

Exiv2 - Feature #523

C++ symbol visibility support for gcc builds

24 Jul 2007 20:12 - Andreas Huggel

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Andreas Huggel	% Done:	100%
Category:	miscellaneous	Estimated time:	0.00 hour
Target version:	0.18		
Description			
Promises interesting benefits:			
+ Improved compatibility with other libraries using this feature (KDE) w/ respect to exceptions			
+ Smaller binary size			
+ Better ABI versioning control			
+ Starting point for a Windows DLL			
- Requires code re-org to keep the published API in sync, i.e., not include internal (non-visible) classes, functions and variables in the installed header files.			
References:			
gcc options -fvisibility=hidden and -fvisibility-inlines-hidden (since gcc 4.0)			
http://gcc.gnu.org/wiki/Visibility			
http://people.redhat.com/drepper/dsohowto.pdf			
Related issues:			
Related to Exiv2 - Feature #510: Use pimpl idiom where applicable		Closed	
Related to Exiv2 - Bug #524: Publish only API objects in the installed header...		Closed	
Related to Exiv2 - Bug #627: typeld methods not available, -fvisibility-inlin...		Closed	17 Apr 2009

History

#1 - 06 Sep 2008 08:43 - Andreas Huggel

[r1571](#)

#2 - 17 Dec 2008 09:11 - Andreas Huggel

- % Done changed from 0 to 100

#3 - 18 Dec 2008 18:29 - Andreas Huggel

- Status changed from Resolved to Closed