

Exiv2 - Bug #524

Publish only API objects in the installed header files

26 Jul 2007 22:55 - Andreas Huggel

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Andreas Huggel	% Done:	100%
Category:	design	Estimated time:	0.00 hour
Target version:	0.18		
Description			
It is a basic rule of library design that classes, functions and variables which are only used internally and are not considered part of the library's API should not be present in the installed header files.			
They should be moved to new include files, which are not installed.			
Consider introducing a new namespace too, e.g., a nested namespace Exiv2::Internal for these objects. Exiv2 cpp files can always start with a 'using namespace Exiv2::Internal' for convenience.			
Related issues:			
Related to Exiv2 - Feature #523: C++ symbol visibility support for gcc builds		Closed	
Related to Exiv2 - Feature #510: Use pimpl idiom where applicable		Closed	

History

#1 - 18 Aug 2008 23:03 - Gilles Caulier

Andreas,

We need to use a private internal class to improve binary compatibility everywhere. I use this way everywhere in my code (digikam, kipi-plugins and all shared libs relevant)

Other advantage is to have a code which compiles faster during a less of header included everywhere.

If you need help with this task, let's me hear.

Gilles Caulier

#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