

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 com...		Closed	
Related to Exiv2 - Bug #634: Locking error on windows when updating a TIFF fi...		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