DCMTK - Conformance #624

CP-1031 introduces Long and URN Code Values

2015-02-18 10:33 - Jörg Riesmeier

Status:	Assigned		**Start date:**	2015-02-18
Priority:	Normal		**Due date:**	
Assignee:	Jörg Riesmeier		**% Done:**	80%
Category:	Library		**Estimated time:**	0:00 hour
Target version:				
Module:			**Compiler:**	
Operating System:				

Description

CP-1031 introduces two new attributes for the code value: Long Code Value (0008,0119) and URN Code Value (0008,0120)

This is done in an incompatible way, since the existing Code Value (0008,0100) attribute now switched its type from 1 to 1C: "Shall be present if the code value length is 16 characters or less, and the code value is not a URN or URL."

In addition, this CP also introduces the new optional (Type 3) Equivalent Code Sequence (0008,0121) being part of the Code Sequence Macro (Table 8.8-1)

The DSRCodedEntryValue class should be enhanced accordingly.

History

#1 - 2015-06-11 10:55 - Jörg Riesmeier

- % Done changed from 0 to 80

Added initial support for long code values according to CP-1031. By default, the type of a code value (short, long or URN) is determined automatically, e.g. when setting the value of a DSRCodedEntryValue instance. However, the type can also be specified manually. Please note that for some methods, the position of the optional "check" parameter moved after the new "codeValueType" parameter. Support for the optional Equivalent Code Sequence (0008,0121) is still missing.

http://git.dcmtk.org/web?p=dcmtk.git;a=commit;h=95fcb5d65c4d99521771eb492f08520998513e30

#2 - 2015-09-02 11:27 - Jörg Riesmeier

- Status changed from New to Assigned

#3 - 2016-10-27 13:35 - Jörg Riesmeier

- Target version deleted (3.6.2)

The new optional (Type 3) attributes are not that important that supporting them is absolutely necessary for the next DCMTK release.