

Redmine - Defect #17403

Unknown file size while downloading attachment

2014-07-07 09:55 - Amit Baswa

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Attachments	Estimated time:	0.00 hour
Target version:	3.2.0	Affected version:	2.4.2
Resolution:	Fixed		
Description Hi Redmine, When the download starts in Chrome, IDM, etc it shows the download size as unknown. However the file size can be seen in issues attachment area, but while downloading it doesn't show the file size. I had attached which shows the exact concept, please check on it. Following are the details of my Redmine deployed environment: Environment: Redmine version 2.4.2.stable Ruby version 2.0.0-p247 (2013-06-27) [x86_64-linux] Rails version 3.2.16 Environment production Database adapter MySQL2 SCM: Subversion 1.6.11 Git 1.9.3 Filesystem Redmine plugins: redmine_auto_watch 1.0.0 redmine_issue_checklist 2.0.5 redmine_overdue_notification_task 0.3.0 redmine_work_time 0.2.14 sidebar_hide 0.0.7 Kindly let me know if there is any patch or solution on it. Regards, Amit			
Related issues:			
Related to Redmine - Feature #17452: Add support for download resume to attac...		New	
Related to Redmine - Defect #19438: Webrick WARN: "Could not determine conten...		Closed	

Associated revisions

Revision 14632 - 2015-09-30 22:40 - Jean-Philippe Lang

Adds Rack::ContentLength (#17403).

History

#1 - 2014-07-07 11:23 - Daniel Felix

Hi there,

please try to add the following line above to this line in [source:trunk/app/controllers/attachments_controller.rb#L57](#) your attachments_controller.

```
headers['Content-Length'] = File.size(@attachment.filename)
```

Please give a short feedback. Maybe you need to restart your rails app for this change to take effect.

#2 - 2014-07-07 11:33 - Daniel Felix

Just to be sure...

Cast the value to a string.

```
headers['Content-Length'] = File.size(@attachment.filename).to_s
```

#3 - 2014-07-08 09:09 - Amit Baswa

Thanks Daniel,

I will make changes as per instruction provided and update the issue with feedback.

Regards,
Amit

#4 - 2014-07-08 09:34 - Amit Baswa

- *File Untitled.png added*

Hi Daniel,

I changed the code as per above instruction, but after that I was unable to even download attachment file. It was showing 500 Internal Error. Currently I had restored original code and the file is getting download with UNKNOWN size as usual.

Please let me know any other solution.

Attaching the proof of error.

Cheers,
Amit Baswa

#5 - 2014-07-08 15:24 - Daniel Felix

Sorry my fault. I've missed that attachments has a column filesize.
Please try this, this worked for me.

```
headers['Content-Length'] = @attachment.filesize.to_s
```

Sorry. :-D

#6 - 2014-07-11 10:01 - Amit Baswa

- *File Untitled.jpg added*

Thanks Daniel,

This worked for me too. Now I could see the file size while downloading it.

But,
I had one more issue with download. Attachment download currently does not support 'Resume'. Can we do something on it by which we can resume attachment download from where we had stopped. Because, if it is a large file then sometime it happens that due to internet issue the download stops and restart (because of no resume support).

Please find attachment for reference. Response is appreciated.

Cheers,
Amit

#7 - 2014-07-11 19:57 - Jean-Philippe Lang

- *Resolution set to Cant reproduce*

Tested with 2.4 and 2.5, Content-Length header is properly set in the response.

#8 - 2014-07-12 04:35 - Go MAEDA

Jean-Philippe Lang wrote:

Tested with 2.4 and 2.5, Content-Length header is properly set in the response.

I cannot see Content-Length field in response header from www.redmine.org.

command:

```
curl -D /tmp/header.txt http://www.redmine.org/attachments/download/11948/Untitled.jpg > /dev/null
```

result:

```
$ cat /tmp/header.txt
HTTP/1.1 200 OK
Date: Sat, 12 Jul 2014 02:25:47 GMT
Server: Apache
ETag: "24c773e01c7142c2d13637ca78de6db9"
Content-Disposition: inline; filename="Untitled.jpg"
Content-Transfer-Encoding: binary
Cache-Control: private
X-UA-Compatible: IE=Edge,chrome=1
X-Request-Id: 4ebd53db113938b048d92079cfc16e
X-Runtime: 0.010945
X-Rack-Cache: miss
Transfer-Encoding: chunked
Content-Type: image/jpeg
```

#9 - 2014-07-12 08:26 - Amit Baswa

Amit Baswa wrote:

Thanks Daniel,

This worked for me too. Now I could see the file size while downloading it.

But,

I had one more issue with download. **Attachment download currently does not support 'Resume'**. Can we do something on it by which we can resume attachment download from where we had stopped. Because, if it is a large file then sometime it happens that due to internet issue the download stops and restart (because of **no resume support**).

Please find attachment for reference. Response is appreciated.

