

Exiv2 - Feature #457

Keys should be names rather than strings

28 Mar 2006 08:25 - Andreas Huggel

Status: New	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category: design	Estimated time: 0.00 hour
Target version: 1.0	

Description

Metadata keys are defined using a `std::string`, eg.

```
ExifKey key("Exif.Photo.UserComment");
```

This method has a number of backdraws:

- The compiler doesn't know the string, no compile-time check is possible, eg, to catch typos
- Editors cannot help with auto-completion of the key string
- The strings use more memory than necessary

A better implementation would be to have a name (constant variable) for each tag, which the compiler could check and editors could auto-complete.

The information that is required for each tag is: metadata type, group, tag number, ie, 3 small integers

History

#1 - 17 Dec 2008 09:32 - Andreas Huggel

- Target version set to 1.0