

## Redmine - Defect #5969

### Attachments with size zero are ignored

2010-07-27 06:29 - Yuriy Vidineev

<b>Status:</b>	Closed	<b>Start date:</b>	2010-07-27
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Attachments	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		

#### Description

How to reproduce:

- create file with zero size (for example, in Linux: touch redmine\_test\_file.txt)
- try to add this file to existing issue

Results: Issue has not any uploaded file

I have Redmine 1.0.0 on Debian Lenny with mongrel and MySQL 5.0

Ruby version 1.8.7 (x86\_64-linux)  
RubyGems version 1.3.4  
Rack version 1.0  
Rails version 2.3.5  
Active Record version 2.3.5  
Active Resource version 2.3.5  
Action Mailer version 2.3.5  
Active Support version 2.3.5  
Application root /var/www/redmine-1.0.0  
Database adapter mysql  
Database schema version 20100705164950

About your Redmine plugins

Redmine Graphs plugin 0.1.0  
Simple CI 1.0  
Redmine Charts 0.1.0  
Scrumdashboard plugin 1.2  
Mylyn Connector plugin 2.6.4.trunk.423

In production.log i can see this:

Processing IssuesController#update (for X.X.X.X at 2010-07-27 08:05:14) [PUT]

```
Parameters: {"time_entry"=>{"comments"=>""}, "activity_id"=>"", "hours"=>""}, "commit"=>"Принять", "notes"=>""  
"action"=>"update", "_method"=>"put", "authenticity_token"=>"Kieyq  
oJZuBzxsZldQfF/7ijY4Dj4U4EWWdss06SHiSo=", "id"=>"10758", "issue"=>{"start_date"=>"2010-07-26",  
"custom_field_values"=>{"8"=>"2010-07-27"}, "estimated_hours"=>""}, "priority_id"=>"6  
", "parent_issue_id"=>""}, "lock_version"=>"8", "fixed_version_id"=>""}, "done_ratio"=>"0", "assigned_to_id"=>"8", "subject"=>"Test Task  
", "category_id"=>"126", "tracker_id"=>"14", "due_date"=>""}, "status_id"=>"2", "description"=>"Test Test"}, "controller"=>"issues",  
"attachments"=>{"1"=>{"file"=>#<File:/tmp/RackMultipart20100727-28985-10uv9f-0>, "description"=>"test file"}}
```

Redirected to <http://prj.slweb.ru/issues/10758>

Completed in 340ms (DB: 48) | 302 Found [<http://prj.slweb.ru/issues/10758/edit>]

If i do:

echo 1 > redmine\_test\_file.txt  
then this file can be added successfully.

P.S. Sorry for my English  
Thank you!

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**Related issues:**

Related to Redmine - Patch # 23718: do not ignore zero byte attachments	<b>Closed</b>
Related to Redmine - Patch # 25115: Support upload of empty files and fix inv...	<b>Closed</b>
Duplicated by Redmine - Defect # 10312: Can not attach empty files.	<b>Closed</b>

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**History****#1 - 2010-07-27 09:46 - Felix Schäfer**

If this updates adds an empty file, I can't reproduce the issue.

**#2 - 2010-07-27 09:48 - Felix Schäfer**

- *Subject changed from Could not upload file with zero size into existing issue to Attachments with size zero are ignored*
- *Category set to Attachments*
- *Affected version (unused) set to devel*

Ok, my precedent note should have included an empty attachment, so I can reproduce this issue.

**#3 - 2010-07-27 13:26 - Holger Just**

This is because of source:trunk/app/models/attachment.rb#L147

Attachments with size zero are explicitly ignored.

**#4 - 2010-07-27 13:44 - Felix Schäfer**

Any reason for not uploading null-sized attachments, or on the other hand any reason for wanting to upload null-sized files?

**#5 - 2010-08-06 08:03 - Yuriy Vidineev**

We want to upload google verification files - files with special name and zero size

**#6 - 2010-08-06 08:39 - Felix Schäfer**

IIRC google verification files have to live in the root of the URI you want to verify, for that you'd need to put the file in redmine\_dir/public/.

**#7 - 2010-08-06 08:47 - Yuriy Vidineev**

I may not correctly put. I don't want to verify my Redmine. I want to verify my another website and add google verification file to task in Redmine. But i can't add this file to task because it has zero size.

P.S. Sorry for my English

**#8 - 2010-08-06 09:14 - Felix Schäfer**

Well, you could just save the filename in a wiki or wherever, and I think google retains means to download the files even long after they have been activated ;-)

Anyway, Holger, do you see any reason to not allow zero-sized files?

**#9 - 2010-08-06 10:28 - Holger Just**

I still do not see the point why you would want that. Also, the file you downloaded from google is not a zero byte file. It at least contains the code that is also present in the filename.

But I see no technical reasons why a zero byte file would not be possible, apart from possibly obscure browser bugs of course. Also, I just traced the code back to the initial revision, so we can also safely fall back to "we always did it that way" :) See  
source:trunk/redmine/app/controllers/documents\_controller.rb@4#L46

**#10 - 2013-01-15 10:30 - Daniel Felix**

- Status changed from New to Needs feedback

Any news on this? Should this be corrected or is this excluded by design?

**#11 - 2013-01-15 22:17 - Jean-Philippe Lang**

- Status changed from Needs feedback to Confirmed

I mark this as confirmed as there's no good reason to ignore empty files.

**#12 - 2015-04-06 16:12 - Go MAEDA**

- Duplicated by Defect #10312: Can not attach empty files. added

**#13 - 2015-04-15 17:46 - Stephen Ostrow**

Felix Schäfer wrote:

| Any reason for not uploading null-sized attachments, or on the other hand any reason for wanting to upload null-sized files?

Figured I would add another use-case as an example and why I went looking to see if this bug was already filed. Over the past month or so I've been uploading 4 files when running an operation.

1. before.txt
2. operation.log
3. after.txt
4. result.diff

Where result.diff is a diff of the before.txt and the after.txt files. When there is no difference then the .diff file is empty (0b) and although I still want it uploaded to show that fact, redmine is silently ignoring the upload.

I personally would like for redmine to upload 0b files since I can't think of a good reason for it not to. But more so I would say it is a bug that it silently ignores the 0b file after showing you that it has been added to the issue.

**#14 - 2016-08-30 14:24 - Jens Krämer**

Submitted a patch that fixes this in #23718

**#15 - 2016-08-31 03:23 - Jens Krämer**

- *File 0001-allow-upload-of-zero-byte-files-as-attachments.patch added*

attaching the patch here as requested :)

**#16 - 2016-08-31 09:26 - Jan from Planio www.plan.io**

- *Related to Patch #23718: do not ignore zero byte attachments added*

**#17 - 2016-08-31 09:28 - Jan from Planio www.plan.io**

- *Target version set to Candidate for next minor release*

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

- *Related to Patch #25115: Support upload of empty files and fix invalid API response added*

**#19 - 2017-03-01 01:15 - Go MAEDA**

- *Status changed from Confirmed to Closed*

- *Target version deleted (Candidate for next minor release)*

- *Resolution set to Fixed*

Fixed by #25115 for 3.3.3 and 3.4.0.

**Files**

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0001-allow-upload-of-zero-byte-files-as-attachments.patch	2.92 KB	2016-08-31	Jens Krämer
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