

webMethods HL7 Module 7.1 SP1 Readme

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This file contains important information you must read before using webMethods HL7 Module 7.1 SP1. You can find additional information about webMethods HL7 Module 7.1 SP1 on the [Software AG Documentation Web site](#). In addition, the following suite-related information is also available at that location:

Product Documentation (includes installation and upgrade information)
System Requirements Documentation

You can find the following information in the Products section of the [Empower Web site](#):
Security Information
Globalization Information

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1.0 Critical Information

This section lists the critical issues that were known when this readme was published. For critical information found later, go to the Knowledge Center portion of the [Empower Product Support Web site](#).

None.

2.0 Known Issues

This section lists issues that were known when this readme was published. For known issues found later, go to the Knowledge Center section of the [Empower Product Support Web site](#).

- WHL-19
webMethods HL7 Module creates IS document types from the XML Schemas (XSDs) supplied by the HL7 organization (<http://www.hl7.org>). However, on Integration Server 7.1.x and IS 8.0.x some of the HL7 2.x message types that contain repeating segment name references are not generated correctly into an IS document type. As a result, such message types do not reflect the accurate HL7 2.x message structure. For example, the segments PID, PD1, PV1, and DB1 are repeated twice in ADT_A24. The issue is resolved in Integration Server 8.2.x, where all HL7 2.x message types are generated correctly into an appropriate IS document type. Following is a list of the XML Schemas that have repeating elements as well as the IS document types that refer to those XML Schemas and are consequently affected by the issue:

Message Version	Base Structure	Affected Message Types
HL7 Version 2.1	ADT_A24, ORM_O01	ADT_A24, ORM_O01
HL7 Version 2.2	ADT_A17, ADT_A24, ADT_A37, NMR_N02, ORM_O01	ADT_A17, ADT_A24, ADT_A37, NMR_N02, ORM_O01
HL7 Version 2.3	ADT_A06, ADT_A17, ADT_A24, RRO_O02	ADT_A06, ADT_A07, ADT_A17, ADT_A24, RRO_O02
HL7 Version 2.3.1	ADT_A17, ADT_A24, ADT_A37, RRO_O02	ADT_A17, ADT_A24, ADT_A37, RRO_O02
HL7 Version 2.4	ADR_A19, ADT_A01, ADT_A02, ADT_A03, ADT_A05, ADT_A06, ADT_A15, ADT_A16, ADT_A17, ADT_A24, ADT_A37, ADT_A54, DFT_P03, DFT_P11, ORP_O10	ADR_A19, ADT_A01, ADT_A02, ADT_A03, ADT_A04, ADT_A05, ADT_A06, ADT_A07, ADT_A08, ADT_A13, ADT_A14, ADT_A15, ADT_A16, ADT_A17, ADT_A24, ADT_A28, ADT_A31, ADT_A37, ADT_A54, DFT_P03, DFT_P11, ORP_O10
HL7 Version 2.5	ADR_A19, ADT_A01, ADT_A02, ADT_A03, ADT_A05, ADT_A06, ADT_A15, ADT_A16, ADT_A17, ADT_A24, ADT_A37, ADT_A54,	ADR_A19, ADT_A01, ADT_A02, ADT_A03, ADT_A04, ADT_A05, ADT_A06, ADT_A07, ADT_A08, ADT_A13, ADT_A14, ADT_A15,

