

## Exiv2 - Support #1169

### Validate flag EXV\_UNICODE\_PATH/msvc2005 builds and passes the test suite

18 Mar 2016 20:24 - Robin Mills

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

#### 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