

Glog should delete old log files automatically #423

New issue



Closed

DinoStray opened this issue on 27 Jan 2019 · 8 comments



DinoStray commented on 27 Jan 2019

For example, I wanna keep log files for only 7 days.
Then the glog should delete all the log files which last modify time before 7 days.

Assignees

No one assigned

Labels

done

enhancement

Projects

None yet

Milestone

No milestone

Linked pull requests

Successfully merging a pull request may close this issue.

None yet



aesophor commented on 7 Feb 2019

Contributor

I think a cron job can do it

This deletes the logs produced by glog under /tmp that are last modified 7 days ago.

```
$ find /tmp -name 'YourProjectName.*' -mtime +7 -delete
```

Then \$ crontab -e and add this line to run it daily at 00:00 AM

```
0 0 * * * find /tmp -name 'YourProjectName.*' -mtime +7 -delete
```



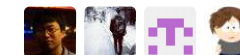
sergiud added enhancement help wanted labels on 8 Feb 2019



DinoStray commented on 16 Feb 2019

Author

4 participants



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```

But If I use docker or k8s, there is no crontab.
Clean old logs should done by the glog itself



aesophor mentioned this issue on 18 Feb 2019

Add support for automatic removal of old logs #432

Merged



aesophor commented on 18 Feb 2019 • edited ▼

Contributor

@DinoStray I've written the code to automatically remove old logs, but they are not yet integrated into the original codebase.

@sergiud I'm not sure when to call it. Calling it at the end of `LogFileObject::FlushUnlocked()` seems really unwise, since that scans for old logs too frequently. Could you please help me with this? Thank you!



lettrthong commented on 28 Feb 2019 • edited ▼

I read your code but Raspberry doesn't have real time clock so can not get correct timestamp.
Please check the case



letrthong commented on 29 Mar 2019

i wrote code to limit maximum size of all files about 3M which is running on raspberry pi.



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aesophor commented on 22 Aug 2019 • edited ▼

Contributor

@DinoStray I tried to implement this and it works on my linux box! 😊 (gentoo-4.19.66) But I haven't tested it on Windows, I'll do it once I have spare time.

Edit: Now it works on both linux and windows.

Simply add this to your project to enable **log cleaner**, it is disabled by default. Once enabled, it will automatically remove old logs that are last modified over 3 days. Only the logs produced by the project which glog is linked in will be removed, logs from other projects won't be touched.

```
google::EnableLogCleaner(3);
```

You can also disable it at anytime by calling

```
google::DisableLogCleaner();
```

Please see here for technical details.

[#432 \(comment\)](#)



aesophor commented on 22 Aug 2019 • edited ▼

Contributor

I read your code but Raspberry doesn't have real time clock so can not get correct timestamp. Please check the case

So there's no way get the timestamp for a file on Raspberry pi? I'll try to see if I there are other ways.

Edit: Sorry, I mean get current time, not file's timestamp.




aesophor commented on 5 Nov 2019

Contributor

@DinoStray I think you could close this now

🏷️  **sergiud** added done and removed help wanted labels on 5 Nov 2019

 **sergiud** closed this on 5 Nov 2019
