

Redmine - Defect #17826

PDF export fails if there is U+FFFD in issue data or journals

2014-09-10 09:58 - Vincent Robert

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Toshi MARUYAMA	% Done:	0%
Category:	PDF export	Estimated time:	0.00 hour
Target version:	2.4.7	Affected version:	2.5.2
Resolution:	Fixed		

Description

When users add special characters to issues (often by copy/pasting text from terminals to issue journals), they cannot export these issues to PDF and get an error (invalid byte sequence in UTF-8).

Here is an example. With these special characters in it, an error should occur when we try to export this issue to PDF.

```
Archivage automatique      Dsactiv
Squence de journal en ligne
Squence de journal courante
```

Associated revisions

Revision 13368 - 2014-09-11 15:46 - Toshi MARUYAMA

pdf: add test to export issue pdf with UTF-8 U+FFFD (#17826)

Revision 13369 - 2014-09-11 16:14 - Toshi MARUYAMA

pdf: fix r13368 test name (#17826)

Revision 13370 - 2014-09-11 16:53 - Toshi MARUYAMA

2.5-stable: pdf: fix failure exporting issue pdf with UTF-8 U+FFFD (#17826)

This revision has trunk r13368 and r13369 test.

Revision 13371 - 2014-09-11 16:55 - Toshi MARUYAMA

2.4-stable: pdf: fix failure exporting issue pdf with UTF-8 U+FFFD (#17826)

This revision has trunk r13368 and r13369 test.

History

#1 - 2014-09-10 10:01 - Vincent Robert

New test :

```
Archivage automatique      Dsactiv
Destination de l'archive    /uarch
Squence de journal en ligne la plus ancienne
Squence de journal courante
```

#2 - 2014-09-10 10:05 - Vincent Robert

The problem occurs on my server (with Redmine 2.5.2 / ruby 2.0.0 and no plugin) but everything seems to work fine here...

#3 - 2014-09-11 07:04 - Jean-Baptiste Barth

- Status changed from New to Needs feedback

- Assignee set to Jean-Baptiste Barth

- Target version set to Candidate for next minor release

Can you try to reproduce: 1/ on redmine 2.5.2 with ruby 1.9.3, 2/ on current trunk ? Anyway the stack trace would be helpful (I have access to this through our common instance but not other contributors ;)). Maybe we can force encoding somewhere.

Note that I'd like to see it reproduced on current trunk because [r13358](#) has extracted the vendored rfpdf plugin and we will use the gem starting with 2.6.0, so I'd like to see if issue is the same with that. But if we can fix that for 2.5.3, let's go then ;-)

#4 - 2014-09-11 13:47 - Vincent Robert

PDF export works fine with ruby 1.9.3 and redmine 2.5.2.
The error occurs with ruby 2.0.0 and ruby 2.1.2.

Here is the stack trace:

```
ArgumentError (invalid byte sequence in UTF-8):
  lib/plugins/rfpdf/lib/tcpdf.rb:3037:in `gsub'
  lib/plugins/rfpdf/lib/tcpdf.rb:3037:in `escape'
  lib/plugins/rfpdf/lib/tcpdf.rb:3028:in `escapetext'
  lib/plugins/rfpdf/lib/tcpdf.rb:1748:in `Cell'
  lib/plugins/rfpdf/lib/tcpdf.rb:2021:in `Write'
  lib/plugins/rfpdf/lib/tcpdf.rb:3530:in `block in writeHTML'
  lib/plugins/rfpdf/lib/tcpdf.rb:3501:in `each'
  lib/plugins/rfpdf/lib/tcpdf.rb:3501:in `writeHTML'
  lib/plugins/rfpdf/lib/tcpdf.rb:3612:in `writeHTMLCell'
  lib/redmine/export/pdf.rb:141:in `RDMwriteHTMLCell'
  lib/redmine/export/pdf.rb:601:in `issue_to_pdf'
  app/controllers/issues_controller.rb:133:in `block (2 levels) in show'
  app/controllers/issues_controller.rb:125:in `show'
```

I will try with the last version from trunk.

#5 - 2014-09-11 14:13 - Toshi MARUYAMA

Vincent Robert wrote:

PDF export works fine with ruby 1.9.3 and redmine 2.5.2.
The error occurs with ruby 2.0.0 and ruby 2.1.2.

