QGIS Application - Feature request #6964
QgsMessageLog, write to file

2013-01-08 05:37 AM - Matthias Kuhn

Status:	Open		
Priority:	Normal		
Assignee:			
Category:	Unknown		
Pull Request or Patch supplied:	No	**Resolution:**	
Easy fix?:	No	**Copied to github as #:**	16074

Description

To be really useful, QgsMessageLog should include a possibility to write the log messages to a file.

Per default, only log level Error (and higher, is there higher?) should be written to the log file.
The debug console should receive Warning and higher per default.

It should be possible to configure both to receive other message levels.

Maybe it would be nice to integrate with syslog, journald etc. although this is not considered priority.

History

#1 - 2013-01-09 12:20 AM - Marco Hugentobler

Writing message logs to file would be nice for QGIS server too (better error reporting if e.g. a layer cannot be loaded).

#2 - 2013-01-09 01:27 AM - Jürgen Fischer

Marco Hugentobler wrote:

> *Writing message logs to file would be nice for QGIS server too (better error reporting if e.g. a layer cannot be loaded).*

QgsMessageLog should already be prepared to do that. QgisApp registers the log viewer to handle the log in the gui, otherwise it would go to the console and that's probably also where the messages from mapserver go - if that's not enough you could implement a new class for mapserver. There it would make sense to include support for syslog. For the desktop case that doesn't make much sense - IMHO.

#3 - 2013-01-09 01:35 AM - Jürgen Fischer

There currently is only one used warning level - you can use other levels, but when I introduces the message log, I didn't bother to classify each and every message ported to the log. And meanwhile no one else did either ;)

#4 - 2013-01-09 04:19 AM - Matthias Kuhn

I just noticed the class QgsLogger (implmented by Marco) which seems to do some kind of file logging already.
Is it possible to remove one of them?
Without having a closer look at QgsLogger I'd say that QgsMessageLog seems to be more modular and should be able to replace QgsLogger once file logging backend is included.

#5 - 2013-01-09 04:22 AM - Jürgen Fischer

Matthias Kuhn wrote:

> I just noticed the class QgsLogger (implmented by Marco) which seems to do some kind of file logging already.
> Is it possible to remove one of them?
> Without having a closer look at QgsLogger I'd say that QgsMessageLog seems to be more modular and should be able to replace QgsLogger once
> file logging backend is included.

QgsLogger is used for debugging output.

#6 - 2013-01-09 04:27 AM - Jürgen Fischer

Jürgen Fischer wrote:

> QgsLogger is used for debugging output.

And there's also QgsError/QgsErrorMessage

#7 - 2017-05-01 12:48 AM - Giovanni Manghi
- Easy fix? set to No

#8 - 2017-09-22 10:06 AM - Jürgen Fischer
- Category set to Unknown