ChiliProject - Bug # 707: Wiki diffs: incompatible character encoding error on Ruby 1.9.2

Status:	Closed	**Priority:**	Normal
Author:	Moritz Breit	**Category:**	
Created:	2011-11-16	**Assignee:**	
Updated:	2011-11-25	**Due date:**	

Remote issue URL:

Affected version: 2.4.0

Description:

On Ruby 1.9.2, showing wiki diffs can fail with an incompatible character encoding error:

<pre>
ActionView::TemplateError (incompatible character encodings: UTF-8 and ASCII-8BIT) on line #16 of app/views/wiki/diff.rhtml:
13: </p>
14:
15:
16: <%= simple_format_without_paragraph @diff.to_html %>
17:

app/views/wiki/diff.rhtml:16:in `concat'
app/views/wiki/diff.rhtml:16:in `_run_rhtml_app47views47wiki47diff46rhtml'
<internal:prelude>:10:in `synchronize'
/home/mbreit/.rvm/rubies/ruby-1.9.2-head/lib/ruby/1.9.1/webrick/httpserver.rb:111:in `service'
/home/mbreit/.rvm/rubies/ruby-1.9.2-head/lib/ruby/1.9.1/webrick/httpserver.rb:70:in `run'
/home/mbreit/.rvm/rubies/ruby-1.9.2-head/lib/ruby/1.9.1/webrick/server.rb:183:in `block in start_thread'

Rendered rescues/_trace (13.9ms)
Rendered rescues/_request_and_response (3.4ms)
Rendering rescues/layout (internal_server_error)
</pre>

This happens if the @WikiJournal@ content is gzip encoded.
The reason is source:app/models/wiki_content.rb@0462fa9#L107 where @Zlib::Inflate.inflate@ returns a string with encoding set to ASCII-8BIT.

Associated revisions

2011-11-16 05:39 pm - Moritz Breit

[#707] Fix encoding error on wiki diffs on Ruby 1.9

WikiDiff#to_html returns a string with ASCII encoding if
the WikiJournal content has been Zlib compressed because
Zlib::Inflate.inflate returns strings with ASCII encoding.
Forcing the encoding to be UTF8 fixes this bug.

2011-11-25 06:48 pm - Felix SchÃ¤fer

Merge pull request #124 from mbreit/bugfix/707-wiki-diff-encoding-error-ruby19

[#707] Fix encoding error on wiki diffs on Ruby 1.9

History

2011-11-16 04:43 pm - Moritz Breit

A pull request with a fix for this problem is at https://github.com/chiliproject/chiliproject/pull/124

2011-11-16 07:14 pm - Felix Schäfer

- Target version set to 2.5.0

- Status changed from Open to Ready for review

Looks good to me, I'd just like Holger to have a quick look too. The only thing I'm not quite sure about is the @respond_to@ part, wouldn't it be better to test whether we're on 1.9 or not?

2011-11-16 07:35 pm - Holger Just

This is fine by me. The @respond_to?@ is best practice and better transports the intend of the action.

As a side remark, I'd like to state that the whole gzip-bytes-in-text-field thing that we pull is rather shady. Those things should either be stored in a @BLOB@ or (even better) be left to the underlying database storage engine to be transparently compressed. However, this is out of scope for this issue.

2011-11-25 05:49 pm - Felix Schäfer

- Status changed from Ready for review to Closed

Merged in commit:8b7ee93, thanks a lot!