Message Version	Base Structure	Affected Message Types
	DFT_P03, DFT_P11, MFR_M05, NMR_N01	ADT_A16, ADT_A17, ADT_A24, ADT_A28, ADT_A31, ADT_A37, ADT_A54, DFT_P03, DFT_P11, MFR_M05, NMR_N01
HL7 Version 2.5.1	ADR_A19, ADT_A01, ADT_A02, ADT_A03, ADT_A05, ADT_A06, ADT_A15, ADT_A16, ADT_A17, ADT_A24, ADT_A37, ADT_A54, DFT_P03, DFT_P11, MFR_M05, NMR_N01	ADR_A19, ADT_A01, ADT_A02, ADT_A03, ADT_A04, ADT_A05, ADT_A06, ADT_A07, ADT_A08, ADT_A13, ADT_A14, ADT_A15, ADT_A16, ADT_A17, ADT_A24, ADT_A28, ADT_A31, ADT_A37, ADT_A54, DFT_P03, DFT_P11, MFR_M05, NMR_N01
HL7 Version 2.6	ADR_A19, ADT_A01, ADT_A02, ADT_A03, ADT_A05, ADT_A06, ADT_A15, ADT_A16, ADT_A17, ADT_A24, ADT_A37, ADT_A54, ADT_A60, ADT_A61, DFT_P03, DFT_P11, NMR_N01, OPU_R25, QBP_Q15	ADR_A19, ADT_A01, ADT_A02, ADT_A03, ADT_A04, ADT_A05, ADT_A06, ADT_A07, ADT_A08, ADT_A13, ADT_A14, ADT_A15, ADT_A16, ADT_A17, ADT_A24, ADT_A28, ADT_A31, ADT_A37, ADT_A54, ADT_A55, ADT_A60, ADT_A61, ADT_A62, DFT_P03, DFT_P11, NMR_N01, OPU_R25, QBP_Q15, QBP_Z79, QBP_Z97
HL7 Version 2.7	ADT_A01, ADT_A02, ADT_A03, ADT_A05, ADT_A06, ADT_A15, ADT_A16, ADT_A17, ADT_A24, ADT_A37, ADT_A54, ADT_A60, ADT_A61, CSU_C09, DFT_P03, DFT_P11, OMG_O19, ORU_R30, OSM_R26, RDE_O11, RDS_O13	ADT_A01, ADT_A02, ADT_A03, ADT_A04, ADT_A05, ADT_A06, ADT_A07, ADT_A08, ADT_A13, ADT_A14, ADT_A15, ADT_A16, ADT_A17, ADT_A24, ADT_A28, ADT_A31, ADT_A37, ADT_A54, ADT_A55, ADT_A60, ADT_A61, ADT_A62, CSU_C09, CSU_C10, CSU_C11, CSU_C12, DFT_P03, DFT_P11, OMG_O19, ORU_R30, OSM_R26, RDE_O11, RDE_O25, RDS_O13

- WHL-131

When using the HTTP protocol to send HL7 messages, HL7 Module does not send an acknowledgment message back to the sender. The issue occurs when HL7 Module acts as both Sender and Receiver.

To workaroud this issue, when specifying a value for the "hl7ProtocolAgreement/Acknowledgment/ackProtocol" parameter in the default HL7TPA in Trading Networks, set that parameter to any of the supported protocols other than HTTP.

3.0 Usage Notes

This section highlights product limitations and changes to product behavior introduced in this release.

- **WHL-58**
HL7 Module does not process the 'escape' XML tag for XML-encoded HL7 messages.
When HL7 Module encounters an escape XML tag in an XML-encoded HL7 message field of data type FT during conversion to IData, it does not process the escape XML tag but retains it as an <escape> tag in the IData representation of the XML-encoded HL7 message.
- **WHL-117**
HL7 Module does not perform code table validation correctly for fields containing data types CE, CNE, CWE, and CF.
When validating code tables in HL7 Module, the code tables embedded in field components or subcomponents are not cited in the attribute column. HL7 Module does not validate correctly fields with the CE, CNE, CWE, and CF data types as they are an exception to this convention. The fields of type CE, CF, CM, CNE, and CWE are complex data types that may contain code table citation at the field level and not at the data level explicitly. For example, the ROL.3 field in ADT_A04 v2.4 (of type CE) cites a code table HL70443, but because it is a complex data type, it is also applicable for data members CE.1 through CE.6. Each of the CE, CF, CM, CNE, and CWE data types have different validation meanings based on the combination of the data in the component fields.
- Incoming HL7 messages with XML encoding should conform to the message document structure generated in the WmHL7DocTypes package. For example:
If in the WmHL7DocTypes package, the Insurance group for an ADT_A04 message is defined as <ADT_A01.INSURANCE>, the incoming HL7 message should conform to this message document structure.

