

Redmine - Defect #31275

Safari adds .html extension when downloading files of unknown type

2019-04-29 10:46 - Christian Felix

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Attachments	Estimated time:	0.00 hour
Target version:	4.0.4	Affected version:	4.0.3
Resolution:	Fixed		
Description			
Redmine Version: 4.0.3.stable			
Browser Version: Safari 12.1			
Operating system: macOS 10.14.4			
What is the issue and how can it be reproduced?			
<p>This problem only seems to happen in the Safari browser. When trying to download a "irregular" file such as .indd, .idml, etc. from Redmine, it always adds a .html at the end of the file. Downloading a picture file (.jpeg .png .gif etc.) for example, is working perfectly fine and does not get the .html at the end of the filename.</p> <p>It looks like Redmine adds either the wrong content-type or none at all which may lead to this issue in Safari.</p>			
What is the expected behavior?			
<p>When downloading any type of file from Redmine with Safari, it should always download the file as is and not add anything at the end of the filename.</p>			
Additional info:			
<p>At first I thought that it was an issue with Safari as it was working perfectly fine in Chrome or Firefox but as regular files are working in Safari as well, I kind of think that this is a combined issue of Redmine and Safari. (Safari being too straight with file types)</p>			

Associated revisions

Revision 18098 - 2019-04-30 03:37 - Go MAEDA

Fix that Content-Type header field is empty when sending a file of unknown type (#31275).

Patch by Go MAEDA.

Revision 18099 - 2019-04-30 04:03 - Go MAEDA

Correct the fixture id (#31275).

Revision 18100 - 2019-04-30 04:35 - Go MAEDA

Merged r18098 and r18099 from trunk to 4.0-stable (#31275).

History

#1 - 2019-04-29 15:47 - Go MAEDA

- Category changed from Issues to Attachments
- Status changed from New to Confirmed

Confirmed that the problem is reproducible in the trunk. No problem with 3.4.

Comparing HTTP headers in Redmine 3.4 and the trunk, I found that the header in the trunk has "Content-Type: text/html; charset=utf-8". This may be the cause.

[3.4-stable]

```
HTTP/1.1 200 OK
X-Frame-Options: SAMEORIGIN
X-Xss-Protection: 1; mode=block
X-Content-Type-Options: nosniff
Etag: "c8c16845c9c26151a57d12ea12c26839"
Content-Disposition: attachment; filename="test.indd"
Content-Transfer-Encoding: binary
Content-Type:
Cache-Control: private
X-Request-Id: 903252e3-f983-4d73-84f2-b5046dd052ec
X-Runtime: 0.039056
Server: WEBrick/1.3.1 (Ruby/2.2.10/2018-03-28)
Date: Mon, 29 Apr 2019 13:35:02 GMT
Connection: close
```

[trunk]

```
HTTP/1.1 200 OK
X-Frame-Options: SAMEORIGIN
X-XSS-Protection: 1; mode=block
X-Content-Type-Options: nosniff
X-Download-Options: noopen
X-Permitted-Cross-Domain-Policies: none
Referrer-Policy: strict-origin-when-cross-origin
ETag: W/"c8c16845c9c26151a57d12ea12c26839"
Content-Type: text/html; charset=utf-8
Content-Disposition: attachment; filename="test.indd"
Content-Transfer-Encoding: binary
Cache-Control: private
X-Request-Id: 5eb10b0d-88df-47f4-9d20-4cd473d9c64e
X-Runtime: 0.029546
Date: Mon, 29 Apr 2019 13:35:41 GMT
Connection: close
```

#2 - 2019-04-29 17:19 - Go MAEDA

- Target version set to 4.0.4

The following patch fixes the problem.

Index: app/controllers/attachments_controller.rb

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--- app/controllers/attachments_controller.rb (リビジョン 18097)

+++ app/controllers/attachments_controller.rb (□□ コピー)

@@ -239,7 +239,9 @@

```
def detect_content_type(attachment)
  content_type = attachment.content_type
  if content_type.blank? || content_type == "application/octet-stream"
-   content_type = Redmine::MimeType.of(attachment.filename)
+   content_type =
+   Redmine::MimeType.of(attachment.filename) ||
+   "application/octet-stream"
  end
  content_type.to_s
end
```

#3 - 2019-04-29 17:21 - Christian Felix

Thank you for testing and providing a fix for this! Looking forward to the release of 4.0.4

#4 - 2019-04-30 03:37 - Go MAEDA

- Subject changed from *Downloading attachment from Redmine with Safari, always adds .html to the file to Safari adds .html extension when downloading files of unknown type*
- Status changed from *Confirmed* to *Resolved*
- Assignee set to *Go MAEDA*
- Resolution set to *Fixed*

Committed the fix. Thank you for reporting this issue.

#5 - 2019-04-30 04:37 - Go MAEDA

- Status changed from *Resolved* to *Closed*