

DCMTK - Feature #430

Out of source tree build for GNU autoconf

2012-07-12 21:41 - Jörg Riesmeier

Status:	Rejected	Start date:	2012-07-12
Priority:	Normal	Due date:	
Assignee:	Uli Schlachter	% Done:	0%
Category:	Configuration	Estimated time:	0:00 hour
Target version:		Compiler:	
Module:	all		
Operating System:			
Description			
Currently, the GNU autoconf system in DCMTK does not support building the toolkit in a different directory (unlike CMake). This would be desired since this would make many things easier (like using git, parallel builds with autoconf and CMake, etc.)			

History

#1 - 2012-09-17 14:39 - Uli Schlachter

Relevant parts of the autoconf manual:

http://www.gnu.org/savannah-checkouts/gnu/autoconf/manual/autoconf-2.69/html_node/Build-Directories.html#Build-Directories
http://www.gnu.org/savannah-checkouts/gnu/autoconf/manual/autoconf-2.69/html_node/VPATH-and-Make.html#VPATH-and-Make

#2 - 2012-09-19 16:54 - Uli Schlachter

- File out_of_tree_ofstd.patch added

The attached patch makes it possible to build ofstd out of tree.

Caveats:

- No clue what the purpose of some of the code is that I removed from configure/confmod
- This might be using "abs_" too much (e.g. try top_builddir instead of abs_top_builddir)
- None of the sed-calls properly escape the path. For example, if the path to the buildir or srcdir contains a ":", this might explode
- Lots of work left
- Lots of subtle bugs introduced

I think that switching to cmake exclusively is way easier than trying to make this work properly. (And also better in the long term, less build systems to maintain)

#3 - 2025-08-29 18:18 - Marco Eichelberg

- Status changed from New to Rejected

Out of source tree build possible now with the CMake toolchain.

Files

out_of_tree_ofstd.patch	8.52 KB	2012-09-19	Uli Schlachter
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