

webMethods HL7 Module 7.1 Readme

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This file contains important information you must read before using webMethods HL7 Module 7.1 FCS. You can find additional information about webMethods HL7 Module 7.1 FCS 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, some of the IS document types do not conform to the HL7 Schema as they contain more than one element with the same name. As a result, the generated IS document types for these message types do not reflect the accurate message structure, and HL7 Module can not process the HL7 messages for these message types successfully.
This issue occurs when sending/receiving a message that contains any segment with repeating references in the XML Schema definition. For example, the PID, PD1, PV1, DB1 segment is repeated twice in ADT_A24. Currently there is no workaround for this issue.
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,	ADR_A19, ADT_A01, ADT_A02, ADT_A03, ADT_A04, ADT_A05, ADT_A06, ADT_A07, ADT_A08,

Message Version	Base Structure	Affected Message Types
	ADT_A24, ADT_A37, ADT_A54, DFT_P03, DFT_P11, MFR_M05, NMR_N01	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 2.5.1	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

- **WHL-84**
Validation of HL7 messages is successful even when none of the constituent segments or groups in a required group are found in the message.
When executing the HL7 Module validate service for an HL7 message with a group that has 1 minOccurs and none of the segments are found, the service validates the message instead of returning an error.
There is no workaround for this issue.
- **WHL-60**
The HL7 Module convertIDataToHL7 service throws an error for double-byte characters.
The convertIDataToHL7 service throws an error when an HL7 message contains a double-byte character.
Currently HL7 Module does not handle double-byte characters.
There is no workaround for this issue.
- **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.
There is no workaround for this issue.

- WHL-81

HL7 Module incorrectly processes HL7 messages that contain a similar starting segment for one or more segment groups at the same level.

In an HL7 message scheme, when a particular segment occurs as the first segment in two consecutive segment groups in a message, or when a segment (for example S1) follows a group that has the S1 segment as the first segment, the HL7 Module convertHL7toIData and validate services may throw an exception depending on the input.

Following is an example of the second case (where a segment follows a group starting with a similar segment) with the SUR_P09 message:

```
...
{
  PSH
  PDC
}
PSH
...
```

There is no workaround for this issue.

3.0 Usage Notes

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

Working with the “anyHL7Segment” segment

A number of HL7 message types contain references to the “anyHL7Segment” segment. The “anyHL7Segment” segment is a placeholder for any valid HL7 segment. You should modify the message definition by replacing “anyHL7Segment” with the appropriate segment reference, as required in your respective environment. If you fail to replace “anyHL7Segment” with a valid HL7 segment, any message processing may have an unexpected result.

4.0 Enhancements and Fixes

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

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

This section lists the enhancements introduced in this release.

None.

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

None.

4.6 Deprecated Items

None.

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

None.

4.8 Added, Removed, Deprecated, or Changed APIs

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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