Redmine - Defect #29038

Thumbnail macro causes attachment file not found and broken filename and link

2018-06-17 17:00 - Toru Takahashi

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Go MAEDA		**% Done:**	0%
Category:	Text formatting		**Estimated time:**	0.00 hour
Target version:	3.3.9			
Resolution:	Fixed		**Affected version:**	3.4.6

Description

Wiki's thumbnail macro seemed to break attachment's filename attribute when the attachment has non-blank description.

- case 1
  On a wiki page attached an image file with description, and wrote twice thumbnail macros of the image file,
  then second thumbnail macro can not show thumbnail image, but file not found error.
  Sample error page is as follows:

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- case 2
  On an issue page attached an image file with description, and wrote one thumbnail macro for the image file, then attached file's
  filename and link is broken such that filename is shown as filename + description, and file link is same.
  Sample page is as follows:

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Case 1 is affected to wiki, issue , news, and forum.
Case 2 is affected to issue, forum.

Environment is

```
Environment:
  Redmine version                3.4.6.stable
  Ruby version                   2.4.1-p111 (2017-03-22) [x86_64-linux-gnu]
  Rails version                  4.2.8
  Environment                    production
  Database adapter               SQLite
```

- Redmine trunk has same behavior.

Associated revisions

Revision 17428 - 2018-07-02 04:36 - Go MAEDA

"thumbnail" macro may break filename attribute of the attachment (#29038).

Patch by Toru Takahashi.

Revision 17429 - 2018-07-02 05:03 - Go MAEDA

Merged r17428 from trunk to 3.4-stable (#29038).

Revision 17430 - 2018-07-02 05:04 - Go MAEDA

Merged r17428 from trunk to 3.3-stable (#29038).

History

#1 - 2018-06-17 17:29 - Toru Takahashi

- File attachment_title_dup_from_filename.diff added

in thumbnail macro (lib/redmine/wiki-formatting/macros.rb),

```
              title = options[:title] || attachment.title
```

this line changes attachment.filename if attachment has non empty description attribute.

In Attachment::title method,

```
def title
  title = filename.to_s
  if description.present?
    title << " (#{description})"
  end
  title
end
```

filename.to_s returns filename itself, so when attachment has descripton,
title << " (#{description})" changes not only title but filename.

I attached a fix patch for app/models/attachment.rb to deep copy from filename attribute to title attribute to keep filename attribute from modifing title attribute.
This patch is generate under svn r17391 (3.4-stable branch).

#2 - 2018-06-30 08:30 - Go MAEDA

- Target version set to 3.3.9

I have confirmed the issue. Here is a test to catch it.

```
Index: test/unit/attachment_test.rb
===================================================================
--- test/unit/attachment_test.rb    (revision 17424)
+++ test/unit/attachment_test.rb    (working copy)
@@ -258,6 +258,7 @@

    a = Attachment.new(:filename => "test.png", :description => "Cool image")
    assert_equal "test.png (Cool image)", a.title
+   assert_equal "test.png", a.filename
  end

  def test_new_attachment_should_be_editable_by_author
```

```
Failure:
AttachmentTest#test_title [test/unit/attachment_test.rb:261]:
Expected: "test.png"
  Actual: "test.png (Cool image)"
```

#3 - 2018-07-02 04:36 - Go MAEDA

- Category changed from Attachments to Text formatting

- Status changed from New to Resolved

- Assignee set to Go MAEDA

#4 - 2018-07-02 05:09 - Go MAEDA

- Status changed from Resolved to Closed

- Resolution set to Fixed

Committed to the trunk and stable branches. Thank you for your contribution.

#5 - 2018-11-30 15:19 - Marius BĂLTEANU

- Subject changed from thumbnail macro causes attachment file not found and broken filename and link to Thumbnail macro causes attachment file not found and broken filename and link

Files

thumbnail_twice_cause_file_not_found.png	41.5 KB	2018-06-17	Toru Takahashi
thumbnail_cause_broken_filename_and_link.png	40.3 KB	2018-06-17	Toru Takahashi
attachment_title_dup_from_filename.diff	368 Bytes	2018-06-17	Toru Takahashi