Exiv2 - Bug #852

CMake error on Win8/VS2012 with XMP (patch included)

06 Oct 2012 03:31 - Daniel Kaneider

Status:	Closed		**Start date:**	06 Oct 2012
Priority:	Normal		**Due date:**	
Assignee:	Robin Mills		**% Done:**	100%
Category:	build		**Estimated time:**	0.00 hour
Target version:	0.24			

Description

When I try to run CMake, I get the following error

```
-- Performing Test ICONV_COMPILES
-- Performing Test ICONV_COMPILES - Failed
-- Could NOT find ICONV (missing:  ICONV_TEST ICONV_INCLUDE_DIR ICONV_COMPILES)
-- Found ZLIB: ../../zlib-1.2.7/$(ConfigurationName)/zlib (found version "1.2.7.1")
-- Found EXPAT: ../../expat-2.1.0/Release/expat
-- Could NOT find ICONV (missing:  ICONV_TEST ICONV_INCLUDE_DIR ICONV_COMPILES)
.........
-- -------------------------------------------------------------------
-- exiv2 0.23 configure results        <http://www.exiv2.org>
-- Building PNG support:              YES
-- Building shared library:          YES
-- XMP metadata support:             YES
-- Building static libxmp:           YES
-- Native language support:          YES
-- Conversion of Windows XP tags:    YES
-- Nikon lens database:              YES
-- Commercial build:                 NO
-- Build the unit tests:             YES
-- Building translations files:      NO
-- -------------------------------------------------------------------
-- MSVC -> forcing use of dynamically-linked runtime.
CMake Error at xmpsdk/CMakeLists.txt:21 (GET_TARGET_PROPERTY):
  Cannot find source file:

    ../../expat-2.1.0/Release/expat

  Tried extensions .c .C .c++ .cc .cpp .cxx .m .M .mm .h .hh .h++ .hm .hpp
  .hxx .in .txx

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-- MSVC -> forcing use of dynamically-linked runtime.
-- Configuring incomplete, errors occurred!
```

I resolved the problem with the patch applied. Since the EXPAT-libraries are already linked later on, there is no need to add them to that xmp library.

With this patch, and the reverted patch of Issue 844, I was able to compile the exiv2lib/exiv2 subprojects. Anyways the tests did not build, but that's another issue. Just verify that my patch doesn't break them on other platforms ;)

Associated revisions

Revision 2894 - 06 Oct 2012 15:11 - Robin Mills

Fix. Issue: #852. libxmp should not be linked with expat. Thanks Daniel for providing the patch.

History

#1 - 06 Oct 2012 06:02 - Robin Mills

- Status changed from New to Assigned

- Assignee set to Robin Mills

- Priority changed from High to Normal

Thanks very much for sending this. I'll review and submit later in the weekend. I've added some general remarks about our CMake support to issue [#853](#853).

#2 - 19 Oct 2012 22:02 - Robin Mills

- Status changed from Assigned to Resolved

- % Done changed from 0 to 100   2/2

I believe this is complete. I've changed the status to resolved. This issue won't be closed until the 0.24 release (expect late November 2012)

#3 - 24 Jul 2013 15:22 - Robin Mills

- Status changed from Resolved to Closed

Fixed in 0.24.

Files

VSxmp.patch	874 Bytes	06 Oct 2012	Daniel Kaneider