

Redmine - Defect #27202

if attachment filename contain semicolon ";" we get RecordNotFound error on web server puma

2017-10-16 15:29 - Vladimir Kh

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Attachments	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:			
Description			
AttachmentController raise RecordNotFound if attachment filename does not match with http request parameter "filename"			
<pre>def find_attachment @attachment = Attachment.find(params[:id]) # Show 404 if the filename in the url is wrong raise ActiveRecord::RecordNotFound if params[:filename] && params[:filename] != @attachment. filename @project = @attachment.project rescue ActiveRecord::RecordNotFound render_404 end</pre>			
if http parameter contain semicolon, webserver puma - drop it and characters after.			
According to rfc1738 (https://tools.ietf.org/html/rfc1738#section-3.3) such behavior is correct, because semicolon is reserved symbol, and must be encoded in %3B (in url)			
Puma issue (https://github.com/puma/puma/puma/issues/1122) - here is little bit more information about trouble.			
I try use attachment_path helper in app/views/attachments/_links.html.erb (instead hash in link_to), and it seems to be improve situation, url was encoded right, with %3B instead ";"			

History

#1 - 2017-10-16 15:55 - Toshi MARUYAMA

- Description updated
- Category set to Attachments

#2 - 2017-10-23 09:55 - Vladimir Kh

A temporary solution for me:

`./config/initializers/semicolon-fix.rb`

```
class ActionDispatch::Journey::Router::Utils::UriEncoder

  PUMASEGMENT = /^[^#{UNRESERVED}#{SUB_DELIMS.gsub(';', '')}:@]/.freeze

  def escape_segment(segment)
```

```
    escape(segment, PUMASEGMENT)
  end
end
```

#3 - 2020-03-21 12:14 - Toshi MARUYAMA

- File *puma.png* added

- Status changed from *New* to *Closed*

Fixed by <https://github.com/puma/puma/pull/1934>

```
Puma starting in single mode...
* Version 4.3.3 (ruby 2.3.8-p459), codename: Mysterious Traveller
* Min threads: 0, max threads: 16
* Environment: production
* Listening on tcp://0.0.0.0:3000
Use Ctrl-C to stop
```

The screenshot shows a Redmine interface with a navigation bar containing tabs for Overview, Activity, Roadmap, Issues (selected), Spent time, Gantt, and Calendar. Below the navigation bar, the issue title is "Bug #50 » test;test.txt" and the reporter is "Redmine Admin, 03/21/2020 08:11 PM". A text area contains the content "1 test".

Files

puma.png	20.1 KB	2020-03-21	Toshi MARUYAMA
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