

Exiv2 - Feature #941

Upgrade xmpsdk source to Adobe's current version

27 Dec 2013 19:55 - Robin Mills

Status:	Closed	Start date:	27 Dec 2013
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	100%
Category:	xmp	Estimated time:	50.00 hours
Target version:	0.27		
Description			
http://www.adobe.com/devnet/xmp/sdk/eula-cc201306.html			
Issue#940 is concerned with compiler warnings. Most of them come from xmpsdk/src. I've fixed the warnings, however perhaps it is time to refresh this part of the code base.			
Robin			
Related issues:			
Related to Exiv2 - Bug #940: Compilation warnings		Closed	25 Dec 2013
Related to Exiv2 - Feature #937: Support Darwin Core (DwC) XMP metadata		Closed	04 Dec 2013
Related to Exiv2 - Feature #742: External XMP SDK and/or XMP SDK 2014.12		Closed	23 Nov 2010
Related to Exiv2 - Bug #787: xmp handling faults (I) - AKA: policing XMP name...		Assigned	29 Aug 2011
Related to Exiv2 - Bug #788: xmp handling faults (II) - AKA: policing XMP nam...		Assigned	29 Aug 2011
Related to Exiv2 - Bug #789: xmp handling faults (III) - AKA: policing XMP na...		Assigned	30 Aug 2011
Related to Exiv2 - Feature #599: XMP packets split across multiple APP1 segments		Closed	06 Jan 2009
Related to Exiv2 - Bug #639: Editing existing XMP properties in XMP sidecars ...		New	14 Jun 2009
Related to Exiv2 - Patch #786: thread safety of xmp toolkit		Closed	10 Aug 2011
Related to Exiv2 - Support #1082: Crash when removing property of unregistere...		Closed	15 May 2015
Related to Exiv2 - Bug #751: adobe xmp namespace		Closed	17 Jan 2011
Related to Exiv2 - Feature #1050: Extend exif <> iptc <> xmp conversions		Assigned	04 Apr 2015
Related to Exiv2 - Bug #1284: Possible exiv2 0.26-svn bug		Closed	13 Mar 2017
Related to Exiv2 - Support #1331: exiv2 fails to delete bulk of metadata in jpeg		Closed	19 Dec 2017

History

#1 - 29 Dec 2013 19:54 - Andreas Huggel

Other related issues are [#751](#), [#787](#), [#788](#), [#789](#)

We have subtle changes in our version of the XMP-SDK which make an upgrade a difficult project.

I recall a discussion with someone from Adobe in an XMP forum when I tried to get them to change XMP-SDK a bit but was not able to get them interested. That was related to the [per-object namespace registry](#). It is possible that my understanding of XMP at that time was not complete. Unfortunately, that has not improved in the meantime..

#2 - 18 Aug 2014 07:31 - Robin Mills

- Assignee changed from Robin Mills to Andreas Huggel

Andreas volunteered to take on this challenge in 2015.

There is a topic on the forum concerning IPTC checksum/digest. Phil (Harvey) has made a very helpful comment about this. And I think we should investigate if something needs to be done about this checksum when we update the XMP support.

#3 - 12 Jan 2015 23:03 - Robin Mills

- Target version changed from 0.25 to 0.26

#4 - 29 Jan 2015 00:22 - Robin Mills

Forum discussion: <http://dev.exiv2.org/boards/3/topics/1873>

#5 - 27 Sep 2015 03:41 - Andreas Huggel

- Target version changed from 0.26 to 1.0

#6 - 13 Jun 2016 06:45 - Robin Mills

- Assignee changed from Andreas Huggel to Robin Mills

- Target version changed from 1.0 to 0.28

#7 - 27 Aug 2016 13:42 - Alan Pater

It appears that Adobe has updated the XMP Toolkit again, current version is 2016.07

<http://www.adobe.com/devnet/xmp.html>

#8 - 27 Aug 2016 14:03 - Robin Mills

Yup. I've started to look at that on August 6.

```
575 rmills@rmillsmbp:~/gnu/xmpsdk/XMP-Toolkit-SDK-CC201607 $ ls -alt samples/target/macintosh/intel_64/Release/ReadingXMP
-rwxr-xr-x+ 1 rmills  staff  103668  6 Aug 16:35 samples/target/macintosh/intel_64/Release/ReadingXMP
576 rmills@rmillsmbp:~/gnu/xmpsdk/XMP-Toolkit-SDK-CC201607 $
```

Andreas has said something like **"everything concerning XMPsdk is a big pain in the butt"**. I prefer to tackle difficult stuff early in a project and leave smaller matters to the end. So this is likely to get attention during Fall 2016.

#9 - 14 Jul 2017 17:34 - Robin Mills

- Target version changed from 0.28 to 0.27

#10 - 18 Sep 2018 12:43 - Robin Mills

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

- Estimated time set to 50.00 h

I am delighted to say that this is the head-line new feature of Exiv2 v0.27. It's been a team effort to get here by Ben, Robin and Luis.