

Loqate, A GBG Solution Release Notes

2018Q3.0

GBG Loqate, 805 Veterans Blvd, STE 305, Redwood City, CA 94063, USA
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Case Resolutions

Please visit http://support.loqate.com/support/releases/2018Q3_0cases 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.

Certification Updates

If you have purchased either the CASS or AMAS 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	2018-06-04	2018-09-30
CASS	2018-05-29	2018-08-28

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

Please check Install Manager for the latest versions of AMAS and CASS.

For more information on expiry date checking for AMAS and CASS, please refer "Usage expiration" section in <https://support.loqate.com/support/local-apis/cass-overview> and <https://support.loqate.com/support/local-apis/amas-overview/>

Global Knowledge Repository (GKR) Updates

Brazil Country Review

Loqate has completed a comprehensive review of its Brazil data set. Below are the improvements made to the data set:

- Data alignment to ensure the data structure accurately represents the country's geography.
- Data normalization
- Accurate and consistent aliases.
- Lexicon and country rules review

Improvement Examples

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Loqate Demonstration UI v2.27.1.9643

Input Data:

- ID:
- Organization:
- Address: Av. Paulista, 1 Bela Vista
- Locality: São Paulo
- AdministrativeArea:
- PostalCode: 7611
- Country: Brazil

Output:

Address Quality Index: C Result: 1 Result Count: 1

Address Verification Code: P22-144-P2-100

Organization: Empty

SubBuilding: Empty

Premise: 1 Identified no change

Building: Empty

PostBox: Empty

DependentThoroughfare: Empty

Thoroughfare: Av Paulista Identified no change

DoubleDependentLocality: Empty

DependentLocality: Empty

Locality: Bela Vista Verified no change

SubAdministrativeArea: Empty

AdministrativeArea: SP Identified alias

SuperAdministrativeArea: Empty Identified alias

PostalCode: 07611

Country: Brazil

ISO2: BR ISO3: BRA

Unmatched:

Processed Time: 00:00:00.04

Server Status: ssOK Process Status: psOK

2018Q2.1 Release

Loqate Demonstration UI v2.28.0.9726

Input Data:

- ID:
- Organization:
- Address: Av. Paulista, 1 Bela Vista
- Locality: São Paulo
- AdministrativeArea:
- PostalCode: 7611
- Country: Brazil

Output:

Address Quality Index: C Result: 1 Result Count: 1

Address Verification Code: V44-144-P4-089

Organization: Empty

SubBuilding: Empty

Premise: 1 Verified no change

Building: Empty

PostBox: Empty

DependentThoroughfare: Empty

Thoroughfare: Avenida Paulista Verified alias change

DoubleDependentLocality: Empty

DependentLocality: Bela Vista Verified no change

Locality: São Paulo Verified alias change

SubAdministrativeArea: Empty

AdministrativeArea: SP Added

SuperAdministrativeArea: Empty

PostalCode: 01311-000

Country: Brazil

ISO2: BR ISO3: BRA

Unmatched:

Processed Time: 00:00:00.01

Server Status: ssOK Process Status: psOK

2018Q3.0 – Improved verification

Loqate Demonstration UI v2.27.1.9643

Input Data:

- ID:
- Organization:
- Address: Praça Lincoln da Luz Ribeiro, 133
- Locality: Itapeirica
- AdministrativeArea: MG (BR)
- PostalCode: 35560-000
- Country: Brazil

Output:

Address Quality Index: C Result: 1 Result Count: 1

Address Verification Code: P22-144-P6-097

Organization: Empty

SubBuilding: Empty

Premise: 133 Identified no change

Building: Empty

PostBox: Empty

DependentThoroughfare: Empty

Thoroughfare: Praça Lincoln Da Luz Ribeiro Identified alias

DoubleDependentLocality: Empty

DependentLocality: Empty

Locality: Itapeirica Verified small change

SubAdministrativeArea: Empty

AdministrativeArea: MG Verified no change

SuperAdministrativeArea: Empty

PostalCode: 35560-000

Country: Brazil

ISO2: BR ISO3: BRA

Unmatched:

