

GBG Loqate Release Notes

2016Q3.0

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

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Case Resolutions

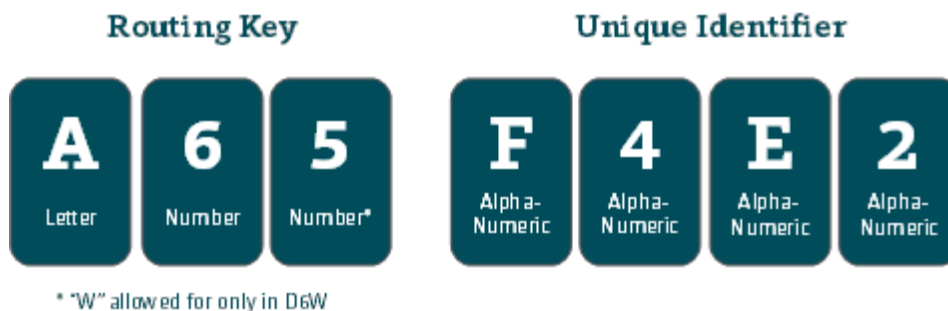
Please visit http://www.loqate.com/support/releasenotes/2016Q3_0cases for a list of cases resolved in this release.

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

Global Knowledge Repository (GKR) Updates

New Ireland Address Data - Eircode

Ireland launched a new postal code system in 2015 named Eircode to combat difficulties and inefficiencies in the old Irish addressing system. Over 35% of addresses in Ireland share the same address with at least one other property, making it difficult to accurately identify the true location of an address. Eircode was designed to overcome this problem by assigning a unique Eircode to each residential and business address in Ireland.



Routing Key – Consists of 3 characters which identifies the principal postal town related to the building or property's postal address.

Unique Identifier – This identifier is unique to each property within a principle postal town.

Address Example


Pre-Eircode	Post-Eircode
28 Dame Street Dublin 2	28 Dame Street Dublin 2 D02 ND77

For pricing and general inquiries, please contact your account manager.

Hong Kong Transliteration – Building Names

GBG Loqate has improved its transliteration capabilities in Hong Kong by adding the ability to transliterate building names.

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

- Reference Data = 199 countries
- Lexicons = 4 countries
- Context Rules = 2 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			X
ÅLAND ISLANDS	AX			
ALBANIA	AL			X
ALGERIA	DZ			X
AMERICAN SAMOA	AS			X
ANDORRA	AD			X
ANGOLA	AO			X
ANGUILLA	AI			X
ANTARCTICA	AQ			X
ANTIGUA AND BARBUDA	AG			X
ARGENTINA	AR			
ARMENIA	AM			X
ARUBA	AW			X
AUSTRALIA	AU		X	X
AUSTRIA	AT			X
AZERBAIJAN	AZ			X
BAHAMAS	BS			X
BAHRAIN	BH			X
BANGLADESH	BD			X
BARBADOS	BB			X
BELARUS	BY			X
BELGIUM	BE		X	
BELIZE	BZ			X
BENIN	BJ			X
BERMUDA	BM			X
BHUTAN	BT			X
BOLIVIA, PLURINATIONAL STATE OF	BO			X
BONAIRE, SINT EUSTATIUS AND SABA	BQ			
BOSNIA AND HERZEGOVINA	BA			
BOTSWANA	BW			X
BOUVET ISLAND	BV			
BRAZIL	BR			

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BRITISH INDIAN OCEAN TERRITORY	IO			X
BRUNEI DARUSSALAM	BN			X
BULGARIA	BG		X	
BURKINA FASO	BF			X
BURUNDI	BI			X
CAMBODIA	KH			X
CAMEROON	CM			X
CANADA	CA			X
CAPE VERDE	CV			X
CAYMAN ISLANDS	KY			X
CENTRAL AFRICAN REPUBLIC	CF			X
CHAD	TD			X
CHILE	CL			X
CHINA	CN			X
CHRISTMAS ISLAND	CX			X
COCOS (KEELING) ISLANDS	CC			X
COLOMBIA	CO			
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			
CUBA	CU			X
CURAÇAO	CW			
CYPRUS	CY			X
CZECH REPUBLIC	CZ			
DENMARK	DK			X
DJIBOUTI	DJ			X
DOMINICA	DM			X
DOMINICAN REPUBLIC	DO			
ECUADOR	EC			
EGYPT	EG	X	X	
EL SALVADOR	SV			
EQUATORIAL GUINEA	GQ			X

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ERITREA	ER			X
ESTONIA	EE			X
ETHIOPIA	ET			X
FALKLAND ISLANDS (MALVINAS)	FK			X
FAROE ISLANDS	FO			X
FIJI	FJ			X
FINLAND	FI			
FRANCE	FR			
FRENCH GUIANA	GF			X
FRENCH POLYNESIA	PF			X
FRENCH SOUTHERN TERRITORIES	TF			X
GABON	GA			X
GAMBIA	GM			X
GEORGIA	GE			X
GERMANY	DE			
GHANA	GH			X
GIBRALTAR	GI			
GREECE	GR			
GREENLAND	GL			X
GRENADA	GD			X
GUADELOUPE	GP			X
GUAM	GU			X
GUATEMALA	GT			X
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			

