

webMethods EntireX Adapter

webMethods EntireX Adapter Release Notes

Version 9.7

October 2014

This document applies to webMethods EntireX Adapter Version 9.7.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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The webMethods EntireX Adapter enables webMethods Integration Server to consume (IS out-bound) as well as provide (IS inbound) EntireX RPC services. EntireX supports bidirectional integration with Natural, COBOL, PL/I, C and other applications on z/OS, z/VSE, BS2000/OSD and other platforms. On Linux, UNIX and Windows also Micro Focus COBOL can be integrated with EntireX, bidirectionally.

What's New in Release 9.7

■ Application Monitoring

Application Monitoring is an EntireX feature that enables you to monitor the response times in your distributed applications, and it also enables you to monitor certain error situations. To enable Application Monitoring, see *Application Monitoring*. Application Monitoring was previously offered as part of the Software AG product Optimize for Infrastructure, it is now part of EntireX.

■ Support of Long N/NU/P/PU Data Types

The maximum number of digits for IDL data types N, NU, P and PU has been increased from 29 to 99, and the restriction of 7 digits after the decimal point no longer applies. See *IDL Data Types* in the *IDL File* section in the *IDL Editor* chapter of the *webMethods EntireX* documentation.

Depending on your target programming language (endpoint) the supported number of digits is more restricted. If you connect two endpoints, the total number of digits used must be lower than or equal to the maxima of both endpoints. For the supported total number of digits for endpoints, see the notes under data types N, NU, P and PU in the chapters describing the mapping of IDL data types to the corresponding target language in the *webMethods EntireX* documentation.

■ Server-side Mapping Files for COBOL

Server-side Mapping Files for COBOL

If a COBOL server is wrapped with the COBOL Wrapper or extracted with the IDL Extractor for COBOL, a server mapping file (EntireX Workbench file with extension `.svm` or `.cvm`) is automatically created if required, see *When is a Server Mapping File Required?* in the EntireX Workbench documentation. Previous versions of EntireX support server-side mapping files (extension `.svm`) for COBOL only. These files need to be deployed to the target RPC server. This version supports client-side mapping files (extension `.cvm`) as an alternative. For details, see the EntireX documentation.

■ IDL Extractor for Integration Server Enhancements

The data type mapping from Integration Server data types to IDL data types has been enhanced. This includes a changed handling of content types. See *IDL Extraction from Integration Server*.

- **Brainstorm ID 1085229: Selectively extract IDL File from specified IS Services**
The EntireX Workbench IDL Extractor for Integration Server extracts an IDL file for all services of an Integration Server package. To extract an IDL file only for some specific Integration Server services, a new built-in service is available in the `WmEntireX` package. See *Using the Service* `pub.wmentirex.listener.generateIDLfromService`.
- **Brainstorm ID 1081689: Support for Security Exits**
Adapter services for RPC connections now support user-written security exits. The method `prepareLogon()` of the interface `BrokerSecurity` is now invoked when calling the RPC Server.

Supported Versions of webMethods Integration Server and EntireX Workbench

The EntireX Adapter supports Integration Server version 9.5.1, 9.6, 9.7 and 9.8.

For operating systems supported by the Integration Server, see <https://empower.software-ag.com/Products/Documentation/default.asp> under "webMethods Product Suite" > "Integration Server" > "System Requirements" (pdf).

For design time, Software AG Designer version 9.5.1, 9.6, 9.7 or 9.8 must be installed. This includes the latest version of the EntireX Workbench.

Supported Platforms

EntireX Adapter supports all platforms supported by the respective version of the Integration Server with the exception of the Mac OS platform. See <https://empower.softwareag.com/Products/Documentation/default.asp> under "webMethods Product Suite" > "Integration Server" > "System Requirements" (pdf).

Earlier Releases

Release Notes for earlier releases of the EntireX Adapter. See the webMethods section in <http://documentation.softwareag.com/>.

Platform and Version Support

Software AG provides support for the operating system versions supported by their respective manufacturers. Generally, when an operating system provider stops supporting a version of an operating system, Software AG will stop supporting that operating system version as of the next system maintenance (SM) level delivered by Software AG. Although it may be technically possible to run a new version of webMethods EntireX Adapter on an old operating system, Software AG cannot continue to support operating system versions that are no longer supported by the system's provider.

Please contact Software AG if the webMethods EntireX Adapter you require is not yet available on a particular platform. This also applies if the platform is not listed in the table above.