DCMTK - Conformance #948

Add support for CP-1998: Relax unnecessary TID 1500 requirements to simplify for some AI/ML use cases–

2020-09-22 13:22 - Jörg Riesmeier

Status:	Closed		**Start date:**	2020-09-22
Priority:	Normal		**Due date:**	
Assignee:	Jörg Riesmeier		**% Done:**	100%
Category:	Library		**Estimated time:**	5:00 hours
Target version:				
Module:	dcmsr/cmr		**Compiler:**	
Operating System:				

Description

Rationale for Correction:–

TID 1500 requires a Language, Procedure Reported, an empty section (CONTAINER) for the Image Library, and both Tracking–
Identifier and Unique Identifier, all of which complicate the "simplest" example used in Sup 219 (JSON).–
It is proposed to modify TID 1500 to relax these requirements that are not needed for many simple AI/ML use cases for which the–
information is either not available or unnecessary. E.g., it would be harmless to omit an empty Image Library CONTAINER). and–
Procedure Reported may not be known and will often be a dummy value based on Modality only, and the Language is irrelevant for–
measurements (though not for code meanings of coded concepts, but could be assumed or just left unstated). The Tracking Identifier–
and Unique Identifier are not needed when there is only one lesion and no temporal change tracking is needed for the use case.–

(see: ftp://medical.nema.org/medical/dicom/final/cp1998_ft_TID1500ptionalityForAIUseCases.pdf)

Related issues:

Related to DCMTK - Conformance #852: Add support for CP-1789 (Allow categoric...	**Closed**	**2018-11-13**
Has duplicate DCMTK - Conformance #981: Add support for CP-1998: Relax unnece...	**Closed**	**2021-04-13**

History

#1 - 2021-04-21 09:03 - Jörg Riesmeier

- Has duplicate Conformance #981: Add support for CP-1998: Relax unnecessary TID 1500 requirements to simplify for some AI/ML use cases added

#2 - 2021-07-07 13:10 - Jörg Riesmeier

- Related to Conformance #852: Add support for CP-1789 (Allow categorical observations without measurements for ROIs in TID 1500) added

#3 - 2021-07-07 18:59 - Jörg Riesmeier

- Estimated time set to 5:00 h

#4 - 2021-07-08 15:57 - Jörg Riesmeier

- Status changed from New to Closed

- % Done changed from 0 to 100

Closed by commit a322fea97.