

Redmine - Defect #11568

Uploaded file name gets mangled when it contains a +

2012-08-02 06:53 - Olivier Mehani

Status: Confirmed	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category: Attachments	Estimated time: 0.00 hour
Target version: Candidate for next minor release	Affected version:
Resolution:	
Description	
<p>When uploading a file which names contains a "+", that character gets silently replaced by a space. I suppose this has to do with the parsing of the QUERY_STRING, but it is annoying there as the + should remain verbatim in the name of the file offered for download through Redmine.</p> <p>Steps to reproduce:</p> <ol style="list-style-type: none">1. Create a file with a '+' in its name (say, "a+b");2. Upload it in the files section of a Redmine project3. The file appears as "a b", and the download link leads to ".../a%20b" <p>While the file downloads correctly, it is inconvenient to have one's file renamed without control.</p>	

History

#1 - 2012-08-02 06:54 - Olivier Mehani

- File a+b added

#2 - 2012-08-02 06:55 - Olivier Mehani

Right, my experiment shows that I am not up to date. Is this a known bug that has already been addressed? I couldn't find it in the issues.

#3 - 2012-08-02 13:32 - Etienne Massip

- Category set to Attachments

- Status changed from New to Confirmed

- Target version set to Candidate for next minor release

Redmine.org is not running the latest version but [demo](#) is.

And indeed, it happens with trunk.

#4 - 2012-08-14 10:16 - Jean-Philippe Lang

Seems to be a Rails issue. The + is already replaced with a space in the original_filename found in attachment params:

```
"attachments"=>{"1"=>{"file"=>#<ActionDispatch::Http::UploadedFile:0x4c11fa8 @original_filename="test plus.txt",
@content_type="text/plain", @headers="Content-Disposition: form-data; name=\"attachments[1][file]\"";
filename=\"test+plus.txt\"\\r\\nContent-Type: text/plain\\r\\n\", @tempfile=#<File:xxx/RackMultipart20120814-2236-ogyxbd>>, "description"=>""}}
```

#5 - 2013-05-05 20:23 - Jean-Baptiste Barth

It works now fine on 2.3.1 and trunk, but confirmed broken on 2.2.4 and 2.1.6.

Relevant log on a fresh install:

```
redmine-2.2.4/log/development.log: Parameters: [...] "attachments"=>{"1"=>{"file"=>#<ActionDispatch::Http::UploadedFile:0x007fcb8a55e5d0
@original_filename="a b.txt", @content_type="text/plain", @headers="Content-Disposition: form-data; name=\"attachments[1][file]\";
filename=\"a+b.txt\"\\r\\nContent-Type: text/plain\\r\\n", @tempfile=#<File:/var/folders/2d/ym9f6qbd61x6_xxc51f17wq40000gn/T/
RackMultipart20130505-96276-1v561qz>>, "description"=>""}, [...]
```

```
redmine-2.3.1/log/development.log: Parameters: [...] "attachments"=>{"1"=>{"filename"=>"a+b.txt", "description"=>""},
"token"=>"1.0d599f0ec05c3bda8c3b8a68c32a1b47"} [...]
```

The fix is probably related to r10977 ?

Now that it works I think we need to add some tests to ensure it won't break again.

#6 - 2015-03-06 10:49 - Go MAEDA

Olivier Mehani wrote:

Steps to reproduce:

1. Create a file with a '+' in its name (say, "a+b");
2. Upload it in the files section of a Redmine project
3. The file appears as "a b", and the download link leads to ".../a%20b"

While the file downloads correctly, it is inconvenient to have one's file renamed without control.

No problem on Redmine 3.0.0.

It seems that we can close this issue.

Files

a+b	4 Bytes	2012-08-02	Olivier Mehani
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