

DCMTK - Bug #314

DcmElement::getUncompressedFrameSize() funktioniert nur bei BitsAllocated = n*8

2009-11-09 00:00 - Jörg Riesmeier

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Marco Eichelberg	% Done:	100%
Category:	Library	Estimated time:	0:00 hour
Target version:	3.6.2	Compiler:	
Module:	dcmdata		
Operating System:			
Description			
Wenn BitsAllocated kein Vielfaches von 8 ist, dann stimmt die berechnete Frame-Größe insofern nicht, als dass in "DcmPixelData::getUncompressedFrame()" bei unkomprimierten Bildern ein falsches Start-Offset berechnet wird.			

History

#1 - 2014-02-05 11:41 - Jörg Riesmeier

- Category set to Library
- Assignee set to Marco Eichelberg

Already fixed by this commit?
<http://git.dcmtk.org/web?p=dcmtk.git;a=commit;h=c94561123395e91aa204b78df94976bc4cc7a494>

#2 - 2014-02-05 11:46 - Marco Eichelberg

Jörg Riesmeier wrote:

Already fixed by this commit?
<http://git.dcmtk.org/web?p=dcmtk.git;a=commit;h=c94561123395e91aa204b78df94976bc4cc7a494>

It seems to me that this indeed fixes the bug; the strange thing is that the commit was in May 2009, but the Redmine entry was created in November 2009.

#3 - 2014-02-05 11:57 - Jörg Riesmeier

- Tracker changed from Feature to Bug
- Target version set to 3.6.2
- % Done changed from 0 to 50

I checked the old "bug list" in the Wiki: the timestamp seems to be correct (which does not clarify the contradiction). So, we probably need to test the code with an appropriate test file...

#4 - 2015-04-22 13:36 - Marco Eichelberg

- File getUncompressedFrameSizeTest.dcm.gz added
- Status changed from New to Closed
- % Done changed from 50 to 100

I have created a test image with 3 frames and BitsAllocated=24, and image display works just fine. So the commit from 2009 indeed solved this problem. Attached the test file (manually generated starting with a Cabinet test image).

Files

getUncompressedFrameSizeTest.dcm.gz	69.7 KB	2015-04-22	Marco Eichelberg
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