Cheers,
Amit

Hi,

Can you please let me know if above issue will track in this issue or should I open a new ticket for this?

--Amit

#10 - 2014-07-12 08:56 - Go MAEDA

Amit Baswa, you would be better to create a new issue. The resume feature is another topic from this.

#11 - 2014-07-12 08:58 - Amit Baswa

Thanks Go MAEDA

--Amit

#12 - 2014-07-14 08:48 - Daniel Felix

Jean-Philippe Lang wrote:

Tested with 2.4 and 2.5, Content-Length header is properly set in the response.

Tested this with 2.3 till 2.6-devel, no version sends a Content-Length header with the request. Maybe this is a setting in on your server? I've tested it using apache with passenger.

The provided patch solved the issue for me.

#13 - 2014-07-14 10:02 - Go MAEDA

Another solution. Adds Content-Length field if it is not included in a response header.

```
Index: config/application.rb
```

```
=====
--- config/application.rb      (revision 13317)
+++ config/application.rb      (working copy)
@@ -54,6 +54,8 @@
    config.session_store :cookie_store, :key => '_redmine_session'

+   config.middleware.use Rack::ContentLength
+
+   if File.exists?(File.join(File.dirname(__FILE__), 'additional_environment.rb'))
+     instance_eval File.read(File.join(File.dirname(__FILE__), 'additional_environment.rb'))
+   end
end
```

#14 - 2014-07-14 11:36 - Jean-Philippe Lang

Daniel Felix wrote:

Tested this with 2.3 till 2.6-devel, no version sends a Content-Length header with the request. Maybe this is a setting in on your server?

The Content-Length header is set when running with Webrick. It's also set in the responses when running integration tests.

Using the Rack::ContentLength middleware seems to be a good option but I think it won't work if using X-Sendfile header (eg. config.action_dispatch.x_sendfile_header = "X-Sendfile" # for apache). Anyone tested it?

#15 - 2014-08-05 12:48 - Toshi MARUYAMA

- Related to Feature #17452: Add support for download resume to attachments added

#16 - 2014-08-05 12:54 - Toshi MARUYAMA

- Resolution deleted (Cant reproduce)

#17 - 2015-04-19 11:48 - Toshi MARUYAMA

- Related to Defect #19438: Webrick WARN: "Could not determine content-length of response body" added

#18 - 2015-09-30 11:58 - Go MAEDA

Jean-Philippe Lang wrote:

Using the Rack::ContentLength middleware seems to be a good option but I think it won't work if using X-Sendfile header (eg. config.action_dispatch.x_sendfile_header = "X-Sendfile" # for apache). Anyone tested it?

I tested Apache + mod_xsendfile on CentOS 7 and it worked well. I could see a Content-Lengh header field.

Modifications:

```
Index: config/application.rb
=====
--- config/application.rb      (revision 14625)
+++ config/application.rb      (working copy)
@@ -64,6 +64,7 @@
    config.log_level = Rails.env.production? ? :info : :debug

    config.session_store :cookie_store, :key => '_redmine_session'
+   config.middleware.use Rack::ContentLength

    if File.exists?(File.join(File.dirname(__FILE__), 'additional_environment.rb'))
      instance_eval File.read(File.join(File.dirname(__FILE__), 'additional_environment.rb'))
Index: config/environments/production.rb
=====
--- config/environments/production.rb      (revision 14625)
+++ config/environments/production.rb      (working copy)
@@ -22,4 +22,6 @@
    # Print deprecation notices to the Rails logger.
    config.active_support.deprecation = :log

+   config.action_dispatch.x_sendfile_header = 'X-Sendfile'
+ end
```

Test result:

```
$ curl --head http://localhost/attachments/download/2/test.txt
HTTP/1.1 200 OK
Date: Wed, 30 Sep 2015 09:54:49 GMT
Server: Apache/2.4.6 (CentOS) Phusion_Passenger/5.0.17
Cache-Control: private
X-XSS-Protection: 1; mode=block
X-Request-Id: 393f7d06-3fbc-4495-9454-53e3b707796f
Content-Disposition: attachment; filename="test.txt"
Content-Transfer-Encoding: binary
X-Frame-Options: SAMEORIGIN
X-Runtime: 0.014544
X-Content-Type-Options: nosniff
X-Powered-By: Phusion Passenger 5.0.17
Content-Length: 44
ETag: "6cc42dd03abfea586bca741175aee6d4"
Status: 200 OK
Content-Type: text/plain; charset=UTF-8
```

#19 - 2015-09-30 22:41 - Jean-Philippe Lang

- Status changed from New to Closed
- Assignee set to Jean-Philippe Lang
- Target version set to 3.2.0
- Resolution set to Fixed

Rack::ContentLength added in [r14632](#).

Files

Untitled.jpg	232 KB	2014-07-07	Amit Baswa
Untitled.png	164 KB	2014-07-08	Amit Baswa
Untitled.jpg	236 KB	2014-07-11	Amit Baswa