DCMTK - Feature #727

CP-1603: Enhance Coding Schemes Table... and introduce "Coding Scheme Resources Sequence"

2017-03-03 14:37 - Jörg Riesmeier

Status:	Assigned		**Start date:**	2017-03-03
Priority:	Normal		**Due date:**	
Assignee:	Jörg Riesmeier		**% Done:**	0%
Category:	Library		**Estimated time:**	0:00 hour
Target version:				
Module:	dcmsr, dcmsr/cmr		**Compiler:**	
Operating System:				

Description

Rationale for Correction:–

Table 8-1 (Coding Schemes) in PS3.16 (Content Mapping Resource) lists the coding schemes defined for use in DICOM. However,–
it does not always contain sufficient or easy to find information for filling some optional attributes of the Coding Scheme Identification–
Sequence (0008,0110) in the SOP Common Module, e.g. the Coding Scheme Name (0008,0115) or the Coding Scheme Responsible–
Organization (0008,0116).–

It is proposed to introduce additional columns to Table 8-1 that contain such information explicitly (if available). Having separate–
columns for this purpose makes it easier to extract this information automatically from the machine-readable DocBook/XML version–
of the DICOM standard text. In order to avoid redundancy, the text in the "Description" column should also be revised.–

Also, link to the Normative Reference section entries where appropriate.–

In addition, it is useful to provide URLs that link to documentation, representations or services related to the coding scheme, and it–
should be possible to encode these in the IOD.–

The poorly placed note (added by CP 373) describing the incorrect attribution of alphabetic sex codes to ISO 5218 is moved into–
the description column and improved.–

Current status of this CP is "VP" (Voting Package).

History

#1 - 2017-06-29 14:00 - Jörg Riesmeier

- Status changed from New to Assigned

Final Text version of CP-1603 is now available: ftp://medical.nema.org/medical/dicom/final/cp1603_ft_enhance_coding_schemes_table.pdf