

Exiv2 - Feature #405

Separate metadata parsing from metadata storage

05 Dec 2004 11:56 - Brad Schick

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

To make the design of exiv2 more modular, the parsing of metadata from block of memory should be made distinct components separate from the metadata containers. This will allow for the reuse of both metadata containers with different metadata encodings and metadata parsers with different image types.

Additional information:

The potential of this design is somewhat limited by the needs of both performance and "non-intrusive" exif writes. To provide non-intrusive exif writes and better performance, the metadata storage classes will probably need to carry around some parser specific data.

History

#1 - 25 Jun 2008 08:10 - Andreas Huggel

Metadata parsing is now consistently implemented in a number of Parser classes with static encode and decode methods (TiffParser, ExifParser, IptcParser, XmpParser, etc.) Metadata containers carry no information about the binary representation and don't do any parsing anymore.

#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