Here is the stack trace:

```
ArgumentError (invalid byte sequence in UTF-8):
  lib/plugins/rfpdf/lib/tcpdf.rb:3037:in `gsub'
  lib/plugins/rfpdf/lib/tcpdf.rb:3037:in `escape'
  lib/plugins/rfpdf/lib/tcpdf.rb:3028:in `escapetext'
  lib/plugins/rfpdf/lib/tcpdf.rb:1748:in `Cell'
  lib/plugins/rfpdf/lib/tcpdf.rb:2021:in `Write'
  lib/plugins/rfpdf/lib/tcpdf.rb:3530:in `block in writeHTML'
  lib/plugins/rfpdf/lib/tcpdf.rb:3501:in `each'
  lib/plugins/rfpdf/lib/tcpdf.rb:3501:in `writeHTML'
  lib/plugins/rfpdf/lib/tcpdf.rb:3612:in `writeHTMLCell'
  lib/redmine/export/pdf.rb:141:in `RDMwriteHTMLCell'
  lib/redmine/export/pdf.rb:601:in `issue_to_pdf'
  app/controllers/issues_controller.rb:133:in `block (2 levels) in show'
  app/controllers/issues_controller.rb:125:in `show'
```

I will try with the last version from trunk.

I think your ruby 2.0.0 and 2.1.2 are broken.
Because Redmine 2.5 uses 'ASCII-8BIT'.
[source:tags/2.5.2/lib/redmine/export/pdf.rb#L787](https://source.ruby-lang.org/ruby-devel/2014/09/11/2014091101.html)

#6 - 2014-09-11 14:53 - Toshi MARUYAMA

- File pdf-issue-notes.png added

I cannot reproduce.

```
$ ruby --version
ruby 2.1.2p95 (2014-05-08 revision 45877) [x86_64-linux]
```

History

#1 - 08/11/2014 12:00 AM - Redmine Admin

- Status changed from New to Assigned
- % Done changed from 40 to 30

Journal notes

#2 - 08/12/2014 12:00 AM - John Smith

Some notes with Redmine links: #2, r2.

#3 - 09/11/2014 09:47 PM - Redmine Admin

Archivage automatique D❖sactiv
S❖quence de journal en ligne
S❖quence de journal courante

#7 - 2014-09-11 15:08 - Vincent Robert

Did you try with Redmine 2.5.2?

It appears the error is gone with trunk version of Redmine. It only occurs with 2.5.2 and ruby > 2.0.0 (I reproduced the bug on my Mac, but also on a linux server and even on Heroku ;)

#8 - 2014-09-11 15:19 - Toshi MARUYAMA

Try this patch.

```
diff --git a/lib/plugins/rfpdf/lib/tcpdf.rb b/lib/plugins/rfpdf/lib/tcpdf.rb
--- a/lib/plugins/rfpdf/lib/tcpdf.rb
+++ b/lib/plugins/rfpdf/lib/tcpdf.rb
@@ -1,3 +1,5 @@
+# encoding: ascii-8bit
+
+=====+
# File name      : tcpdf.rb
# Begin         : 2002-08-03
```

#9 - 2014-09-11 15:19 - Toshi MARUYAMA

Vincent Robert wrote:

Did you try with Redmine 2.5.2?

Sorry, I can reproduce on Redmine 2.5.

#10 - 2014-09-11 15:26 - Vincent Robert

Great! It works perfectly with this patch.

#11 - 2014-09-11 15:30 - Toshi MARUYAMA

- Assignee changed from Jean-Baptiste Barth to Toshi MARUYAMA
- Target version changed from Candidate for next minor release to 2.5.3

#12 - 2014-09-11 15:31 - Toshi MARUYAMA

- Subject changed from PDF export fails if there are some special characters in issue data or journals to PDF export fails if there is U+FFFD in issue data or journals

#13 - 2014-09-11 15:42 - Toshi MARUYAMA

- Target version changed from 2.5.3 to 2.4.7

#14 - 2014-09-11 19:46 - Toshi MARUYAMA

- Status changed from Needs feedback to Closed

- Resolution set to Fixed

Fixed in 2.5-stable [r13370](#) and 2.4-stable [r13371](#), thanks.

Files

pdf-issue-notes.png	22 KB	2014-09-11	Toshi MARUYAMA
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