Processed Time: 00:00:00.15

Server Status: ssOK Process Status: psOK

2018Q2.1 Release

Loqate Demonstration UI v2.28.0.9726

Input Data:

- ID:
- Organization:
- Address: Praça Lincoln da Luz Ribeiro, 133
- Locality: Itapeirica
- AdministrativeArea: MG (BR)
- PostalCode: 35560-000
- Country: Brazil

Output:

Address Quality Index: C Result: 1 Result Count: 1

Address Verification Code: V33-144-P6-098

Organization: Empty

SubBuilding: Empty

Premise: 133 Identified no change

Building: Empty

PostBox: Empty

DependentThoroughfare: Empty

Thoroughfare: Praça Lincoln Da Luz Ribeiro Verified alias change

DoubleDependentLocality: Empty

DependentLocality: Empty

Locality: Itapeirica Verified small change

SubAdministrativeArea: Empty

AdministrativeArea: MG Verified no change

SuperAdministrativeArea: Empty

PostalCode: 35560-000

Country: Brazil

ISO2: BR ISO3: BRA

Unmatched:

Processed Time: 00:00:00.05

Server Status: ssOK Process Status: psOK

2018Q3.0 – Improved verification

Mexico Country Review

Loqate has completed a comprehensive review of its Mexico data set. Below are the improvements made to the data set:

- Data alignment to ensure the data structure accurately represents the country's geography.
- Data normalization to ensure address values are consistent across records.
- Accurate and consistent aliases and language tags.
- Lexicon and context rules review

Improvement Examples

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2018Q2.0 – Incorrect Locality returned

2018Q3.0 – Locality correctly returned

2018Q2.0 – Inconsistent provinces returned

2018Q3.0 – Correctly abbreviated provinces returned

Knowledge Base & Reference Data Updates

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

- Reference Data = 185 countries
- Lexicons = 6 countries
- Context Rules = 1 countries

Country Name	ISO Code	Context Rules	Lexicons	Reference Data
AFGHANISTAN	AF			X
ÅLAND ISLANDS	AX			X
ALBANIA	AL			
ALGERIA	DZ			X

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Country Name	ISO Code	Context Rules	Lexicons	Reference Data
AMERICAN SAMOA	AS			X
ANDORRA	AD			
ANGOLA	AO			X
ANGUILLA	AI			X
ANTARCTICA	AQ			
ANTIGUA AND BARBUDA	AG			X
ARGENTINA	AR			X
ARMENIA	AM			X
ARUBA	AW			X
AUSTRALIA	AU		X	X
AUSTRIA	AT			
AZERBAIJAN	AZ			X
BAHAMAS	BS			
BAHRAIN	BH			X
BANGLADESH	BD			X
BARBADOS	BB			X
BELARUS	BY			
BELGIUM	BE			X
BELIZE	BZ			X
BENIN	BJ			X
BERMUDA	BM			X
BHUTAN	BT			X
BOLIVIA, PLURINATIONAL STATE OF	BO			
BONAIRE, SINT EUSTATIUS AND SABA	BQ			
BOSNIA AND HERZEGOVINA	BA			X
BOTSWANA	BW			X
BOUVET ISLAND	BV			
BRAZIL	BR		X	X
BRITISH INDIAN OCEAN TERRITORY	IO			X
BRUNEI DARUSSALAM	BN			X
BULGARIA	BG			
BURKINA FASO	BF			X
BURUNDI	BI			X
CAMBODIA	KH			
CAMEROON	CM			X

