

Exiv2 - Feature #1243

Improved JPEG 2000 Support

12 Oct 2016 10:26 - Robin Mills

Status:	Closed	Start date:	12 Oct 2016
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	100%
Category:	image format	Estimated time:	20.00 hours
Target version:	0.26		
Description			
See discussion in #1242			
Related issues:			
Related to Exiv2 - Bug #1242: jp2 metadata: Unrecognized UUID EXIF box		Closed	11 Oct 2016

Associated revisions

Revision 4623 - 12 Oct 2016 20:24 - Robin Mills

#1243 Work in progress. Implemented `jp2image::printStructure`. Still to add `iccProfile` support to `jp2image::writeMetadata()`

Revision 4624 - 12 Oct 2016 21:26 - Robin Mills

#1243 Added XMP and IPTC data to `Reagan.jp2`. Corrected `printStructure()` appropriately. Will add `jp2image::writeMetadata()/iccProfile` tomorrow and update tests.

Revision 4625 - 13 Oct 2016 08:54 - Robin Mills

#1243 Work-in-progress. Added `test/data/relax.jp2` which has an embedded ICC profile.

Revision 4626 - 13 Oct 2016 11:03 - Robin Mills

#1243 Work-in-progress. Still to add code to `writeMetadata` for `icc` profiles.

Revision 4627 - 13 Oct 2016 12:00 - Robin Mills

#1243 Work-in-progress.

Revision 4628 - 13 Oct 2016 12:05 - Robin Mills

#1243. Correction to `r4627`

Revision 4631 - 14 Oct 2016 12:44 - Robin Mills

#1243 Work-in-progress on writing ICC profiles. Fixed elusive issue in `exiv2 -pS foo.jp2`

Revision 4632 - 15 Oct 2016 08:51 - Robin Mills

#1243 Work-in-progress on `iccProfile` related code.

Revision 4648 - 21 Oct 2016 16:04 - Robin Mills

#1243 Adding ICC Profile support to `jp2image.cpp`

Revision 4650 - 21 Oct 2016 17:35 - Robin Mills

#1243 Correction to `msvc` build breaker in `r4648`

Revision 4652 - 21 Oct 2016 17:58 - Robin Mills

#1243 Fixing typo/build breaker.

Revision 4654 - 21 Oct 2016 19:20 - Robin Mills

#1243. Fixing compilation warnings from `clang` in `jp2image.cpp`

History

#1 - 12 Oct 2016 13:07 - Robin Mills

- File relax.jp2 added

I attach a file with an embedded ICC profile. File provided by Herb Kauer. Thanks Herb, this will be very useful.

#2 - 12 Oct 2016 20:27 - Robin Mills

- Status changed from New to Assigned
- Assignee set to Robin Mills
- Target version changed from 0.28 to 0.26
- % Done changed from 0 to 50
- Estimated time set to 10.00 h

[r4623](#) Thanks to Herb's file, I've figure out how to decode an ICC profile in a JP2 image. I still have to do add writing iccProfile to jp2image::writemetadata().

#3 - 12 Oct 2016 23:06 - Robin Mills

- % Done changed from 50 to 80

#4 - 15 Oct 2016 10:02 - Robin Mills

- Subject changed from Implement jp2image::printStructure() to Improved JPEG 2000 Support
- % Done changed from 80 to 100
- Estimated time changed from 10.00 h to 20.00 h

Several things have been done:

- 1) Fix issue [#1142](#) (UUID Exif0\0 issue)
- 2) Implement jp2image::printStructure()
- 3) Add support for ICC profiles
- 4) Updated man page
- 5) Updated test suite

#5 - 19 Oct 2016 19:35 - Robin Mills

- % Done changed from 100 to 80

I'm dragging my feet on adding ICC Profile support to jp2image.cpp

#6 - 21 Oct 2016 16:05 - Robin Mills

- % Done changed from 80 to 100

[r4648](#) Adding ICC Profile support to jp2image.cpp

#7 - 21 Oct 2016 16:25 - Robin Mills

- Status changed from Assigned to Closed

Files

relax.jp2	15.9 KB	12 Oct 2016	Robin Mills
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