

ITK v2.01 updates to HL7 v2 Specifications

Change Log

26/07/2012

1 Introduction

This document provides a summary of the changes made to the HL7 v2 Specifications as part of the ITK v2.01 release.

2 Overview

In general this is a “bug fix” release, and the documentation updates are intended to correct errors and bring the documentation back into line with accepted real-world practice. Therefore the impact of most changes is expected to be minor.

There are four categories of change within the specifications in this release:

- A number of formatting changes have been made to the specification documents to aid the readability of the documents.
- The HL7 v2 Message specification has been updated to include minor changes requested by NHS users. They also include improved guidance for message construction and query/response messages.
- The HL7 V2 Reference Tables Documentation is updated to include default codes in some of the tables.
- Both the WSDL and Schema files have been updated to reflect above changes along with minor bug fixes.

Further details of each of the above are detailed below.

3 Changes to HL7 v2 Message Specifications

Minor changes to the documentation include:

- Added guidance for message construction and use of NULL in v2 message fields.
- The section detailing query/response message specification is revised to have correct query definitions and segments
- The MSH segment is modified for MSH.4 and MSH.6 to allow 5 character codes.
- PV1 segment is modified for PV1.10 and PV1.14 to have CE data types
- Datatype XAD is modified for XAD.8. This field is now NOT linked to table 0289
- ELD datatype is added to specification to be used by ERR segment
- General formatting changes to improve readability.

4 Changes to HL7 v2 Reference Tables Documentation

The following tables are updated so as to include the default codes -

User Table 0002 - Marital Status
User Table 0007 - Admission Type
User Table 0023 - Admit source
User Table 0112 - Discharge disposition
User Table 0113 - Discharge to location
User Table 0171 - Citizenship (Overseas Visitor Status)
User Table 0189 - Ethnic group
User Table ZU018 - Labour/Delivery Onset Method
User Table ZU020 - Neonatal level of care
User Table ZU042 - Delivery Place Change Reason
User Table ZU044 - Status Of Person Conducting Delivery
User Table ZU047 - Legal Status On Admission
User Table ZU048 - Legal Status At Census Date
User Table ZU049 - Mental Category
User Table ZU051 - Intended Management

Updated HL7 Table 0399 with latest country codes from ISO 3166-1 Alpha 3 and 7 additional UK Internal codes as used by PDS.

Additionally, formatting changes have been applied to the document to aid readability.

5 Changes to WSDL Files

Minor changes have been applied to the WSDL files to correct erroneous service names and ensure that the “soapAction” is consistent across the various WSDL files.

The PEM Inpatient Encounter Management WSDL is updated to support A05 and A38 Message Triggers, which were previously missing.

The WSDL file names are changed to reflect the new versions.

6 Changes Schema Files

The XML Schema files have been updated to incorporate changes as listed above.

In addition:

- Minor changes applied to correct the CE data type defined in the data type schema. CE.1 and CE.4 is changed type to ST from CM_CE. These changes are in accordance with the International HL7 v2 specifications.
- PV1.10 and PV1.14 are changed to CE data type so as to allow local codes along with national codes in the same field.
- AL1.1 is changed to type SI.

The schema file names are changed to reflect the new versions.