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Country Name	ISO Code	Context Rules	Lexicons	Reference Data
CANADA	CA			X
CAPE VERDE	CV			X
CAYMAN ISLANDS	KY			X
CENTRAL AFRICAN REPUBLIC	CF			X
CHAD	TD			X
CHILE	CL			
CHINA	CN			X
CHRISTMAS ISLAND	CX			X
COCOS (KEELING) ISLANDS	CC			X
COLOMBIA	CO			X
COMOROS	KM			X
CONGO	CG			X
CONGO, THE DEMOCRATIC REPUBLIC OF THE	CD			X
COOK ISLANDS	CK			X
COSTA RICA	CR			X
CÔTE D'IVOIRE	CI			X
CROATIA	HR			X
CUBA	CU			X
CURAÇAO	CW			
CYPRUS	CY			X
CZECH REPUBLIC	CZ			
DENMARK	DK			
DJIBOUTI	DJ			X
DOMINICA	DM			X
DOMINICAN REPUBLIC	DO			X
ECUADOR	EC			
EGYPT	EG			
EL SALVADOR	SV			X
EQUATORIAL GUINEA	GQ			X
ERITREA	ER			X
ESTONIA	EE			X
ETHIOPIA	ET			X
FALKLAND ISLANDS (MALVINAS)	FK			X
FAROE ISLANDS	FO			X

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

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

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

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

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

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VIRGIN ISLANDS, U.S.	VI			X
WALLIS AND FUTUNA	WF			X
WESTERN SAHARA	EH			X
YEMEN	YE			
ZAMBIA	ZM			X
ZIMBABWE	ZW			

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Installation Instructions

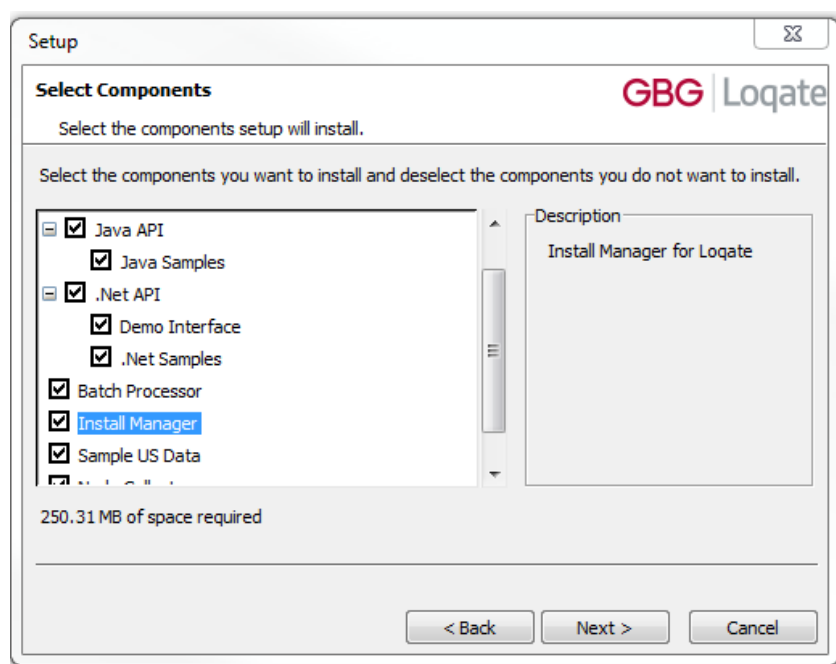
The 2018Q3.0 release makes improvements to the performance of the verification process and the quality of the results.

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: /2018Q3.0

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 **2018Q3.0/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 2018Q3.0 Installation Instructions document.

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5. Run the relevant Global Knowledge Repository installer. Please note you may need to add execute privileges when using Linux.

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Single-threaded GBG Loqate Installation

1. Download the contents of the [2018Q3.0/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 2018Q3.0 Installation Instructions document.
5. Run the relevant Global Knowledge Repository installer. Please note you may need to add execute privileges when using Linux.

FTP Server Contents

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

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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://support.loqate.com/wp-login.php?action=register>

- **Support Home Page:** <http://support.loqate.com>
- **Local APIs:** <http://support.loqate.com/support/local-apis/>
- **Field Descriptions:** <http://support.loqate.com/support/fielddescrip/>
- **Server and Process Options:** <http://support.loqate.com/support/options/>
- **System Requirements:** <http://support.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://support.loqate.com/support/file-a-case/>.

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