

GBG Loqate Release Notes

2016Q3.1

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Case Resolutions

Please visit http://www.loqate.com/support/releasenotes/2016Q3_1cases 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

Casing for Roman Numerals

The casing for roman numerals, is now corrected to remain in upper case.

The following screen shot shows the result before this change.

Loqate Demonstration UI v2.20.0.8559

Input Data

ID

Organization

Address Carretera Nacional IV, Km. 665, 11510 Puerto Real, Cádiz, Spain

Locality

AdministrativeArea

PostalCode

Country

Output Script

ForceCountry

DefaultCountry

Parse

Match

Search

Format

Geocode

Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

Carretera Nacional IV Km. 665 11510 Puerto Real Cádiz

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index C Result 1 Result Count 1

Address Verification Code P22-144-P6-100

Organization

Sub-Building

Premise Km. 665 Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Carretera Nacional Iv Identified no change

DoubleDependentLocality

DependentLocality

Locality Puerto Real Verified no change

SubAdministrativeArea

AdministrativeArea Cádiz Verified no change

SuperAdministrativeArea Andalucía Added

PostalCode 11510 Verified no change

Country Spain

ISO2 ES ISO3 ESP

Unmatched

Processed Time 00:00:00.04

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

The following screen shot shows the result after this change.

Loqate Demonstration UI v2.20.0.8601

Input Data

ID

Organization

Address Carretera Nacional IV, Km. 665, 11510 Puerto Real, Cádiz, Spain

Locality

AdministrativeArea

PostalCode

Country

Output Script

ForceCountry

DefaultCountry

Parse

Match

Search

Format

Geocode

Enhance

Clear Options

Clear Input

Clear Output

Process

Output

Address

Carretera Nacional IV Km. 665 11510 Puerto Real Cádiz

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index C Result 1 Result Count 1

Address Verification Code P22-144-P6-100

Organization

Sub-Building

Premise Km. 665 Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Carretera Nacional IV Identified no change

DoubleDependentLocality

DependentLocality

Locality Puerto Real Verified no change

SubAdministrativeArea

AdministrativeArea Cádiz Verified no change

SuperAdministrativeArea Andalucía Added

PostalCode 11510 Verified no change

Country Spain

ISO2 ES ISO3 ESP

Unmatched

Processed Time 00:00:00.04

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

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Improved matching on Thoroughfares with directional

This fix improves the matching process for addresses with Thoroughfare directional.

The following screen shot shows the result before this change.

Loqate Demonstration UI v2.20.0.8559

Input Data

ID

Organization

Address 13355 N. 10TH AVE
SUITE 100
PLYMOUTH MN USA 55441

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

Parse Verify Match Search Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address 13355 10th Ave N Ste 100
Plymouth MN 55441

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index B Result 1 Result Count 1

Address Verification Code V32-166-P6-095

Organization Empty

SubBuilding Ste 100 Identified alias

Premise 13355 Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare 10th Ave N Verified small change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Plymouth Verified no change

SubAdministrativeArea Hennepin Added

AdministrativeArea MN Verified no change

SuperAdministrativeArea Empty

PostalCode 55441 Verified no change

Country United States

ISO2 US ISO3 USA

Unmatched

Processed Time 00:00:00.22

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

The following screen shot shows the result after this change.

Loqate Demonstration UI v2.20.0.8601

Input Data

ID

Organization

Address 13355 N. 10TH AVE
SUITE 100
PLYMOUTH MN USA 55441

Locality

AdministrativeArea

PostalCode

Country

OutputScript

ForceCountry

DefaultCountry

Parse Verify Match Search Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address 13355 10th Ave N Ste 100
Plymouth MN 55441-5554

Latitude

Longitude

Accuracy

Distance

Map This Location

Output

Address Quality Index A Result 1 Result Count 1

Address Verification Code V55-166-P7-100

Organization Empty

SubBuilding Ste 100 Verified alias change

Premise 13355 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare 10th Ave N Verified alias change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Plymouth Verified no change

SubAdministrativeArea Hennepin Added

AdministrativeArea MN Verified no change

SuperAdministrativeArea Empty

PostalCode 55441-5554 Verified small change

Country United States

ISO2 US ISO3 USA

Unmatched

Processed Time 00:00:01.84

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Conditional formatting capability for Korea

Conditional formats will be used based on the values found in the Thoroughfare and DependentLocality fields.

Thoroughfare	DependentLocality	Format
Ended with "Dong/동"	N/A	Old format : AdministrativeArea + Locality + Thoroughfare + DependentThoroughfare + Premise + Building + SubBuildingExtra + SubBuildingNumber
Not ended with "Dong/동"	Myeon/면 eub(p)/읍	New format: AdministrativeArea + Locality + DependentLocality + Thoroughfare + DependentThoroughfare + Premise + SubBuildingExtra + SubBuildingNumber + (Building)
	others	New format -> default one AdministrativeArea + Locality + Thoroughfare + DependentThoroughfare + Premise + SubBuildingExtra + SubBuildingNumber + (DependentLocality + Building)

The above table symbolizes what the formats will look like with the Thoroughfare and DependentLocality values.

