Redmine - Patch #25115

Support upload of empty files and fix invalid API response

2017-02-17 15:25 - Jens Krämer

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Jean-Philippe Lang		**% Done:**	0%
Category:	Attachments		**Estimated time:**	0.00 hour
Target version:	3.3.3			

Description

When Uploading an empty file through the REST API (POST to /uploads.json), the response is 201 Created, and an invalid token (which that does not resolve to an attachment through Attachment.find_by_token because it lacks the digest component) is returned. However an attachment record is still saved, but without a corresponding file in the file system.

When looking into this I found that the easiest fix for this would be to change the two conditionals in attachment.rb that prevent an empty file from being treated like any non-empty file. I don't see any technical reason to not allow the uploading of empty files, and my change doesn't seem to cause any of the existing tests to fail.

Attached is a patch which does that, including a test case illustrating the inconsistent API behavior I described above.

Related issues:

Related to Redmine - Defect #5969: Attachments with size zero are ignored	**Closed**	**2010-07-27**

Associated revisions

Revision 16341 - 2017-02-28 19:05 - Jean-Philippe Lang

Fixes uploading of empty files (#25115).

- prevents creation of attachment records without existing diskfile and empty digest
- adds test case to check file upload API response
- also removes the file size check in ActsAsAttachable which still prevented attachment of zero size attachments to containers but only for clients without Javascript (where save_attachments is called with the actual file upload).

Patch by Jens Kraemer.

Revision 16342 - 2017-02-28 21:00 - Jean-Philippe Lang

Merged r16341 (#25115).

History

#1 - 2017-02-18 03:15 - Go MAEDA

- Related to Defect #5969: Attachments with size zero are ignored added

#2 - 2017-02-18 03:19 - Go MAEDA

- Target version set to 3.3.3

This patch also fixes the issue reported as [#5969](#5969).

#3 - 2017-02-19 08:03 - Jens Krämer

- File 0001-fixes-uploading-of-empty-files-v2.patch added

Here's an extended version of the patch. This one also removes the file size check in acts_as_attachable which prevented empty attachment creation for http uploads without javascript (in all other cases this part of the code isn't relevant since save_attachments is called with just the tokens of already saved attachments).

This patch replaces the original one.

#4 - 2017-02-28 19:05 - Jean-Philippe Lang

- Subject changed from support upload of empty files and fix invalid API response to Support upload of empty files and fix invalid API response

- Status changed from New to Resolved

- Assignee set to Jean-Philippe Lang

Patch committed, thanks.

#5 - 2017-02-28 21:00 - Jean-Philippe Lang

- Status changed from Resolved to Closed

Files

0001-fixes-uploading-of-empty-files.patch	2.65 KB	2017-02-17	Jens Krämer
0001-fixes-uploading-of-empty-files-v2.patch	3.61 KB	2017-02-19	Jens Krämer