



IBM® Sterling Connect:Express®

Application Interface for Java
Release Notes

Version 1.4

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Product Delivery

The product is shipped on CD-ROM. This CD-ROM includes several components, among which is Sterling Connect:Express Application Interface for Java, *CXJAI_1.4.00.zip*. For using the interface, refer to *Sterling Connect:Express Application Interface for Java*.

Modifications and Enhancements in Sterling Connect:Express Application Interface for Java Version 1.4

V1.4.0

Enhancements

The following table lists the new functionalities.

Functionality	Description
CxTransfer	PeSIT message transfer requests with TypeOfRequest=M
CxEerpRequest and CxEerpWithContextRequest	New classes managing submission of EERP requests

Modifications

The following table lists the modifications.

Functionality	Description
CxSession	BaseWindowSize added for OSType = Windows
CxJournal	New fields SslReturnCode, SslUsed, AcknowledgedRequestNumber, SslControlDnProfile, SslClientAuthentication, RoutingCommandName, FtpExtensionProfile are available.

Compatibility

Component	Version
Sterling Connect:Express for UNIX	>= V146
Sterling Connect:Express for Microsoft Windows	>= V3.0.6

List of Enhancements from Version 1.2

This chapter provides the backward list of enhancements delivered in successive versions from 1.3 to 1.2

Version 1.3

V1.3.6

Modifications

The following table lists the modifications.

Modification	Description
CxSslParameterClient, CxSslParameterServer	SSL client and server parameters
CxCertificate, CxCertificateFilter, CxCertificateListElement	X509 certificates characteristics retrieval

Compatibility

Composant	Version
Sterling Connect:Express for UNIX	>= V143-1 with patch 143-109 for old components >= V145 for SSL parameters and certificates
Sterling Connect:Express for Microsoft Windows	>= V3.0.5.001 pour old components >= V3.0.6.001 for SSL parameters and certificates
Applications	CXJAI.jar is compatible with older applications

V1.3.5

Modifications

The following table lists the modifications.

Modification	Description
CXFile (Sterling Connect:Express for Microsoft Windows)	setTypeOfNotification and getTypeOfNotification added : http notification type ('0' to '7') TypeOfFile = XF or XV available for a monitor on Microsoft Windows
CXTransferRequest (Sterling Connect:Express for Microsoft Windows)	setTypeOfNotification and getTypeOfNotification : http notification type ('0' to '7') setTransferSender (Pi61) and setTransferReceiver (Pi62) maximum parameter size is 24 characters instead of 8 characters
CXJournal (Sterling Connect:Express for Microsoft Windows)	getTypeOfNotification added
CXPartner (Sterling Connect:Express for Microsoft Windows)	Added setRemoteClientSubjectDn, setRemoteClientRootDn, setRemoteServerSubjectDn, setRemoteServerRootDn, getRemoteClientSubjectDn, getRemoteClientRootDn, getRemoteServerSubjectDn, getRemoteServerRootDn
CxPartner (Sterling Connect:Express for Microsoft Windows)	PartnerPassword and LocalPassword maximum length is 8 and not 16.
CxJournal (Sterling Connect:Express for Microsoft Windows)	FileOpenOption returns 'N' instead of 'C' (New file created).
CxServerConfig (Sterling Connect:Express for Microsoft Windows)	Returns the monitor name (key: Dpcsid or DPCI).
CxServer (Sterling Connect:Express for Microsoft Windows)	Value returned by getGmtOffset was incorrect (Apmcli.dll).
CxTransferRequest (Sterling Connect:Express for Microsoft Windows)	LocalPassword maximum length is 8 and not 16. The password is now encrypted.
CxJournal	getProtocol returns an incorrect value
CxJournal	getTypeOfFile returns incorrectly a char (only one character). Now the signature has been changed to String getTypeOfFile() instead of char getTypeOfFile() and the call returns a String of 2 characters. WARNING: Older applications must be compiled again, with this version of CXJAI.jar.
CxTransferRequest	For a Microsoft Windows server, if Pi99Offset and Pi99Value are set, the Pi99 is correctly sent during the transfer. But if Pi99Offset, Pi99Length and Pi99Value, the Pi99 is not sent as it should be.

Compatibility

Component	Version
Sterling Connect:Express for UNIX	>= V143-1 with patch 143-109
Sterling Connect:Express for Microsoft Windows	>= V3.0.5.001
Applications	Older applications using CXJAI.jar must be compiled again.

V1.3.4

Modifications

The following table lists the modifications.

