

Redmine - Defect #20278

Wrong syntax for resizing inline images will throw a 500 error

2015-07-09 12:16 - Michael Skrynski

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Text formatting	Estimated time:	0.00 hour
Target version:	3.1.1	Affected version:	
Resolution:	Fixed		

Description

Given the following Textile code:

```
|.Text|
|!width:50%FE-Image.jpg!
```

will throw a 500 error in Redmine with an attachment file called FE-Image.jpg after saving.

```
ActionView::Template::Error
invalid byte sequence in UTF-8
```

Stacktrace (most recent call first):

```
attachment.rb:259:in `downcase'
 |att| att.filename.downcase == filename.downcase
attachment.rb:259:in `block in latest_attach'
 |att| att.filename.downcase == filename.downcase
attachment.rb:258:in `each'
 attachments.sort_by(&:created_on).reverse.detect {
attachment.rb:258:in `detect'
 attachments.sort_by(&:created_on).reverse.detect {
attachment.rb:258:in `latest_attach'
 attachments.sort_by(&:created_on).reverse.detect {
application_helper.rb:657:in `block in parse_inline_attachments'
 if found = Attachment.latest_attach(attachments, CGI.unescape(filename))
application_helper.rb:654:in `gsub!'
 text.gsub!(/src="([\^"]+\.(\.bmp|gif|jpg|jpeg|png))"(\s+alt="([\^"]*)")?/i) do |m|
application_helper.rb:654:in `parse_inline_attachments'
 text.gsub!(/src="([\^"]+\.(\.bmp|gif|jpg|jpeg|png))"(\s+alt="([\^"]*)")?/i) do |m|
application_helper.rb:605:in `block (2 levels) in textilizable'
 send method_name, text, project, obj, attr, only_path, options
application_helper.rb:604:in `each'
 [:parse_inline_attachments, :parse_wiki_links, :parse_redmine_links].each do |method_name|
application_helper.rb:604:in `block in textilizable'
 [:parse_inline_attachments, :parse_wiki_links, :parse_redmine_links].each do |method_name|
application_helper.rb:625:in `parse_non_pre_blocks'
 yield text
```

Using the correct syntax:

|.Text|

!!{width:50%}FE-Image.jpg!!

will display the correct image downsized to 50%.
Is there a way to catch such user-generated error?

Related issues:

Related to Redmine - Patch # 20369: Use String#casecmp for case insensitive c...

Closed

Associated revisions**Revision 14473 - 2015-08-02 09:25 - Jean-Philippe Lang**

Wrong syntax for resizing inline images may throw a 500 error (#20278).

Fix by Go MAEDA.

Revision 14543 - 2015-09-12 12:51 - Jean-Philippe Lang

Merged r14473 (#20278).

History**#1 - 2015-07-18 08:13 - Go MAEDA**

Although this is not a solution to the root of the error, we can avoid the error and save some cycles.

(String#casecmp is much faster than calling String#downcase twice)

Index: app/models/attachment.rb

=====

--- app/models/attachment.rb (revision 14445)

+++ app/models/attachment.rb (working copy)

@@ -294,7 +294,7 @@

```
def self.latest_attach(attachments, filename)
  attachments.sort_by(&:created_on).reverse.detect do |att|
-   att.filename.downcase == filename.downcase
+   filename.casecmp(att.filename)
  end
end
```

#2 - 2015-07-19 07:42 - Go MAEDA

Sorry, workaround on #20278#note-1 is wrong.

Should be replaced with the following:

Index: app/models/attachment.rb

=====

--- app/models/attachment.rb (revision 14445)

+++ app/models/attachment.rb (working copy)

@@ -294,7 +294,7 @@

```
def self.latest_attach(attachments, filename)
  attachments.sort_by(&:created_on).reverse.detect do |att|
-   att.filename.downcase == filename.downcase
+   filename.casecmp(att.filename) == 0
  end
end
```

#3 - 2015-07-19 09:45 - Go MAEDA

- *Related to Patch #20369: Use String#casecmp for case insensitive comparison added*

#4 - 2015-08-02 09:25 - Jean-Philippe Lang

- *Category set to Text formatting*
- *Status changed from New to Resolved*
- *Assignee set to Jean-Philippe Lang*
- *Target version set to 3.1.1*
- *Resolution set to Fixed*

Fix committed with a test in r14473, thanks.

#5 - 2015-09-12 12:51 - Jean-Philippe Lang

- *Status changed from Resolved to Closed*

Merged.