

Exiv2 - Feature #579

Implement memory mapping for Windows platforms

11 Nov 2008 19:28 - Andreas Huggel

Status: Closed	Start date:
Priority: Normal	Due date:
Assignee: Robin Mills	% Done: 100%
Category: miscellaneous	Estimated time: 0.00 hour
Target version: 0.19	
Description	
On Windows, there should be equivalent functions for mmap() and munmap() which can be used to implement memory mapping also for Windows in Exiv2::Filelo (basicio.cpp).	
Additional information:	
Memory mapping for UNIX-like systems was introduced with #475	
Related issues:	
Related to Exiv2 - Feature # 475: Performance: Don't read TIFF-based files co...	Closed
Related to Exiv2 - Bug # 634: Locking error on windows when updating a TIFF f...	Closed 17 May 2009

Associated revisions

Revision 1797 - 16 May 2009 20:37 - Robin Mills

#579: Implement Memory Mapping for Windows Platforms

This improves the performance of exiv2.exe on TIFF files about 5x

The MSVC branch adds mmap.cpp and mman.h - borrowed and slightly touched from KDE

- the contribution of KDE is acknowledged and respected (and changes documented)
- exv_msvc.h modified to support MM
- added support files include/sys to enable compilation on MSVC

Revision 1832 - 19 Jun 2009 21:26 - Andreas Huggel

Removed r1799, r1797 from trunk (#634, #579)

Revision 1967 - 27 Dec 2009 01:56 - Andreas Huggel

#579: Implemented mmap for Windows directly in Filelo and made that class use the Pimpl idiom (#510) to de-clutter the interface. Unrelated: Added EXV_MIN/MAX macros, allow iconv config in commercial version.

History

#1 - 17 Dec 2008 09:35 - Andreas Huggel

- Target version set to 1.0

#2 - 25 Jun 2009 08:38 - Andreas Huggel

- Target version changed from 1.0 to 0.19

#3 - 27 Dec 2009 16:44 - Andreas Huggel

- Status changed from *Assigned* to *Resolved*

- % Done changed from 0 to 100

#4 - 30 Dec 2009 07:50 - Andreas Huggel

- Status changed from *Resolved* to *Closed*