

Exiv2 - Support #1240

Review API changes from v0.25 to v0.26

04 Oct 2016 18:41 - Robin Mills

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|------------------------|----------------|------------------------|-------------|
| Status: | Closed | Start date: | 04 Oct 2016 |
| Priority: | Normal | Due date: | |
| Assignee: | Andreas Huggel | % Done: | 100% |
| Category: | api | Estimated time: | 1.00 hour |
| Target version: | 0.26 | | |

Description

```
I've used the follow bash to investigate:  $ nm -gj /mmHD/Users/rmills/gnu/exiv2/trunk/src/.libs/libexiv2.14.dylib | while read line;
do c++filt $line ; done | sort | tee ~/temp/v26.txt | wc
1474 4245 81191
$ nm -gj /mbpHD/Users/rmills/gnu/exiv2/v0.25/src/.libs/libexiv2.14.dylib | while read line; do c++filt $line ; done | sort | tee
~/temp/v25.txt | wc
1400 3979 75568
$
```

As you can see, there are 74 more externals in v0.26. Most are the very obvious new APIs such as printStructure, INIReader and WebP, JpegBase and IccProfile support.

```
$ grep -e JpegBase -e printStructure -i -e webp -e INIReader -e IccProfile
~/temp/v26.txt | wc
83 230 5079
$ grep -e JpegBase -e printStructure -i -e webp -e INIReader -e IccProfile ~/temp/v25.txt | wc
35 60 1326
```

This takes care of about 48 differences. There are quite a number of changes to system calls in use. For example `_msync` is no longer used. 6 `pthread_rwlock` APIs are now in use.

The changes all feel reasonable to me. Andreas is entitled to feel otherwise.

I have a proposal to discuss with Andreas about to standardising the API in v0.27 so that it will never change. I'll discuss this when we meet in KL. If we implement my proposal and discover no API changes for v0.28, we may be able rename v0.28 as v1.0.

Related issues:

Related to Exiv2 - Feature # 1120: Deprecating outdated and/or undesired API's

Closed

23 Sep 2015

Associated revisions

Revision 4642 - 18 Oct 2016 16:07 - Robin Mills

#1240 Strengthened test/http-test.

History

#1 - 24 Apr 2017 08:15 - Robin Mills

- Status changed from Assigned to Closed

#2 - 24 Apr 2017 08:16 - Robin Mills

- % Done changed from 0 to 100

- Estimated time set to 1.00