Redmine - Defect #35539

Race condition (possible filename collision) in Attachment.disk_filename

2021-07-07 07:25 - Jens Krämer

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Attachments	Estimated time:	0.00 hour
Target version:	5.0.0		
Affected version:			
Description			
		esulting in data loss if the files actu to that issue and hence got "lost")	ppen that two or more of the resulting ally differ in content. This was already
previously mentioned The problem is that	d in <u>#34479-2</u> (but was unrelated Attachment.disk_filename finds a	to that issue and hence got "lost") non-existant filename, but fails to "	
previously mentioned The problem is that a doing so. So nothing creates the file. This patch, extracted 'filename taken alrea	d in <u>#34479-2</u> (but was unrelated Attachment.disk_filename finds a stops a parallel process to end u d from <u>Planio</u> , instead tries to crea	to that issue and hence got "lost") non-existant filename, but fails to " p using the same name if it tries to ate a file directly, with the File::EXC	ally differ in content. This was already claim" this name in the file system while
previously mentioned The problem is that <i>i</i> doing so. So nothing creates the file. This patch, extracted 'filename taken alrea system.	d in <u>#34479-2</u> (but was unrelated Attachment.disk_filename finds a stops a parallel process to end u d from <u>Planio</u> , instead tries to crea	to that issue and hence got "lost") non-existant filename, but fails to " p using the same name if it tries to ate a file directly, with the File::EXC	ally differ in content. This was already 'claim" this name in the file system while do so before the first process actually CL flag set, catches the error which means
previously mentioned The problem is that <i>i</i> doing so. So nothing creates the file. This patch, extracted 'filename taken alrea system. Related issues:	d in <u>#34479-2</u> (but was unrelated Attachment.disk_filename finds a stops a parallel process to end u d from <u>Planio</u> , instead tries to crea	to that issue and hence got "lost") non-existant filename, but fails to " p using the same name if it tries to ate a file directly, with the File::EXC ated. This way, filenames are guara	ally differ in content. This was already 'claim" this name in the file system while do so before the first process actually CL flag set, catches the error which means

Associated revisions

Revision 21071 - 2021-07-19 15:27 - Go MAEDA

Ensure unique attachment filenames (#35539).

Patch by Jens Krämer.

Revision 21193 - 2021-08-18 04:34 - Go MAEDA

Fix that binmode specified twice (#35539, #35720).

Patch by Pavel Rosický.

Revision 21194 - 2021-08-18 04:47 - Go MAEDA

Don't unlink files before closing them (#35539, #35721).

Patch by Pavel Rosický.

History

#1 - 2021-07-09 04:00 - Go MAEDA

- Target version set to Candidate for next major release

#2 - 2021-07-11 04:05 - Go MAEDA

- Target version changed from Candidate for next major release to 5.0.0

Setting the target version to 5.0.0.

#3 - 2021-07-19 15:28 - Go MAEDA

- Status changed from New to Closed

- Assignee set to Go MAEDA

Committed the patch. Thank you.

#4 - 2021-08-08 03:44 - Go MAEDA

- Related to Patch #35720: Defect: Binmode specified twice added

#5 - 2021-08-08 03:47 - Go MAEDA

- Related to Patch #35721: Unlink files after they're closed added

#6 - 2021-08-08 03:52 - Go MAEDA

- Status changed from Closed to Reopened

Reopening this issue in order to handle <u>#35720</u> and <u>#35721</u>.

#7 - 2021-08-18 04:51 - Go MAEDA

- Status changed from Reopened to Closed

Go MAEDA wrote:

Reopening this issue in order to handle <u>#35720</u> and <u>#35721</u>.

Committed the fixes in r21193 and r21194.

#8 - 2022-03-27 04:57 - Go MAEDA

- Tracker changed from Patch to Defect

Files

0001-ensure-unique-attachment-filenames.patch

4.78 KB

2021-07-07

Jens Krämer