The screenshots below show an example of one of the conditional formats.

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Loqate Demonstration UI v2.20.0.8601

GKR	Verify	Autocomplete	Query	Log Analysis	ReverseGeocode
Input Data					
ID					
Organization					
Address	경기 안양시 동안구 학외로 390, 102동 2305호 (정촌동, 푸른마늘대우아파트), KOR				
Locality					
AdministrativeArea					
PostalCode					
Country					
OutputScript	☐ Parse ☒ Verify ☐ Match ☐ Search ☐ Format ☐ Geocode ☐ Enhance				
ForceCountry					
DefaultCountry					
Clear Options Clear Input Clear Output Process					
Output					
Address	14061 경기도 안양시 동안구 학외로 390		Latitude		
			Longitude		
			Accuracy		
			Distance		
Map This Location					
2016Q3.1					
Output		Address Quality Index A Result 1 + Result Count 1			
Address Verification Code		V44-I55-P3-100			
Organization			Empty		
SubBuilding	2305호 102동		Verified no change		
Premise	390		Verified no change		
Building	푸른마늘대우아파트		Verified no change		
PostBox			Empty		
DependentThoroughfare			Empty		
Thoroughfare	학외로		Verified no change		
DoubleDependentLocality			Empty		
DependentLocality	정촌동		Verified no change		
Locality	안양시 동안구		Verified no change		
SubAdministrativeArea			Empty		
AdministrativeArea	경기도		Verified alias change		
SuperAdministrativeArea			Empty		
PostalCode	14061		Added		
Country	Korea, Republic Of				
ISO2	KR	ISO3	KOR		
Unmatched					
Processed Time	00:00:00.03				
Shortcut Verify All To Clipboard					

Server Status: ssOK Process Status: psOK

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Global Knowledge Repository (GKR) Updates

United Kingdom – Alias Data

In addition to the monthly updates, UK reference data includes new Alias data, which is information the public chooses to use for mail delivery but is not required for delivery purposes. This will add additional building and organizational names for businesses running from residential properties. This will add increased ability to search for addresses.

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

Loqate Demonstration UI v2.19.0.8463

Input Data:

- Premise: [Empty]
- Organization: Nexian Ltd
- Address: 1 Pollards Park House, Nightingales Lane, Chalfont St. Giles
- Locality: [Empty]
- AdministrativeArea: [Empty]
- PostalCode: HP8 4SN
- Country: UK

Output:

- Address Quality Index: 4
- Result: 1
- Result Count: 1
- Address Verification Code: V55-I55-P6-100
- Organization: Nexian Ltd (Identified no change)
- SubBuilding: 1 (Verified no change)
- Premise: [Empty]
- Building: Pollards Park House (Verified no change)
- PostBox: [Empty]
- DependentThoroughfare: [Empty]
- Thoroughfare: Nightingales Lane (Verified no change)
- DoubleDependentLocality: [Empty]
- DependentLocality: [Empty]
- Locality: Chalfont St. Giles (Verified no change)
- SubAdministrativeArea: [Empty]
- AdministrativeArea: Buckinghamshire (Added)
- SuperAdministrativeArea: [Empty]
- PostalCode: HP8 4SN (Verified no change)
- Country: United Kingdom
- ISO2: GB
- ISO3: GBR
- Unmatched: [Empty]
- Processed Time: 00:00:00.54

Server Status: ssOK Process Status: psOK

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

Loqate Demonstration UI v2.19.0.8463

Input Data:

- Premise: [Empty]
- Organization: Nexian Ltd
- Address: 1 Pollards Park House, Nightingales Lane, Chalfont St. Giles
- Locality: [Empty]
- AdministrativeArea: [Empty]
- PostalCode: HP8 4SN
- Country: UK

Output:

- Address Quality Index: 4
- Result: 1
- Result Count: 1
- Address Verification Code: V55-I55-P6-100
- Organization: Nexian Ltd (Verified no change)
- SubBuilding: 1 (Verified no change)
- Premise: [Empty]
- Building: Pollards Park House (Verified no change)
- PostBox: [Empty]
- DependentThoroughfare: [Empty]
- Thoroughfare: Nightingales Lane (Verified no change)
- DoubleDependentLocality: [Empty]
- DependentLocality: [Empty]
- Locality: Chalfont St. Giles (Verified no change)
- SubAdministrativeArea: [Empty]
- AdministrativeArea: Buckinghamshire (Added)
- SuperAdministrativeArea: [Empty]
- PostalCode: HP8 4SN (Verified no change)
- Country: United Kingdom
- ISO2: GB
- ISO3: GBR
- Unmatched: [Empty]
- Processed Time: 00:00:00.04

Server Status: ssOK Process Status: psOK

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

- Reference Data = 11 countries
- Lexicons = 20 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		X	
AMERICAN SAMOA	AS		X	X
ANDORRA	AD			
ANGOLA	AO			
ANGUILLA	AI			
ANTARCTICA	AQ			
ANTIGUA AND BARBUDA	AG			
ARGENTINA	AR			
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	

