

Redmine - Defect #26398

Unable to upload attachments

2017-07-10 11:21 - Guillaume Rossolini

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Attachments	Estimated time:	0.00 hour
Target version:		Affected version:	3.4.1
Resolution:	Invalid		
Description			
Hi,			
We just upgraded from a 3.3.0 install and we found this in the logs when uploading attachments:			
<pre>Started POST "/uploads.js?attachment_id=1&filename=Nouveau%20document%20texte.txt&content_type=txt%2Fplain" for **ANON** at 2017-07-10 10:55:02 +0200 Processing by AttachmentsController#upload as JS Parameters: {"attachment_id"=>"1", "filename"=>"Nouveau document texte.txt", "content_type"=>"text/plain"} Current user: **ANON** (id=7) Saving attachment '/srv/www/redmine-3.4.1/files/2017/07/170710105502_6790b8cc76837a645a85dd36cf99e75f.txt' (0 bytes) Completed 500 Internal Server Error in 15ms (ActiveRecord: 2.3ms) ActiveRecord::StatementInvalid (Mysql2::Error: Data too long for column 'digest' at row 1: INSERT INTO `attachments` (`author_id`, `filename`, `content_type`, `created_on`, `disk_directory`, `disk_filename`, `digest`) VALUES (7, 'Nouveau document texte.txt', 'text/plain', '2017-07-10 10:55:02', '2017/07', '170710105502_6790b8cc76837a645a85dd36cf99e75f.txt', 'e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855')): app/controllers/attachments_controller.rb:97:in `upload' lib/redmine/sudo_mode.rb:63:in `sudo_mode'</pre>			
A quickfix is to add this to database.yml:			
<pre>strict: false</pre>			
But a better fix would probably be to change the table structure in the DB. (maybe I missed an upgrade script, but I didn't find any)			

History

#1 - 2017-07-10 14:58 - Guillaume Rossolini

I should have looked up the migration guide

[RedmineUpgrade](#)

However, the core issue stands: I am unable to attach files to tickets.

The new problem is that the AJAX upload works halfway: the AJAX response contains some JS code to update the HTML form with the token, but that doesn't happen. There is no error in the browser console and all dependencies are fetched, but the input.token node doesn't get its value.

Here is an example:

```
POST /redmine/uploads.js?attachment_id=2&filename=CGV.doc&content_type=application%2Fmsword HTTP/1.1
Host: office.instantluxe.com
Connection: keep-alive
Content-Length: 559104
Origin: https://office.instantluxe.com
X-CSRF-Token: **ANON**
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/61.0.3152.0 Safari/537.36
```

```
Content-Type: application/octet-stream
Accept: application/js
X-Requested-With: XMLHttpRequest
DNT: 1
Referer: **ANON**
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,en;q=0.8,fr;q=0.6
Cookie: **ANON**
```

```
HTTP/1.1 200 OK
Date: Mon, 10 Jul 2017 09:52:07 GMT
Server: Apache/2.4.10 (Debian)
Cache-Control: max-age=0, private, must-revalidate
X-Frame-Options: SAMEORIGIN
X-XSS-Protection: 1; mode=block
X-Content-Type-Options: nosniff
X-Runtime: 0.022208
X-Request-Id: 2a06e6e4-f40e-4148-864b-79997a55c37a
X-Powered-By: Phusion Passenger 5.1.5
ETag: **ANON**
Status: 200 OK
Content-Type: text/javascript; charset=utf-8
Set-Cookie: **ANON**
Vary: Accept-Encoding
Content-Encoding: gzip
Strict-Transport-Security: max-age=15768000
Content-Security-Policy: upgrade-insecure-requests; default-src 'self' 'unsafe-inline'; object-src 'none'
Accept-Ranges: none
Content-Length: 225
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
```

```
var fileSpan = $('#attachments_2');
fileSpan.find('input.token').val('7397.7e5f26089669be0ee142410d83a691f94a78eb60');
fileSpan.find('a.remove-upload')
  .attr({
    "data-remote": true,
    "data-method": 'delete',
    href: '/redmine/attachments/7397.js?attachment_id=2'
  })
  .off('click');
```

And here is the input after the request:

```
<span id="attachments_2" class=""><input type="text" class="icon icon-attachment filename readonly" name="attac
hments[2][filename]" readonly="readonly"><div class="ui-progressbar ui-widget ui-widget-content ui-corner-all
" role="progressbar" aria-valuemin="0" aria-valuemax="100" aria-valuenow="100">OK</div><input type="text" clas
s="description" name="attachments[2][description]" maxlength="255" placeholder="Optional description" style="d
isplay: none;"><input type="hidden" class="token" name="attachments[2][token]"><a href="#" class="icon-only ic
on-del remove-upload" style="display: none;">&nbsp;</a></span>
```

What is interesting, is that :

- the form does visually change after the upload, so some of the JS gets executed;
- manually executing this block of JS has the intended effect on the input.

#2 - 2017-07-10 15:45 - Toshi MARUYAMA

- Status changed from New to Needs feedback

Did you run "rake db:migrate"?

#3 - 2017-07-10 19:35 - Guillaume Rossolini

Yes, see my comment above: the DB schema issue is resolved, but I still can't upload files. Sorry for the confusion.

#4 - 2017-07-10 19:52 - Toshi MARUYAMA

Why do you use Chrome/61?

What plugins do you use?

See [submissions](#).

#5 - 2017-07-10 21:17 - Guillaume Rossolini

What's confusing me is that the `fileSpan.find('a.remove-upload')` line works, while the `fileSpan.find('input.token')` line doesn't appear to have any effect even though it is correct and it gets executed sooner.

Why not using Chrome/61 when you are in webdev yourself ;) It is fairly stable and it has nice features. I didn't take the time to try any other browser, maybe I should have.

As for the plugins and other info, I'll hand this off to someone else tomorrow.

#6 - 2017-07-11 04:46 - Toshi MARUYAMA

Guillaume Rossolini wrote:

Why not using Chrome/61 when you are in webdev yourself ;) It is fairly stable and it has nice features.

AFAIK, Chrome/61 is beta.

#7 - 2017-07-11 11:31 - Guillaume Rossolini

Toshi MARUYAMA wrote:

AFAIK, Chrome/61 is beta.

Yes it is, but we did try with a Stable version of Chrome and we had the same results. Also the same results with Firefox (Stable).

Here is our install info:

```
Environment:
  Redmine version      3.4.1.stable
  Ruby version         2.1.5-p273 (2014-11-13) [x86_64-linux-gnu]
  Rails version        4.2.8
  Environment          production
  Database adapter     Mysql2
SCM:
  Subversion           1.8.10
  Git                  2.1.4
  Filesystem
Redmine plugins:
  progressive_projects_list 1.0.0
  redmine_bootstrap_kit    0.1
  redmine_checklists       3.1.5
  redmine_custom_css       0.1.4
  redmine_http_basic_authentication 0.0.1
  redmine_issue_detailed_tabs_time 0.1.0
```

#8 - 2017-07-11 18:47 - Toshi MARUYAMA

- *Status changed from Needs feedback to Closed*

- *Resolution set to Invalid*

I cannot reproduce on vanilla Redmine [3.4.1](#).

```
$ cat /etc/centos-release
CentOS Linux release 7.3.1611 (Core)
```

```
$ rpm -qf `which google-chrome-unstable`
google-chrome-unstable-61.0.3141.7-1.x86_64
```

#9 - 2017-07-12 07:43 - Guillaume Rossolini

The app seems to send the AJAX response as Content-Type: text/javascript instead of the usual application/javascript, and the Content-Security-Policy may not see that as legitimate.