

DCMTK - Feature #995

Print warning in dcm2img when processing JPEG files with non-standard 4:4:4 or 4:2:0 subsampling

2021-06-16 10:10 - Marco Eichelberg

Status:	Closed	Start date:	2021-06-16
Priority:	Normal	Due date:	
Assignee:	Marco Eichelberg	% Done:	100%
Category:	Library and Apps	Estimated time:	0:00 hour
Target version:		Compiler:	
Module:	dcmdata		
Operating System:			
Description			
Mathieu Malaterre writes:			
"It would be super nice if somewhere in the log message of img2dcm an info/warning was added in the log to inform the user that the input JPEG is non-standard per strict interpretation of the standard.			
Typical steps to reproduce:			
\$ convert -size 512x512 xc:#ff0000 red.jpg			
\$ ffmpeg -i red.jpg -pix_fmt yuvj444p red444.jpg			
\$ ffmpeg -i red.jpg -pix_fmt yuvj422p red422.jpg			
\$ ffmpeg -i red.jpg -pix_fmt yuvj420p red420.jpg			
The following three commands produces the exact same log:			
\$ img2dcm red444.jpg red444.dcm			
\$ img2dcm red422.jpg red422.dcm <-- correct one			
\$ img2dcm red420.jpg red420.dcm			
DICOM CP 1653 seems to clarify usage of YBR_FULL_422 even for chroma sampling 4:2:0 / 4:4:4."			

History

#1 - 2025-01-29 18:11 - Marco Eichelberg

- Status changed from New to Closed
- Assignee set to Marco Eichelberg
- % Done changed from 0 to 100

Closed by commit #cee4ba81a.