

DCMTK - Feature #1081

Use oficonv for character set conversion in libxml2

2023-07-04 12:51 - Marco Eichelberg

Status:	New	Start date:	2023-07-04
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Library	Estimated time:	0:00 hour
Target version:		Compiler:	
Module:			
Operating System:			
Description <p>The libxml2 library can be compiled against GNU libiconv and in this case offers support for XML files in encodings other than UTF-8 and Latin-1 (which are always supported). DCMTK uses this feature in xml2dcm oder xml2dsr to convert into the target character set (as specified by SpecificCharacterSet). Since oficonv offers the same iconv() interface as GNU iconv, it might be possible to make libxml2 use the oficonv routines. The main difficulty is that libxml2 is compiled prior to DCMTK, so the integration would have to happen at runtime.</p>			