Redmine - Defect #6135

Default logger configuration grows without bound.

2010-08-13 13:55 - T. Hauptman

Status:	Closed		**Start date:**	2010-06-17
Priority:	Normal		**Due date:**	
Assignee:	Eric Davis		**% Done:**	100%
Category:	Documentation		**Estimated time:**	0.00 hour
Target version:	1.0.2			
Resolution:	Fixed		**Affected version:**	

Description
A naive installation of redmine (following the install instructions) leaves logfiles in an unexpected place, growing without limit. This can cause problems for the system admin.
A solution was proposed in Defect #5706 but not accepted.
Another solution is given in http://www.redmine.org/boards/2/topics/11836 which seems to not conflict with the issues in #5706.
Consider adding a line to $REDMINE_ROOT/config/environments/production.rb config.logger = Logger.new(config.log_path, 2, 1048576)
This maintains the :info useful for debugging but limits the impact of the logfile on the system.
Those developing redmine can choose an appropriate logfile max-size. Any finite size is fine but consider using the smallest reasonable size to be kind to webappliance installations...

Related issues:		
Related to Redmine - Defect #5706: Default config.log_level is too verbose fo...	**Closed**	**2010-06-17**

Associated revisions

Revision 4096 - 2010-09-17 06:31 - Eric Davis

Added some documentation about the Rails Logger. #6135

Contributed by Felix Schäfer

Revision 4182 - 2010-09-26 18:54 - Eric Davis

Add documentation about setting the log level. #6135

History

#1 - 2010-08-13 14:18 - Felix Schäfer

Mmh, I thought the docs had been updated to reflect that… IIRC the rationale for not including what you propose is that we don't want to impose any rotation scheme on anyone, everyone potentially having different requirements. The other point was that you should already have some kind of logrotate installed and should configure it for that.

I think you could also add a new logger configuration in the config/additional_environment.rb instead of the other file, thus you'd have it local only and wouldn't be affected by updates.

Anyway, could you update the installation guides to make a note where the logs are and that they might grow rapidly depending on usage and should be taken into a logrotate or whatever?

#2 - 2010-08-13 16:26 - T. Hauptman

- Status changed from New to Resolved

Personally I think that defaulting a configuration that is sane, even if it's nerf, is better in the long run. Power admins can always tweak it to match their optimized system. The rest of us want to install as quickly as possible with the least amount of reading and just have it work...

Regardless I've added a note to the installation page. I don't have time to do a patch for additional_environment.rb.example... Would you be able to add that line?

Cheers

#3 - 2010-08-13 17:05 - Felix Schäfer

T. Hauptman wrote:

> Personally I think that defaulting a configuration that is sane, even if it's nerf, is better in the long run. Power admins can always tweak it to match their optimized system. The rest of us want to install as quickly as possible with the least amount of reading and just have it work...

I believe that's been discussed already, I too was in favor of a default rotation, but the arguments against it won.

> Regardless I've added a note to the installation page. I don't have time to do a patch for additional_environment.rb.example... Would you be able to add that line?

Very good, thanks a lot. I'll see if the file is one we modify in some way or if it's shipped vanilla from rails, if the later's the case I think we'll keep it from upstream.

#4 - 2010-08-13 17:06 - Felix Schäfer

- Category set to Documentation

- Assignee set to Felix Schäfer

#5 - 2010-08-19 03:38 - Eric Davis

Felix,

If you can get me a working config for additional_configuration.rb, I can document it in there as an example too.

For anyone that needs it, this is the log rotation setup I run in production:

```
/home/websites/projects.littlestreamsoftware.com/shared/log/*.log {

  daily

  missingok

  compress

  delaycompress

  sharedscripts

  postrotate
    touch /home/websites/projects.littlestreamsoftware.com/current/tmp/restart.txt
  endscript
}
```

#6 - 2010-08-25 15:07 - Felix Schäfer

The OP had already edited the wiki-page [RedmineInstall](#), my config in additional_environment.rb is:

```
# Use the log-rotation from logger
config.logger = Logger.new(config.log_path, 7, 1048576)
config.logger.level = Logger::INFO
```

#7 - 2010-09-15 23:47 - Felix Schäfer

- Status changed from Resolved to New

- Assignee deleted (Felix Schäfer)

Eric: This one's lingering in my list, the documentation for config/environments/production.rb would be:

```
# Rotate logs bigger than 1MB, keeps no more than 7 rotated logs around.
#config.logger = Logger.new(config.log_path, 7, 1048576)
```

More info about Logger here: http://ruby-doc.org/core/classes/Logger.html.

#8 - 2010-09-16 00:18 - Eric Davis

- Assignee set to Eric Davis

#9 - 2010-09-17 06:27 - Eric Davis

- Status changed from New to Resolved

- Target version set to 1.0.2

- Resolution set to Fixed

Updated the documentation in [r4096](#). Thanks Felix.

#10 - 2010-09-20 05:51 - Eric Davis

- Status changed from Resolved to Closed

Merged into 1.0-stable for release in 1.0.2

#11 - 2010-09-24 13:17 - Wicola Lation

Felix Schäfer wrote:

> The OP had already edited the wiki-page [RedmineInstall](#), my config in additional_environment.rb is:

```
1 # Use the log-rotation from logger
2 config.logger = Logger.new(config.log_path, 7, 1048576)
3 config.logger.level = Logger::INFO
```

The wiki-page [RedmineInstall](#) has to be updated with the 'config.logger.level' line as well. This is important, because otherwise the log level defaults back to :DEBUG.

See http://www.redmine.org/boards/2/topics/11836.

#12 - 2010-09-24 13:23 - Felix Schäfer

- Status changed from Closed to Reopened

Eric: The loglevel seems to get cleared when you specifiy a new logger, or the new logger doesn't get passed what is already configured for the default logger. Either way, could you add a corresponding note to the config/environments/production.rb? Thanks.

#13 - 2010-09-26 18:50 - Eric Davis

- Status changed from Reopened to Resolved

- % Done changed from 0 to 100

Thanks, I added some documentation about the log level in [r4182](#)

#14 - 2010-09-27 00:21 - Eric Davis

- Status changed from Resolved to Closed

Merged into 1.0-stable

#15 - 2014-06-09 02:04 - Toshi MARUYAMA

- Related to Defect #5706: Default config.log_level is too verbose for production added