

Loqate, A GBG Solution Release Notes

2019Q1.0

GBG Loqate, 805 Veterans Blvd Ste 305, Redwood City CA 94063-1737, USA

T (800) 313-3910 | E support@loqate.com | <http://www.loqate.com>

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Install Manager Update

Important note for Customers using Loqate API older than 2017Q3 release. Loqate will be discontinuing support for Install Manager version 9.0.0 from 2019Q1.0. **This does not affect the users of 2017Q3 or higher release.**

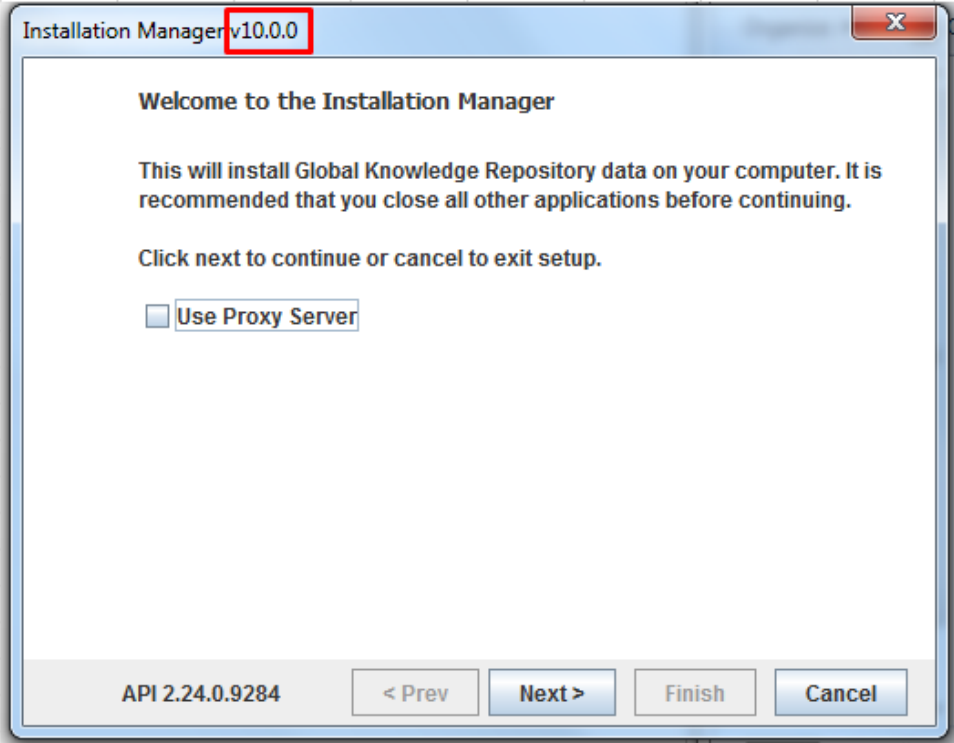
If you have an older version of Install Manager, please contact Loqate Support to get details of updating to the latest Install Manager. Install Manager can be independently updated, this will not affect the Loqate API.

How to check if you need to upgrade Install Manager:

You can follow one of the below steps to check the version of Install Manager

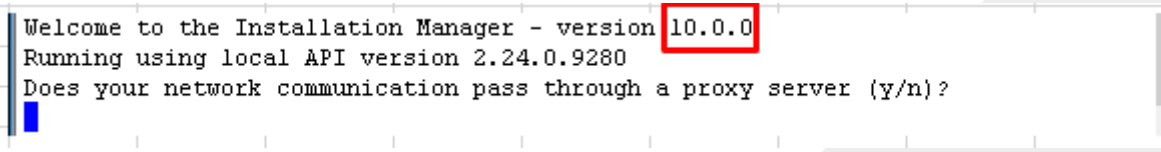
1. **Check Install Manager Version**

Run Install Manager script, if you have **version v10.0.0, no action is required.**



The screenshot shows a window titled "Installation Manager v10.0.0". The text inside reads: "Welcome to the Installation Manager", "This will install Global Knowledge Repository data on your computer. It is recommended that you close all other applications before continuing.", "Click next to continue or cancel to exit setup.", and a checkbox for "Use Proxy Server". At the bottom, it shows "API 2.24.0.9284" and buttons for "< Prev", "Next >", "Finish", and "Cancel".