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IRAN, ISLAMIC REPUBLIC OF	IR			X
IRAQ	IQ			X
IRELAND	IE	X		X
ISLE OF MAN	IM			X
ISRAEL	IL			
ITALY	IT			
JAMAICA	JM			
JAPAN	JP			X
JERSEY	JE			X
JORDAN	JO			X
KAZAKHSTAN	KZ			
KENYA	KE			X
KIRIBATI	KI			X
KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	KP			X
KOREA, REPUBLIC OF	KR			
KUWAIT	KW			X
KYRGYZSTAN	KG			
LAO PEOPLE'S DEMOCRATIC REPUBLIC	LA			X
LATVIA	LV			X
LEBANON	LB			X
LESOTHO	LS			X
LIBERIA	LR			X
LIBYA	LY			X
LIECHTENSTEIN	LI			
LITHUANIA	LT			
LUXEMBOURG	LU			X
MACAO	MO			X
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

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

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POLAND	PL			X
PORTUGAL	PT			X
PUERTO RICO	PR			X
QATAR	QA			X
RÉUNION	RE			X
ROMANIA	RO			X
RUSSIAN FEDERATION	RU			
RWANDA	RW			X
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			X
SINT MAARTEN (DUTCH PART)	SX			
SLOVAKIA	SK			X
SLOVENIA	SI			X
SOLOMON ISLANDS	SB			X
SOMALIA	SO			X
SOUTH AFRICA	ZA			
SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	GS			X
SOUTH SUDAN	SS			X
SPAIN	ES			
SRI LANKA	LK			X
SUDAN	SD			X

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SURINAME	SR			X
SVALBARD AND JAN MAYEN	SJ			X
SWAZILAND	SZ			X
SWEDEN	SE			X
SWITZERLAND	CH			X
SYRIAN ARAB REPUBLIC	SY			X
TAIWAN, PROVINCE OF CHINA	TW			
TAJKISTAN	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			
TURKEY	TR			
TURKMENISTAN	TM			
TURKS AND CAICOS ISLANDS	TC			X
TUVALU	TV			X
UGANDA	UG			X
UKRAINE	UA			
UNITED ARAB EMIRATES	AE			X
UNITED KINGDOM	GB			X
UNITED STATES	US			X
UNITED STATES MINOR OUTLYING ISLANDS	UM			
URUGUAY	UY			X
UZBEKISTAN	UZ			X
VANUATU	VU			X
VENEZUELA, BOLIVARIAN REPUBLIC OF	VE			X
VIET NAM	VN			X
VIRGIN ISLANDS, BRITISH	VG			X
VIRGIN ISLANDS, U.S.	VI			X
WALLIS AND FUTUNA	WF			X
WESTERN SAHARA	EH			X
YEMEN	YE			X

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ZAMBIA	ZM			X
ZIMBABWE	ZW			X

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Installation Instructions

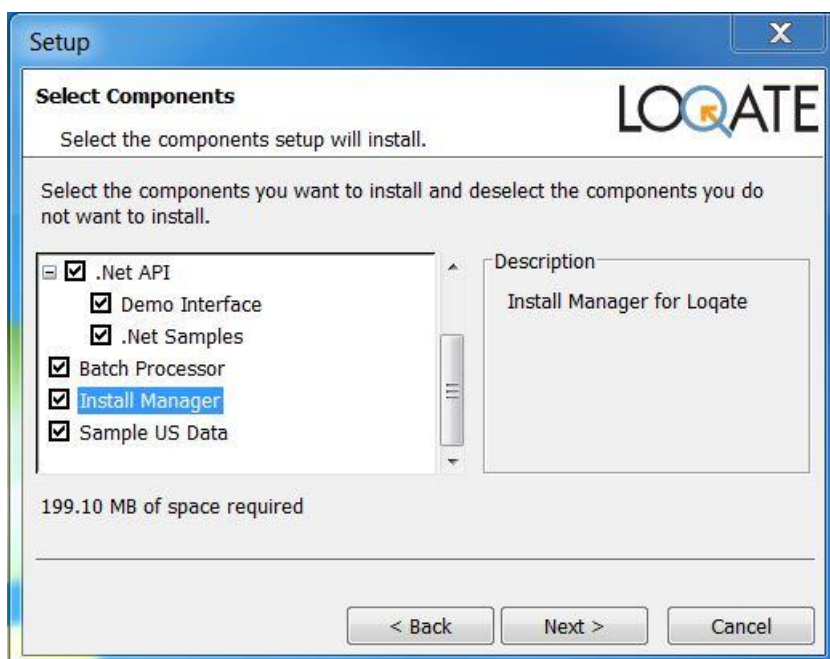
The 2016Q3.0 release makes improvements to the performance of the verification process and the quality of the results.

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 needs 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: /2016Q3.0

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 **2016Q3.0/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 2016 Q2_InstallationInstructions document.
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 [2016Q3.0/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 [2016Q2.0_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
- 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://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/>.

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