉLEMY	BL			
SAINT HELENA, ASCENSION AND TRISTAN DA CUNHA	SH			
SAINT KITTS AND NEVIS	KN			
SAINT LUCIA	LC			
SAINT MARTIN (FRENCH PART)	MF			
SAINT PIERRE AND MIQUELON	PM			
SAINT VINCENT AND THE GRENADINES	VC			
SAMOA	WS			
SAN MARINO	SM			
SAO TOME AND PRINCIPE	ST			
SAUDI ARABIA	SA			
SENEGAL	SN			
SERBIA	RS			
SEYCHELLES	SC			
SIERRA LEONE	SL			
SINGAPORE	SG			
SINT MAARTEN	SX			
SLOVAKIA	SK			
SLOVENIA	SI			
SOLOMON ISLANDS	SB			
SOMALIA	SO			
SOUTH AFRICA	ZA			
SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	GS			
SOUTH SUDAN, REPUBLIC OF	SS			
SPAIN	ES			
SRI LANKA	LK			
SUDAN	SD			

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364  @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



INVESTORS
IN PEOPLE

GBG | Loqate

Country Name	ISO Code	Context Rules	Lexicons	Reference Data
SURINAME	SR			
SVALBARD AND JAN MAYEN	SJ			
SWAZILAND	SZ			
SWEDEN	SE			
SWITZERLAND	CH			
SYRIAN ARAB REPUBLIC	SY			
TAIWAN, PROVINCE OF CHINA	TW			
TAJIKISTAN	TJ			
TANZANIA, UNITED REPUBLIC OF	TZ			
THAILAND	TH		X	
TIMOR-LESTE	TL			
TOGO	TG			
TOKELAU	TK			
TONGA	TO			
TRINIDAD AND TOBAGO	TT			
TUNISIA	TN			
TURKEY	TR			
TURKMENISTAN	TM			
TURKS AND CAICOS ISLANDS	TC			
TUVALU	TV			
UGANDA	UG			
UKRAINE	UA			
UNITED ARAB EMIRATES	AE			
UNITED KINGDOM	GB		X	X
UNITED STATES	US		X	X
UNITED STATES MINOR OUTLYING ISLANDS	UM			
URUGUAY	UY			
UZBEKISTAN	UZ			
VANUATU	VU			
VENEZUELA, BOLIVARIAN REPUBLIC	VE			
VIET NAM	VN		X	
VIRGIN ISLANDS, BRITISH	VG			
VIRGIN ISLANDS, U.S.	VI			X
WALLIS AND FUTUNA	WF			
WESTERN SAHARA	EH			
YEMEN	YE			

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364  @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



INVESTORS
IN PEOPLE

GBG | **Loqate**

Country Name	ISO Code	Context Rules	Lexicons	Reference Data
ZAMBIA	ZM			
ZIMBABWE	ZW		X	

Installation Instructions

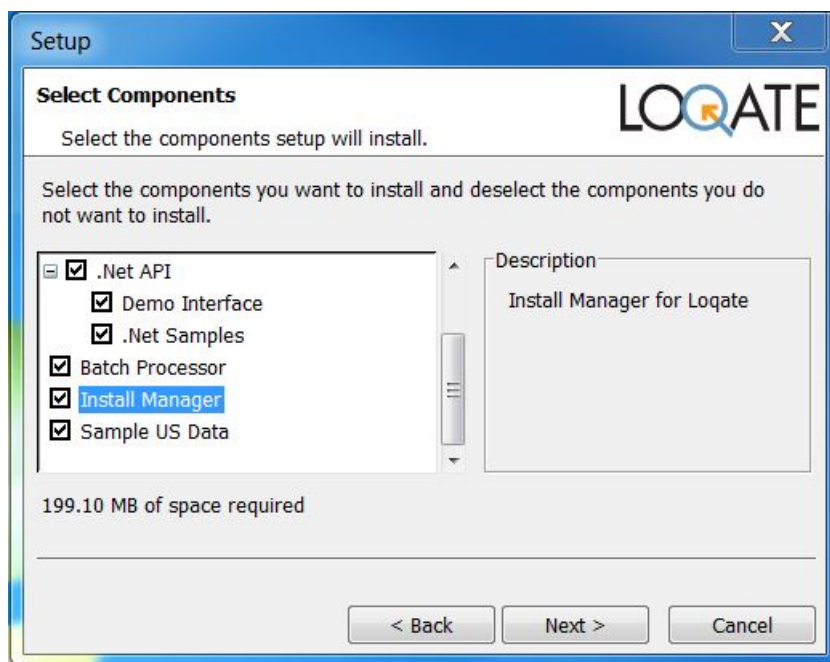
The 2016Q3.2 release makes improvements to the performance of the verification process and the quality of the results.

Please remember to update both the program files and the reference data. The improvements are tied to the data in the Global Knowledge Repository and the Local API. 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 FTP server at:

- Site: <ftp://ftp.loqate.com>
- User: u58463092-build
- Password: lqt0414
- Directory: /2016Q3.2

GBG Loqate data packs can be downloaded and installed using the Install Manager. This is a component you will need to select during the installation of the Local API as shown below.



