Redmine - Patch #13688
Chosen thumbnail has to be bigger than requested one and not smaller
2013-04-04 21:31 - Stanislav German-Evtushenko

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<th>Status:</th>
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<td>Priority:</td>
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<td>Assignee:</td>
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<td>Category:</td>
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<td>Target version:</td>
<td>4.1.0</td>
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Description

Currently thumbnail request with a size of 99 will provide an image of 50px.
Currently thumbnail request with a size of 149 will provide an image of 100px.
And one exception: thumbnail request with a size of 49 and less will provide an image of 100px.

Provided image has to be bigger then requested and not smaller, for example:
request from 1 to 50 -> 50px
from 51 to 100 -> 100px
from 101 to 150 -> 150px
etc

small patch that makes this change is attached

Associated revisions

Revision 17850 - 2019-02-05 14:50 - Go MAEDA

Makes sure the generated thumbnail is always of at least the requested size (#13688).

Patch by Jens Krämer and Marius BALTEANU.

Revision 17851 - 2019-02-06 00:40 - Go MAEDA

Fix a test failure (#13688).

Patch by Marius BALTEANU.

History

#1 - 2013-04-06 13:55 - Stanislav German-Evtushenko
Before patch applied:
- from 0 to 49 -> 100px
- from 50 to 99 -> 50px
- from 100 to 149 -> 100px
- from 140 to 199 -> 150px
- ...

After patch applied:
- 0 -> 100px
- from 1 to 50 -> 50px
- from 51 to 100 -> 100px
- from 101 to 150 -> 150px
- from 151 to 200 -> 200px
Here's an alternative patch using Float#ceil. Also adds a corresponding test case.

The following error occurred while running tests. Jens, could you check the patch?

```
Failure: 
AttachmentsControllerTest#test_thumbnail_should_round_size [/home/ubuntu/redmine-trunk/app/models/attachment.rb:222]: unexpected invocation: Redmine::Thumbnail.generate("/home/ubuntu/redmine-trunk/test/fixtures/files/2010/11/101123161450_testfile_1.png", "/home/ubuntu/redmine-trunk/tmp/thumbnails/16_8e0294de2441577c529f170b6b8f638_300.thumb", 300) 
unsatisfied expectations: 
- expected exactly once, not yet invoked: Redmine::Thumbnail.generate()

bin/rails test test/functional/attachments_controller_test.rb:409
```

This is my environment:

```
Environment:
 Redmine version 4.0.0.devel.17734
 Ruby version 2.6.0-p-1 (2018-12-06) [x86_64-linux]
 Rails version 5.2.2
 Environment development
 Database adapter SQLite
 Mailer queue ActiveJob::QueueAdapters::AsyncAdapter
 Mailer delivery smtp
 SCM:
 Subversion 1.9.3
 Mercurial 3.7.3
 Cvs 1.12.13
 Bazaar 2.7.0
 Git 2.7.4
 Filesystem
 Redmine plugins:
 no plugin installed
```
Applying the below patch on top over Jens patch fixes the test.

diff --git a/test/unit/attachment_test.rb b/test/unit/attachment_test.rb
index 4bab579..bccb2c6 100644
--- a/test/unit/attachment_test.rb
+++ b/test/unit/attachment_test.rb
@@ -494,7 +494,7 @@
 class AttachmentTest < ActiveSupport::TestCase
   [101, 150],
   ].each do [size, generated_size]
     thumbnail = attachment.thumbnail(size: size)
-    assert_equal "16_8e0294de2441577c529f170b6fb8f638_#{generated_size}.thumb",
+    assert_equal "8e0294de2441577c529f170b6fb8f638_2654_#{generated_size}.thumb",
       File.basename(thumbnail)
   end
 end

The thumbnail format is #{digest}_#{filesize}_#{size}.thumb where:
- digest is 8e0294de2441577c529f170b6fb8f638
- filesize is 2654
- size is the generated size which changes during the test.

 confirmed that the test passes after applying the patch written by Marius. Setting the target version to 4.1.0.

Committed the patch. Thank you for your contribution.

To fix the tests:

diff --git a/test/functional/attachments_controller_test.rb b/test/functional/attachments_controller_test.rb
index cf7e961..faaf462 100644
--- a/test/functional/attachments_controller_test.rb
+++ b/test/functional/attachments_controller_test.rb
@@ -407,7 +407,7 @@
 end

def test_thumbnail_should_round_size

2020-04-04
#10 - 2019-02-06 02:45 - Go MAEDA
- Status changed from Reopened to Closed

Marius BALTEANU wrote:

To fix the tests:

[...]