

## Exiv2 - Feature #476

### Error handler: Applications should be able to register an error handler

25 Jun 2006 07:24 - Andreas Huggel

<b>Status:</b> Closed	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 100%
<b>Category:</b> design	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 0.21	
<b>Description</b> Allow applications to register a callback function which is used to process warnings and errors from the library.	
<b>Related issues:</b> Related to Exiv2 - Feature #614: silence warnings from code <span style="float: right;"><b>Closed</b>    <b>29 Jan 2009</b></span>	

#### Associated revisions

##### Revision 2344 - 10 Sep 2010 07:02 - Andreas Huggel

#476, #614: Introduced class LogMsg for enhanced logging, migrated all existing warnings and error messages (not the exceptions) to use the new logic. Every log message now has a type (debug, info, warning, error). Applications can set a logging level to determine which messages are processed and supply a custom log message handler at runtime. (Based on a contribution by Simson Garfinkel.)

##### Revision 2415 - 28 Dec 2010 15:36 - Andreas Huggel

#476, #614: Simplified LogMsg. It's not quite as elegant as before anymore but should be much more portable and more efficient. (MSVC 7.1 didn't like the original implementation.)

#### History

##### #1 - 26 Jul 2010 18:35 - Andreas Huggel

Related comments: <http://dev.exiv2.org/boards/3/topics/569>

##### #2 - 10 Sep 2010 07:07 - Andreas Huggel

- Status changed from New to Resolved
- Target version set to 0.21
- % Done changed from 0 to 100

Applications can provide their own log message handler now. See the new class Exiv2::LogMsg (error.hpp) for details

```
void newHandler(int lvl, const char* msg)
{
    printf("The message is: %s (level %d)\n", msg, lvl);
}
```

```
Exiv2::LogMsg::setHandler(newHandler);
```

##### #3 - 22 Nov 2010 18:31 - Andreas Huggel

- Status changed from Resolved to Closed