

Exiv2 - Feature #1028

Add GSoC13 video-write code

01 Feb 2015 01:16 - Robin Mills

Status:	Resolved	Start date:	01 Feb 2015
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	10%
Category:	video	Estimated time:	10.00 hours
Target version:	1.0		
Description			
<p>This is an "umbrella" task to track a key feature to be added in Exiv2 v0.26.</p> <p>The following items have been identified. More will be discovered as we proceed.</p> <ol style="list-style-type: none">(1) Get the code to build without warnings and pass the test suite on all 5 platforms. MSVC is broken.(2) Ensure that the build-server will build/test branches/video-refactoring.(3) Simplify the code(4) Review make testv and make testvw.(5) Integrate svn://dev.exiv2.org/svn/branches/video_refactoring to trunk <p>Currently, Robin will undertake items (1), (2) and (5) and hope that Abhinav and Mahesh will work on (3) and/or (4).</p>			
Related issues:			
Related to Exiv2 - Bug # 1104: Buffer overflow in Exiv2::RiffVideo::dateTimeO...		Assigned	10 Aug 2015
Related to Exiv2 - Bug # 1068: Video Code Umbrella		Assigned	26 Apr 2015

Associated revisions

Revision 3585 - 01 Feb 2015 01:31 - Robin Mills

#1028. Fix broken MSVC build.

Revision 3593 - 02 Feb 2015 03:51 - Robin Mills

#1028. Integrate video code from branches/video-refactoring to branches/video-write.

Revision 3594 - 03 Feb 2015 03:56 - Robin Mills

#1028 Fix msvc2003 build. src/*video.cpp files generate warnings to be fixed later.

Revision 3595 - 03 Feb 2015 04:40 - Robin Mills

#1028 Added jenkins_build support to run make teste/testv/testvw/testx

Revision 3596 - 03 Feb 2015 05:19 - Robin Mills

#1028 Remove version.hpp from include/exiv2/exiv2.hpp as it breaks build on MinGW looking for regex
May decide to move include/exiv2/version.hpp to src/exiv2/version_int.hpp

Revision 3597 - 03 Feb 2015 06:10 - Robin Mills

#1028 Corrections to r3596

Revision 3684 - 13 Apr 2015 09:47 - Robin Mills

#1028 and #1053. Change options to regex to respect ^ and \$ in option -g

History

#1 - 02 Feb 2015 04:12 - Robin Mills

Integrating the trunk into video-refactoring is a big job (900+ file changes). So, I have created a new branch 'video-write' from trunk. r3592

branches/video-refactoring should be considered closed. **Please do not submit code to branches/video-refactoring** I'll remove it when we are confident that it is of no further value. **All future submission to this project should be to branches/video-write.**

I have integrated the video code from video-refactoring to video-write. r3593. It successfully builds and passes the test suite on all 5 platforms.

<http://exiv2.dyndns.org:8080/job/Exiv2-video-write/2/>

make testv and make testvw report exceptions which I'd like Abhinav to investigate (on Linux or Mac). Abhinav: please ask if you need assistance with this.

#2 - 23 May 2015 08:37 - Robin Mills

- *Status changed from Assigned to Resolved*

#3 - 04 Jan 2016 10:42 - Robin Mills

- *% Done changed from 0 to 10*

- *Estimated time set to 10.00*

I was very surprised on February 1, 2015 to get the video-write code to build on MSVC and created a branch. Sadly, very little has been done since. I'll investigate re-integrating the video-write code into the trunk.

#4 - 27 Mar 2016 09:31 - Robin Mills

- *Target version changed from 0.26 to 1.0*

The video code requires to be reviewed and refactored. I'm going to defer this for now. I hope this will be the headline feature of v1.0