4.0 Enhancements and Fixes

This section describes the fixes and enhancements included in webMethods HL7 Module 7.1 SP1.

4.1 Fixes and Service Packs Included in This Release

This section lists the fixes and service packs for previous releases that have been included into the current release. If only some issues in a fix or service pack have been included, that partially included fix or service pack is not listed here, and those issues are listed separately in [Section 4.2 Resolved Issues](#). See the Knowledge Center section of the [Empower Product Support Web site](#) for more information about fixes and service packs.

None.

4.2 Resolved Issues

This section lists issues that were resolved in this release and that are not included in the fixes and service packs listed in [Section 4.1 Fixes and Service Packs Included in This Release](#). These issues might have been resolved in a fix or service pack that was not included in its entirety into this release, or they might have been resolved since the last fix or service pack was released.

None.

4.3 Enhancements

For a detailed list of the enhancements included in webMethods HL7 Module 7.1 SP1, see the Release Notes available on the [Software AG Documentation Web site](#).

4.4 Documentation Changes

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content.

None.

4.5 Terminology Changes

This section lists terminology that has changed since the last full release of the product.

None.

4.6 Deprecated Items

This section lists product functionality that has been deprecated since the last full release of the product. Deprecated Built-In services and APIs are listed in the relevant sections that follow this one.

None.

4.7 Added, Removed, Deprecated, or Changed Built-in Services

This section lists Built-In services that have been added, removed, deprecated, or changed since the last full release of the product.

Added Service

None.

Removed Service

None.

Deprecated Service

None.

Replacement Service (if applicable)

Changed Service

wm.ip.hl7.admin:shutDown

Description

This service is not public now and cannot be accessed from the WmHL7 package.

wm.ip.hl7.admin:startUp

This service is not public now and cannot be accessed from the WmHL7 package.

wm.ip.hl7.service:convertHL7ToIData

Added *charsetEncoding* as a new input parameter. Removed *messageScheme* and *tpaID* from the input parameters.

Added *warnings* as a new output parameter.

wm.ip.hl7.service:convertIDataToHL7

Removed *messageScheme* and *tpaID* from the input parameters.

Added *warnings* as a new output parameter.

wm.ip.hl7.service:validate

Added *charsetEncoding* as a new input parameter. Removed *messageScheme* and *tpaID* from the input parameters.

wm.ip.hl7.tn.admin:shutDown

This service is not public now and cannot be accessed from the WmHL7 package.

wm.ip.hl7.tn.admin:startUp

This service is not public now and cannot be accessed from the WmHL7 package.

wm.ip.hl7.tn.service:send

The following parameters are now optional:

- *tnProtocol*
- *senderID*
- *senderIDType*
- *receiverID*
- *receiverIDType*

Added *charsetEncoding* as a new input parameter.

Changed Service	Description
wm.ip.hl7.tn.tpa.rec:HL7TPA	Added <i>hl7Properties</i> as a new input parameter. Removed <i>agreementID</i> from the input parameters.
wm.ip.hl7.tn.utils:createBizDoc	Added <i>charsetEncoding</i> as a new input parameter.
wm.ip.hl7.tn.tpa:createDefaultTPA	Renamed the service to wm.ip.hl7.tn.tpa:createHL7TPA
wm.ip.hl7.utils:deleteMessageScheme	Added <i>quickDelete</i> and <i>reloadPackage</i> as new input parameters.

4.8 Added, Removed, Deprecated, or Changed APIs

This section lists APIs that have been added, removed, deprecated, or changed since the last full release of the product.

None.

5.0 Copyright Information

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6.0 Support

To obtain support for webMethods Product Suite components, refer to the following resources:

[Empower Product Support Web site](#)

Visit the Empower Web site to learn about support policies and critical alerts, read technical articles and papers, download products, fixes, and service packs, submit feature/enhancement requests, and more.

[Software AG Developer Community for webMethods](#)

Visit the Software AG Developer Community to access additional articles, demos, and tutorials, technical

information, useful resources, online discussion forums, and more.

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