Modification	Description
CXJournal (Sterling Connect:Express for Microsoft Windows)	getUserDataSent and getUserDataReceived: The values of sent and received Pi99 were not returned for a Sterling Connect:Express for Microsoft Windows monitor.

Compatibility

Component	Version
Sterling Connect:Express for UNIX	>= V143-1 with patch 143-109
Sterling Connect:Express for Microsoft Windows	>= V3.0.4.003

V1.3.3

Modifications

The following table lists the modifications.

Modification	Description
CXFile (UNIX server)	setTypeOfFile and getTypeOfFile: The type of file can have one of the following additional values : T*, B* and **.
CXPartner (Microsoft Windows server)	The methods setSslparmId and getSslparmId can now be used with a Sterling Connect:Express for Microsoft Windows server (version >= 304.003) The methods isSslUsed and setSslUsed have been added for Sterling Connect:Express for Microsoft Windows servers (Version >=304.003)

Compatibility

Component	Version
Sterling Connect:Express for UNIX	>= V143-1 with patch 143-109
Sterling Connect:Express for Microsoft Windows	>= V3.0.4.003

V1.3.2

Modifications

The following table lists the modifications.

Modification	Description
CXJournalFilter CxStatisticsFilter	setMinimumDate and setMaximumDate accept now, as parameter, strings having the format "YYYY/MM/DD". These strings are equivalent to "YYYY/MM/DD00:00:00".
CXServer	A new static method getCxjaiVersion returns the version number of the JAI.

Compatibility

Component	Version
Sterling Connect:Express for	>= V143-1 with patch 143-109

UNIX	
Sterling Connect:Express for Microsoft Windows	>= V3.0.3.002

V1.3.1

Modifications

The following table lists the modifications.

Modification	Description
CXJournal	<p>New property XlocalPhysicalName. This property is equivalent to LocalPhysicalName , but with environment variables replaced. (Method get XlocalPhysicalName).</p> <p>New property XlocalPhysicalName. This property is set to true if environment variable replacement in XlocalPhysicalName exceeds 512 characters. (Method isXlocalPhysicalNameOvf).</p>
CXServer	<p>The following methods have been added:</p> <p>String getEnvironmentValue(String name) and</p> <p>String replaceEnvironment(String str)</p>

Compatibility

Component	Version
Sterling Connect:Express for UNIX	>= V143-1 with patch 143-109
Sterling Connect:Express for Microsoft Windows	>= V3.0.3.002

V1.3.0

Modifications

The following table lists the modifications.

Modification	Description
Trace	The presentation of traces has been modified (80 characters / line).
CXJournalFilter	New getter methods : getFileName, getMinimumDate, getMaximumDate, getPartnerName, getRequestor, getStatus et getTransferDirection

CXPartner

Method setProtocol changed: The accepted values for the parameter of this method (protocol value) were incorrect. The values accepted previously were : D : PeSIT-D, E : PeSIT-E F : FTP, 3 : Etebac3, O Odette. This has been corrected to:

UNIX : 1 : Etebac3, 2 : FTP, 3 : PeSIT

Note : On UNIX, the PeSIT protocol level PeSIT (D or E) is defined by the parameter protocolVersion of the session table.

Microsoft Windows : D : PsSIT-D, E: PeSIT-E, 3:

Compatibility

Component	Version
Sterling Connect:Express for UNIX	>= V143-1 with patch 143-104 The patch 143-104 fixes an important problem of the server transmitting erroneously binary zeroes
Sterling Connect:Express for Microsoft Windows	>= V3.0.3.002

Version 1.2

V1.2.1

Modifications

The following table lists the problems that were fixed.

Problème	Description
setFtpStoreUniqueUsed	The method setFtpStoreUniqueUsed of the class CxTransferRequest was improperly denominated setFtpSoreUniqueUsed.
Abnormal termination of the process tom_api of a Sterling Connect:Express for UNIX monitor	The server process tom_api of Sterling Connect:Express for UNIX (Monitor Version prior to V143-1) stops abnormally when receiving a transfer request.
getExternalRequestNumber	The method getExternalRequestNumber of the class CxJournal returned no value.
setRemotePhysicalName	The method setRemotePhysicalName of the class CxTransferRequest is now enabled for a Sterling Connect:Express for UNIX server.

Compatibility

Component	Version
Sterling Connect:Express for UNIX	>= V143-1 with patch 143-104 The patch 143-104 fixes an important problem of the server transmitting erroneously binary zeroes
Sterling Connect:Express for Microsoft Windows	>= V3.0.3.002

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