2017Q3.0 Release : GUI Mode



```
Welcome to the Installation Manager - version 10.0.0
Running using local API version 2.24.0.9280
Does your network communication pass through a proxy server (y/n)?
```

2017Q3.0 Release : Commandline Mode

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2. Check jre folder under Loqate installation folder

2017Q3 release onwards jre folder(which contains jre7) is installed by the installer. Prior to 2017Q3 release, jre6 was used.

```
C:\Loqate_2017Q3.0_9284\jre\bin>java -version
java version "1.7.0_79"
Java(TM) SE Runtime Environment (build 1.7.0_79-b15)
Java HotSpot(TM) 64-Bit Server VM (build 24.79-b02, mixed mode)
2017Q3.0 Release – Java 7
```

3. Change in download URLs

2017Q3.0 release onwards the download URL will be <https://data.loqate.com/>
Prior to 2017Q3.0 release the URL was <https://download.loqate.com/>

Case Resolutions

Please visit <http://support.loqate.com/releases/2019-q1-0-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 support@loqate.com for further information.

Certification Updates

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	2018-11-29	2019-03-31
CASS	2019-01-28	2019-04-30

Please check Install Manager for the latest versions of AMAS and 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/>

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Knowledge Base & Reference Data Updates

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

- Reference Data = 182 countries
- Lexicons = 3 countries
- Context Rules = 1 countries

Country Name	ISO Code	Context Rules	Lexicons	Reference Data
AFGHANISTAN	AF			X
ÅLAND ISLANDS	AX			X
ALBANIA	AL			X
ALGERIA	DZ			X
AMERICAN SAMOA	AS			X
ANDORRA	AD			
ANGOLA	AO			X
ANGUILLA	AI			X
ANTARCTICA	AQ			
ANTIGUA AND BARBUDA	AG			X
ARGENTINA	AR			
ARMENIA	AM			X
ARUBA	AW			X
AUSTRALIA	AU			X
AUSTRIA	AT			
AZERBAIJAN	AZ			X
BAHAMAS	BS			X
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			X
BONAIRE, SINT EUSTATIUS AND SABA	BQ			X
BOSNIA AND HERZEGOVINA	BA			
BOTSWANA	BW			X

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BOUVET ISLAND	BV			
BRAZIL	BR			
BRITISH INDIAN OCEAN TERRITORY	IO			X
BRUNEI DARUSSALAM	BN			X
BULGARIA	BG			
BURKINA FASO	BF			X
BURUNDI	BI			X
CAMBODIA	KH			
CAMEROON	CM			X
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			X
CYPRUS	CY			
CZECH REPUBLIC	CZ			
DENMARK	DK			
DJIBOUTI	DJ			X
DOMINICA	DM			X
DOMINICAN REPUBLIC	DO			X

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ECUADOR	EC			
EGYPT	EG			
EL SALVADOR	SV			X
EQUATORIAL GUINEA	GQ			X
ERITREA	ER			X
ESTONIA	EE			X
ESWATINI	SZ			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			
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			

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HOLY SEE (VATICAN CITY STATE)	VA			X
HONDURAS	HN			X
HONG KONG	HK			X
HUNGARY	HU			X
ICELAND	IS			X
INDIA	IN			
INDONESIA	ID			
IRAN, ISLAMIC REPUBLIC OF	IR			X
IRAQ	IQ			X
IRELAND	IE		X	
ISLE OF MAN	IM			X
ISRAEL	IL			
ITALY	IT			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			
MACAO	MO			

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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
MAURITIUS	MU			X
MAYOTTE	YT			X
MEXICO	MX			
MICRONESIA, FEDERATED STATES OF	FM			X
MOLDOVA, REPUBLIC OF	MD			X
MONACO	MC			X
MONGOLIA	MN			X
MONTENEGRO	ME			X
MONTSERRAT	MS			X
MOROCCO	MA			X
MOZAMBIQUE	MZ			
MYANMAR	MM			X
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

