

Exiv2 - Support #1169

Validate flag EXV_UNICODE_PATH/msvc2005 builds and passes the test suite

18 Mar 2016 20:24 - Robin Mills

Status:	Closed	Start date:	18 Mar 2016
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	100%
Category:	build	Estimated time:	10.00 hours
Target version:	0.26		
Description			
See: http://dev.exiv2.org/boards/3/topics/2437			
Related issues:			
Related to Exiv2 - Feature #1121: Visual Studio support for v0.27		Closed	24 Sep 2015

Associated revisions

Revision 4235 - 18 Mar 2016 20:31 - Robin Mills

#1169. Fixing issues concerning msvc2005/EXV_UNICODE_PATH

Revision 4282 - 21 Apr 2016 11:26 - Robin Mills

#1169 Fix submitted.

Revision 4283 - 21 Apr 2016 11:30 - Robin Mills

#1169. Correction to r4282. I should not have submitted the change to exv_msvc.h

Revision 4284 - 22 Apr 2016 12:34 - Robin Mills

#1169. Code simplification/clarification.

History

#1 - 21 Apr 2016 11:34 - Robin Mills

- % Done changed from 10 to 80

Mikayel Egibyan raised a topic relating to this: <http://dev.exiv2.org/boards/3/topics/2538>

How does wstring support work for Exiv2::ImageFactory::open()?

I've update samples/exifprint.cpp to respect EXV_UNICODE_PATH. I don't intend to update any other part of the test suite. This is sufficient to verify that EXV_UNICODE_PATH/msvc2005 is working.

```
C:\cygwin64\home\rmills\gnu\exiv2\trunk\msvc2005\bin\Win32\debugdll>dir \squareroot
Volume in drive C has no label.
Volume Serial Number is 0899-EF40
```

Directory of C:\squareroot

```
04/21/2016 12:21 PM <DIR> .
04/21/2016 12:21 PM <DIR> ..
03/02/2015 05:31 PM 6,673,920 √.jpg
1 File(s) 6,673,920 bytes
2 Dir(s) 28,997,189,632 bytes free
```

```
C:\cygwin64\home\rmills\gnu\exiv2\trunk\msvc2005\bin\Win32\debugdll>exifprint
Usage: exifprint file
```

```
C:\cygwin64\home\rmills\gnu\exiv2\trunk\msvc2005\bin\Win32\debugdll>dir exifprint.exe
Volume in drive C has no label.
Volume Serial Number is 0899-EF40
```

Directory of C:\cygwin64\home\rmills\gnu\exiv2\trunk\msvc2005\bin\Win32\debugdll

```
04/21/2016 12:25 PM 61,440 exifprint.exe
1 File(s) 61,440 bytes
0 Dir(s) 28,997,189,632 bytes free
```

```
C:\cygwin64\home\rmills\gnu\exiv2\trunk\msvc2005\bin\Win32\debugdll>exifprint c:\squareroot\√.jpg | grep GPS
Exif.Image.GPSTag          0x8825 Long      1  4060
Exif.GPSInfo.GPSVersionID  0x0000 Byte       4  2 3 0 0
Exif.GPSInfo.GPSLatitudeRef 0x0001 Ascii     2  N
Exif.GPSInfo.GPSLatitude    0x0002 Rational  3  29/1 251835/10000 0/1
Exif.GPSInfo.GPSLongitudeRef 0x0003 Ascii     2  W
Exif.GPSInfo.GPSLongitude   0x0004 Rational  3  98/1 287057/10000 0/1
Exif.GPSInfo.GPSAltitudeRef 0x0005 Byte       1  0
Exif.GPSInfo.GPSAltitude    0x0006 Rational  1  209/1
Exif.GPSInfo.GPSTimeStamp   0x0007 Rational  3  18/1 29/1 5007/100
Exif.GPSInfo.GPSSatellites  0x0008 Ascii     3  06
Exif.GPSInfo.GPSMapDatum    0x0012 Ascii    17  WGS-84
Exif.GPSInfo.GPSDateStamp   0x001d Ascii    11  2015:02:15
```

```
C:\cygwin64\home\rmills\gnu\exiv2\trunk\msvc2005\bin\Win32\debugdll>exifprint --version | grep unicode
have_unicode_path=1
```

```
C:\cygwin64\home\rmills\gnu\exiv2\trunk\msvc2005\bin\Win32\debugdll>
```

#2 - 24 Apr 2016 05:16 - Robin Mills

- *Status changed from Assigned to Closed*

- *% Done changed from 80 to 90*

#3 - 24 Apr 2016 05:26 - Robin Mills

- *% Done changed from 90 to 100*