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Country Name	ISO Code	Context Rules	Lexicons	Reference Data
BRITISH INDIAN OCEAN TERRITORY	IO			
BRUNEI DARUSSALAM	BN			
BULGARIA	BG			
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			
CHINA	CN			
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	
DENMARK	DK			
DJIBOUTI	DJ			
DOMINICA	DM			
DOMINICAN REPUBLIC	DO			
ECUADOR	EC			
EGYPT	EG			
EL SALVADOR	SV			
EQUATORIAL GUINEA	GQ			

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Country Name	ISO Code	Context Rules	Lexicons	Reference Data
ERITREA	ER			
ESTONIA	EE			
ETHIOPIA	ET			
FALKLAND ISLANDS (MALVINAS)	FK			
FAROE ISLANDS	FO			
FIJI	FJ		X	
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			
GREENLAND	GL			
GRENADA	GD			
GUADELOUPE	GP			
GUAM	GU		X	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			

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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		X	
JERSEY	JE			
JORDAN	JO			
KAZAKHSTAN	KZ			
KENYA	KE			
KIRIBATI	KI			
KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	KP			
KOREA, REPUBLIC OF	KR			
KUWAIT	KW		X	
KYRGYZSTAN	KG			
LAO PEOPLE'S DEMOCRATIC REPUBLIC	LA			
LATVIA	LV			
LEBANON	LB			
LESOTHO	LS			
LIBERIA	LR			
LIBYA	LY			
LIECHTENSTEIN	LI			
LITHUANIA	LT			
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	X
MARTINIQUE	MQ			

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Country Name	ISO Code	Context Rules	Lexicons	Reference Data
MAURITANIA	MR			
MAURITIUS	MU			
MAYOTTE	YT			
MEXICO	MX			
MICRONESIA, FEDERATED STATES OF	FM		X	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	X
NORWAY	NO			
OMAN	OM			
PAKISTAN	PK			
PALAU	PW		X	X
PALESTINE, STATE OF	PS			
PANAMA	PA			
PAPUA NEW GUINEA	PG			
PARAGUAY	PY			
PERU	PE			
PHILIPPINES	PH			
PITCAIRN	PN			

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Country Name	ISO Code	Context Rules	Lexicons	Reference Data
POLAND	PL			
PORTUGAL	PT			
PUERTO RICO	PR		X	X
QATAR	QA			
RÉUNION	RE			
ROMANIA	RO			
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		X	
SRI LANKA	LK			
SUDAN	SD			

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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	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			
VIRGIN ISLANDS, BRITISH	VG			
VIRGIN ISLANDS, U.S.	VI		X	X
WALLIS AND FUTUNA	WF			
WESTERN SAHARA	EH			
YEMEN	YE			

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

Installation Instructions

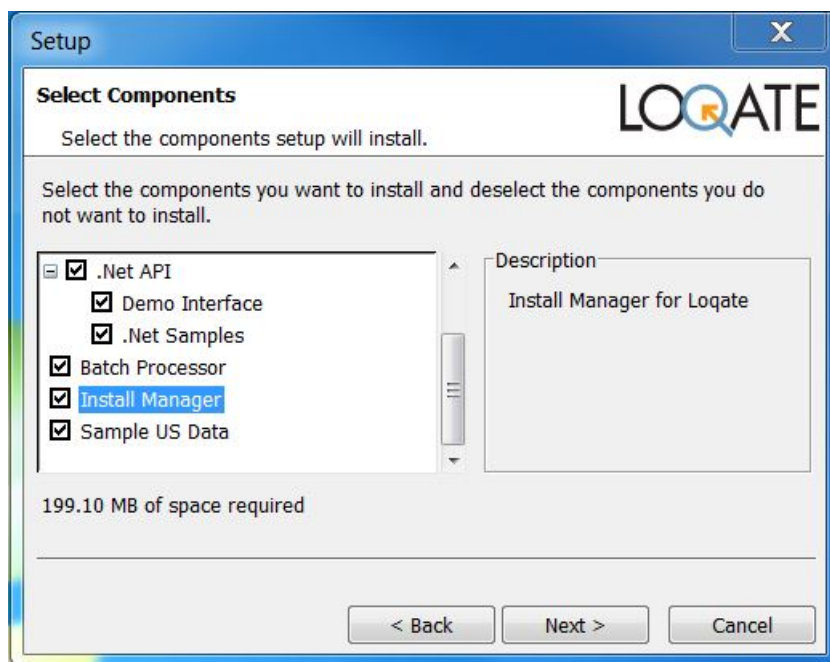
The 2016Q3.1 release makes improvements to the performance of the verification process and the quality of the results.

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: /2016Q3.1

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 **2016Q3.1/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.

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Single-threaded GBG Loqate Installation

1. Download the contents of the [2016Q3.1/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 2016Q3.1_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

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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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