

## Redmine - Defect #20278

### Wrong syntax for resizing inline images will throw a 500 error

2015-07-09 12:16 - Michael Skrynski

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	Text formatting	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.1.1	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Given the following Textile code:			
<pre> _.Text   !width:50%FE-Image.jpg! </pre>			
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):			
<pre>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(&amp;:created_on).reverse.detect { attachment.rb:258:in `detect'   attachments.sort_by(&amp;:created_on).reverse.detect { attachment.rb:258:in `latest_attach'   attachments.sort_by(&amp;: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 jpe jpeg png))"(\s+alt="([\^"]*)"?)?/i) do  m  application_helper.rb:654:in `parse_inline_attachments'   text.gsub!(/src="([\^\/"]+\.(bmp gif jpg jpe 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</pre>			
Using the correct syntax:			
<pre> _.Text   !{width:50%}FE-Image.jpg! </pre>			
will display the correct image downsized to 50%.			
Is there a way to catch such user-generated error?			
<b>Related issues:</b>			
Related to Redmine - Patch #20369: Use String#casecmp for case insensitive co...		<b>Closed</b>	

#### 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

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### #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.