

Redmine - Defect #19435

PDF's are being uploaded with wrong mimetype "application/force-download" instead of "application/pdf"

2015-03-20 19:52 - Tobias Fischer

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Attachments	Estimated time:	0.00 hour
Target version:		Affected version:	3.0.1
Resolution:	Cant reproduce		

Description

Starting with Redmine 3.0 all PDF attachments beeing uploaded are stored in the database with the wrong mimetype "application/force-download" instead of "application/pdf".

This is my redmine3 dev installation which I run on a mac:

Environment:

Redmine version	3.0.1.stable
Ruby version	2.0.0-p481 (2014-05-08) [universal.x86_64-darwin14]
Rails version	4.2.1
Environment	production
Database adapter	Mysql2

SCM:

Subversion	1.7.19
Cvs	1.12.13
Git	1.9.5
Filesystem	

Redmine plugins:

redmine_lightbox2	0.2.2
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This happens for drag&drop uploads as well as for "normal" file uploads to tickets.

It seems as if this also results in the following webrick warning when trying to download a PDF attachment:

```
[2015-03-20 19:37:04] WARN Could not determine content-length of response body. Set content-length of the response or set Response#chunked = true
```

This warning also appears for images when beeing downloaded.

History

#1 - 2015-03-21 09:22 - Jean-Philippe Lang

- Status changed from New to Needs feedback
- Priority changed from Urgent to Normal
- Resolution set to Cant reproduce

This seems to be a browser issue. Redmine just stores the content type that is sent by the browser. What is yours? Can you check the headers of the request that is sent when uploading files?
I have just tested with 3.0.1 and Firefox 36, PDF uploaded by selection or drag'n drop are stored with application/pdf content type.

#2 - 2015-03-21 13:06 - Tobias Fischer

- File redmine3.0.1_firefox36.png added

this is part of the redmine 3.0.1 log for a PDF upload in Firefox 36.0.1 on mac yosemite 10.10.2:

```
2015-03-21 12:38:10 +0100
Processing by AttachmentsController#upload as JS
Parameters: {"attachment_id"=>"1", "filename"=>"test.pdf", "content_type"=>"application/force-download"}
Current user: admin (id=1)
```

Saving attachment '/Users/tobiasfischer/Entwicklung/redmine3/files/2015/03/150321123810_test.pdf' (74340 bytes)

This is the firebug network report for a similar drag&drop upload:

Parameter:

redmine3.0.1_firefox36.png

Request-Header:

```
POST /uploads.js?attachment_id=1&filename=test.pdf&content_type=application%2Fforce-download HTTP/1.1
Host: 0.0.0.0:3003
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.10; rv:36.0) Gecko/20100101 Firefox/36.0
Accept: application/js
Accept-Language: de,en-US;q=0.7,en;q=0.3
Accept-Encoding: gzip, deflate
X-CSRF-Token: +6LU1Y5BMOuMe/kWfMLOeUla7zHGO/F6S9dppPyQYX54SEH1DuIZ8XX8uyKICaat8DnYWtv3DOie9Uv+VLEhxw==
Content-Type: application/octet-stream
X-Requested-With: XMLHttpRequest
Referer: http://0.0.0.0:3003/issues/4
Content-Length: 74340
Cookie: _redmine_session=RC91VknSVm5FeTF3a.....4b31dfae9900a3dd59b
Connection: keep-alive
Pragma: no-cache
Cache-Control: no-cache
```

Answer:

```
HTTP/1.1 200 OK
X-Frame-Options: SAMEORIGIN
X-XSS-Protection: 1; mode=block
X-Content-Type-Options: nosniff
Content-Type: text/javascript; charset=utf-8
Etag: W/"f6a322439f4d25ab25f9c32bc6628cb4"
Cache-Control: max-age=0, private, must-revalidate
X-Request-Id: 207bdc30-be34-4340-9756-df734d33e698
X-Runtime: 0.013329
Server: WEBrick/1.3.1 (Ruby/2.0.0/2014-05-08)
Date: Sat, 21 Mar 2015 11:42:00 GMT
Content-Length: 328
Connection: Keep-Alive
Set-Cookie: _redmine_session=SzR3czBUL0cyTkx3a.....6368866227ad22c317; path=/; HttpOnly
```

This is weird as it works for you in Firefox36 and not for me. Although, for redmine 2.6.3 it works well with Firefox36 - but the query string doesn't contain the content_type parameter anyway.

And finally, it seems to work well in Chrome 41:

```
Processing by AttachmentsController#upload as JS
  Parameters: {"attachment_id"=>"1", "filename"=>"test.pdf", "content_type"=>"application/pdf"}
  Current user: admin (id=1)
Saving attachment '/Users/tobiasfischer/Entwicklung/redmine3/files/2015/03/150321125540_test.pdf' (74340 bytes)
  Rendered attachments/upload.js.erb (0.6ms)
Completed 200 OK in 39ms (Views: 1.6ms | ActiveRecord: 16.3ms)
```

#3 - 2015-03-21 13:15 - Tobias Fischer

Disabling all firefox addons doesn't help. Still the same issues.

#4 - 2015-03-21 14:01 - Tobias Fischer

Alright, this seems to be a Firefox "bug" (at least I'll refer to it as a bug, the developers don't) discussed in https://bugzilla.mozilla.org/show_bug.cgi?id=373621

[Note 45](#) seems to give an explanation why this is happening and [Comment 59](#) summarizes the thread with the suggestion to delete the file [mimeTypes.rdf](#) in your Firefox profile folder.

This helped and I'm no longer experiencing the issues in Redmine after deleting the file and a Firefox restart.

You can close the issue. Sorry for the trouble.

Cheers,

Tobias

#5 - 2015-03-21 14:21 - Tobias Fischer

```
[2015-03-20 19:37:04] WARN Could not determine content-length of response body. Set content-length of the response or set Response#chunked = true
```

Regarding the Webrick warning I opened a new issue: [#19438](#)

#6 - 2015-03-23 00:57 - Go MAEDA

- *Status changed from Needs feedback to Closed*

Thanks for feedback.
It is a browser issue, I close this.

Files

redmine3.0.1_firefox36.png	39.3 KB	2015-03-21	Tobias Fischer
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