

DCMTK - Bug #987

Reading DICOM files from stdin may lead to infinite loop on Windows

2021-05-01 14:50 - Marco Eichelberg

Status:	Closed	Start date:	2021-05-01
Priority:	Normal	Due date:	
Assignee:	Marco Eichelberg	% Done:	100%
Category:	Library and Apps	Estimated time:	2:00 hours
Target version:	3.6.7	Compiler:	
Module:	dcmdata		
Operating System:	Win32		

Description

The recently introduced feature that allows DICOM files to be read from stdin causes DcmFileFormat::loadFile() to be stuck in an infinite loop in some cases.

This only affects Windows, not any of the Posix operating systems.

The reason is apparently that Windows by default operates stdin in text mode, and DCMTK fails to switch to binary mode before starting to read DICOM data from stdin.

The error can be reproduced by piping the attached sample file to dcmdump with dcmdump - < dset_xfer_deflated.dcm

History

#1 - 2021-05-01 14:52 - Marco Eichelberg

- Status changed from New to Closed
- % Done changed from 0 to 100
- Estimated time set to 2:00 h

Closed by commit #96404f76e.

Files

dset_xfer_deflated.dcm	459 Bytes	2021-05-01	Marco Eichelberg
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