Standard GBG Loqate Installation (Multi-threaded)

1. Download the contents of the **2016Q3.2/AppInstaller** directory.
2. Check the MD5 checksums to ensure that the download has been successful.
3. Run the relevant Loqate Local API installer. Please note you may need to add execute privileges to the relevant installer when using Linux. Make sure the option "Install Manager" is selected for installation.
4. Execute the Install Manager script (InstallManager.bat on Windows and InstallManager.sh on other Linux/Unix platforms) and install the data. For further details, please review the 2016 Q3_InstallationInstructions document.
5. Run the relevant Global Knowledge Repository installer. Please note you may need to add execute privileges when using Linux.

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364 | [@loqate](#) | [E webinfo@loqate.com](#) | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.

Single-threaded GBG Loqate Installation

1. Download the contents of the [2016Q3.2/STAppInstaller](#) directory.
2. Check the MD5 checksums to ensure that the download has been successful.
3. Run the relevant Loqate Local API installer. Please note you may need to add execute privileges to the relevant installer when using Linux. Make sure the option "Install Manager" is selected for installation.
4. Execute the InstallManager script (InstallManager.bat on Windows and InstallManager.sh on other Linux/Unix platforms) and install the data. For further details, please review the 2016Q3.2_InstallationInstructions document.
5. Run the relevant Global Knowledge Repository installer. Please note you may need to add execute privileges when using Linux.

On the GBG Loqate FTP server, you will find the following items:

- **AppInstaller**: The folder which contains the Loqate Local API installer
- loqate_installer_aix: The AIX Loqate Local API installer
- loqate_installer_hpux: The HP-UX Loqate Local API installer
- loqate_installer_solaris_x86: The Solaris x86 Loqate Local API installer
- loqate_installer_sparc: The Solaris SPARC Loqate Local API installer
- loqate_installer_x86: The Linux 32-bit Loqate Local API installer
- loqate_installer_x86-cpp5: The Linux 32-bit C++ v5 Local API Loqate library installer
- loqate_installer_x86_64: The Linux 64-bit Loqate Local API installer
- setup.exe: The Windows 32-bit Loqate Local API installer
- setup_x64.exe: The Windows 64-bit Loqate Local API installer
- AppInstaller-md5.txt : Contains the checksums of the files in the folder
- **STAppInstaller**: The folder which contains the Loqate Local API installer for single-threaded libraries
- loqate_installer_aix: The AIX Loqate Local API installer
- loqate_installer_hpux: The HP-UX Loqate Local API installer
- loqate_installer_solaris_x86: The Solaris x86 Loqate Local API installer
- loqate_installer_sparc: The Solaris SPARC Loqate Local API installer
- loqate_installer_x86: The Linux 32-bit Loqate Local API installer
- loqate_installer_x86-cpp5: The Linux 32-bit C++ v5 Local API Loqate library installer
- loqate_installer_x86_64: The Linux 64-bit Loqate Local API installer
- AppInstaller-md5.txt : Contains the checksums of the files in the folder
- STAppInstaller-md5.txt : Contains the checksums of the files in the folder
- **OSGi**: The folder which contains the OSGi bundle for the Loqate Local API
- loqate-osgi-1.0.0.0.jar: The OSGi bundle for Loqate Local API installer
- osgi-md5.txt: Contains the checksums of the files in the folder
- **Rawfiles**: The folder which contains the Loqate Local API files in the following subfolders
- aix: The AIX Loqate Local API library files
- hp-ux: The HP-UX Loqate Local API library files
- solaris_x86: The Solaris x86 Loqate Local API library files
- sparc: The Solaris SPARC Loqate Local API library files
- linux32: The Linux 32-bit Loqate Local API library files
- linux32-cpp5: The Linux 32-bit C++ v5 Loqate Local API library files
- linux64: The Linux 64-bit Loqate Local API library files
- win64: The Windows 32-bit Loqate Local API library files
- win32: The Windows 64-bit Loqate Local API library files

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364 | [@loqate](#) | [E webinfo@loqate.com](#) | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



Need Help?

Many answers to your questions may be found in our support pages. For full access to the technical information provided on our website, please make sure to register at: <http://www.loqate.com/wp-login.php?action=register>

- **Support Home Page:** <http://www.loqate.com/support/>
- **Local APIs:** <http://www.loqate.com/support/local-apis/>
- **Field Descriptions:** <http://www.loqate.com/support/fielddescrip/>
- **Server and Process Options:** <http://www.loqate.com/support/options/>
- **System Requirements and Supported Platforms:** <http://www.loqate.com/system-requirements/>

If you have any general questions, issues, or enhancement request you'd like to share with us, please fill out our case submission web form at <http://www.loqate.com/support/file-a-case/>.

GBG Loqate, 999 Baker Way, Suite 320, San Mateo, California 94404

T +1 (650) 273-5603 | F +1 (650) 273-4364  @loqate | E webinfo@loqate.com | <http://www.loqate.com>

Registered office as above. Registered in England and Wales number 2415211. VAT number 539 7162 18.



GBG | Loqate