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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			
PITCAIRN	PN			X
POLAND	PL			
PORTUGAL	PT			
PUERTO RICO	PR			X
QATAR	QA		X	X
RÉUNION	RE			X
ROMANIA	RO			X
RUSSIAN FEDERATION	RU			
RWANDA	RW			
SAINT BARTHÉLEMY	BL			X
SAINT HELENA, ASCENSION AND TRISTAN DA CUNHA	SH			X
SAINT KITTS AND NEVIS	KN			
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			X
SAO TOME AND PRINCIPE	ST			X
SAUDI ARABIA	SA			
SENEGAL	SN			X
SERBIA	RS			X
SEYCHELLES	SC			X
SIERRA LEONE	SL			X

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SINGAPORE	SG			
SINT MAARTEN	SX			
SLOVAKIA	SK			
SLOVENIA	SI			
SOLOMON ISLANDS	SB			X
SOMALIA	SO			X
SOUTH AFRICA	ZA	X	X	
SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	GS			X
SOUTH SUDAN, REPUBLIC OF	SS			X
SPAIN	ES			
SRI LANKA	LK			X
SUDAN	SD			X
SURINAME	SR			X
SVALBARD AND JAN MAYEN	SJ			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			
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			

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Country Name	ISO Code	Context Rules	Lexicons	Reference Data
UNITED KINGDOM	GB			X
UNITED STATES	US			X
UNITED STATES MINOR OUTLYING ISLANDS	UM			X
URUGUAY	UY			X
UZBEKISTAN	UZ			X
VANUATU	VU			X
VENEZUELA, BOLIVARIAN REPUBLIC	VE			X
VIET NAM	VN			
VIRGIN ISLANDS, BRITISH	VG			X
VIRGIN ISLANDS, U.S.	VI			X
WALLIS AND FUTUNA	WF			X
WESTERN SAHARA	EH			X
YEMEN	YE			X
ZAMBIA	ZM			X
ZIMBABWE	ZW			X

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Installation Instructions

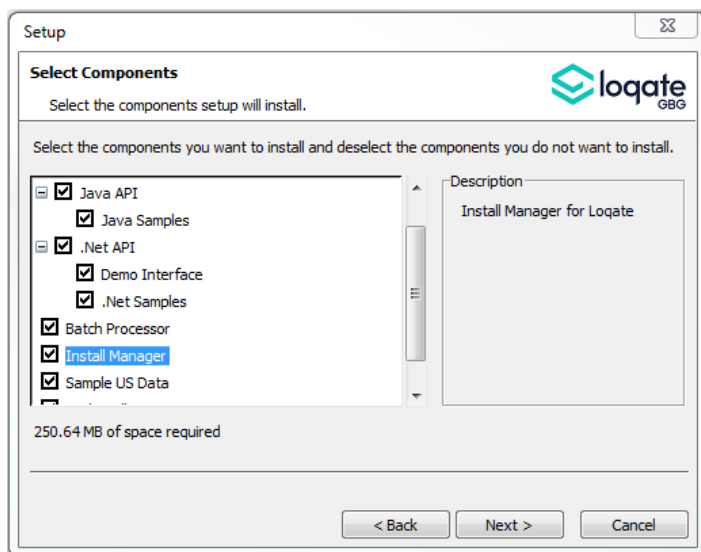
The 2019Q1.0 release makes improvements to the performance of the verification process and the quality of the results.

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 SFTP server at:

- Site: sftp://updates.gbqplc.com or <https://updates.gbqplc.com>
- User: release
- Password: lqt0414
- Directory: /2019Q1.0

[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 [2019Q1.0/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 2019Q1.0 Installation Instructions 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 [2019Q1.0/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 2019Q1.0 Installation Instructions document.
5. Run the relevant Global Knowledge Repository installer. Please note you may need to add execute privileges when using Linux.

SFTP Server Contents

On the GBG Loqate SFTP 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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