DCMTK - Bug #396

RLE does not allow fragmented frames

2012-02-28 00:00 - Jörg Riesmeier

Status:	Closed		**Start date:**	
Priority:	High		**Due date:**	
Assignee:	Jörg Riesmeier		**% Done:**	100%
Category:			**Estimated time:**	0:00 hour
Target version:	3.6.2			
Module:	dcmdata		**Compiler:**	
Operating System:				

Description

In DICOM PS 3.5-2011 Section A.4.2: "Each frame shall be encoded in one and only one Fragment."

However, the current implementation ignores this. A warning during compression and decompression would be appropriate. In fact, the creation of such erroneous files should be prevented in the first place.

History

#1 - 2013-02-13 17:23 - Jörg Riesmeier

- Target version set to 3.6.2

#2 - 2013-04-28 23:57 - Andrew Chiw

- Subject changed from RLE erlaubt keine Fragmentierung eines Frames to RLE does not allow fragmented frames

#3 - 2013-11-28 18:54 - Jörg Riesmeier

The command line tool "dcmcrle" has a small note saying that the --fragment-size option is "(non-standard)". However, the underlying class DcmRLEEncoderRegistration is silent on this violation of the DICOM standard.

#4 - 2014-08-04 12:00 - OFFIS DICOM Team

- Assignee set to Jörg Riesmeier

Generate Warning if somebody creates a dataset with fragmented RLE frames.

#5 - 2014-10-14 18:21 - Jörg Riesmeier

- Status changed from New to Closed

- % Done changed from 0 to 100

See commit aae384f.