

Redmine - Defect #13872

CJK(Chinese/Japanese/Korean) pdf export error on other CJK locales

2013-04-25 06:24 - huang leo

Status:	Closed	Start date:	
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:	PDF export	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Invalid		

Description

*only simple Chinese can NOT export pdf. Big5 is fine.

once click pdf export, Internal error will be show. Following is the error log from server:*

```
Iconv::InvalidEncoding (invalid encoding ("gb18030", "UTF-8")):
  lib/redmine/codeset_util.rb:146:in `initialize'
  lib/redmine/codeset_util.rb:146:in `new'
  lib/redmine/codeset_util.rb:146:in `from_utf8'
  lib/redmine/export/pdf.rb:788:in `rdm_from_utf8'
  lib/redmine/export/pdf.rb:112:in `fix_text_encoding'
  lib/redmine/export/pdf.rb:132:in `RDMCell'
  lib/redmine/export/pdf.rb:441:in `issues_to_pdf'
  app/controllers/issues_controller.rb:89:in `index'
  app/controllers/issues_controller.rb:82:in `index'
```

Environment:
Redmine version 2.3.0.stable
Ruby version 1.8.7 (x86_64-linux)
Rails version 3.2.13
Environment production
Database adapter MySQL
Redmine plugins:
piwik_plugin 0.1.1
redmine_issue_checklist 2.0.5

History

#1 - 2013-04-26 06:00 - Toshi MARUYAMA

- Priority changed from Normal to Low

#2 - 2013-04-26 06:02 - Toshi MARUYAMA

- Subject changed from pdf export error to CJK(Chinese/Japanese/Korean) pdf export error on other CJK locales

#3 - 2013-04-29 07:25 - Toshi MARUYAMA

- Status changed from New to Needs feedback

It seems your system does not have "gb18030" encoding.
Try following.

```
$ irb
1.8.7 :001 > require 'iconv'
=> true
1.8.7 :002 > ic = Iconv.new("gb18030", "UTF-8")
=> #<Iconv:0x7f73019f8208>
1.8.7 :003 > ic.iconv(" ")
=> "\326\320\271\372"
```

#4 - 2013-05-21 09:02 - huang leo

Toshi MARUYAMA wrote:

It seems your system does not have "gb18030" encoding.
Try following.

[...]

Hi Toshi,

Thx for your support, But I don't know how to use your support information. modify some files or run script?

#5 - 2013-05-21 09:21 - Toshi MARUYAMA

- Status changed from Needs feedback to Closed

- Resolution set to Invalid

Please contact your system administrator.

It seems your Ruby is broken.

On my CentOS 6.

```
$ locate -i gb18030
/home/xxxxx/.rvm/rubies/ruby-1.9.3-p392/lib/ruby/1.9.1/x86_64-linux/enc/gb18030.so
/home/xxxxx/.rvm/rubies/ruby-1.9.3-p392/lib/ruby/1.9.1/x86_64-linux/enc/trans/gb18030.so
/home/xxxxx/.rvm/rubies/ruby-2.0.0-p0/lib/ruby/2.0.0/x86_64-linux/enc/gb18030.so
/home/xxxxx/.rvm/rubies/ruby-2.0.0-p0/lib/ruby/2.0.0/x86_64-linux/enc/trans/gb18030.so
/home/xxxxx/.rvm/src/ruby-1.9.3-p392/.ext/x86_64-linux/enc/gb18030.so
/home/xxxxx/.rvm/src/ruby-1.9.3-p392/.ext/x86_64-linux/enc/trans/gb18030.so
/home/xxxxx/.rvm/src/ruby-1.9.3-p392/enc/gb18030.c
/home/xxxxx/.rvm/src/ruby-1.9.3-p392/enc/gb18030.o
/home/xxxxx/.rvm/src/ruby-1.9.3-p392/enc/trans/gb18030-tbl.rb
/home/xxxxx/.rvm/src/ruby-1.9.3-p392/enc/trans/gb18030.c
/home/xxxxx/.rvm/src/ruby-1.9.3-p392/enc/trans/gb18030.o
/home/xxxxx/.rvm/src/ruby-1.9.3-p392/enc/trans/gb18030.trans
/home/xxxxx/.rvm/src/ruby-1.9.3-p392/test/ruby/enc/test_gb18030.rb
/home/xxxxx/.rvm/src/ruby-2.0.0-p0/.ext/x86_64-linux/enc/gb18030.so
/home/xxxxx/.rvm/src/ruby-2.0.0-p0/.ext/x86_64-linux/enc/trans/gb18030.so
/home/xxxxx/.rvm/src/ruby-2.0.0-p0/enc/gb18030.c
/home/xxxxx/.rvm/src/ruby-2.0.0-p0/enc/gb18030.o
/home/xxxxx/.rvm/src/ruby-2.0.0-p0/enc/trans/gb18030-tbl.rb
/home/xxxxx/.rvm/src/ruby-2.0.0-p0/enc/trans/gb18030.c
/home/xxxxx/.rvm/src/ruby-2.0.0-p0/enc/trans/gb18030.o
/home/xxxxx/.rvm/src/ruby-2.0.0-p0/enc/trans/gb18030.trans
/home/xxxxx/.rvm/src/ruby-2.0.0-p0/test/ruby/enc/test_gb18030.rb
/opt/Adobe/Reader9/Resource/TypeSupport/Unicode/icu/ctb_gb18030.cnv
/opt/Adobe/Reader9/Resource/TypeSupport/Unicode/icu/ctl_gb18030.cnv
/usr/lib/gconv/GB18030.so
/usr/lib64/gconv/GB18030.so
/usr/lib64/python2.6/encodings/gb18030.py
/usr/lib64/python2.6/encodings/gb18030.pyc
/usr/lib64/python2.6/encodings/gb18030.pyo
/usr/share/X11/locale/zh_CN.gb18030
/usr/share/X11/locale/zh_CN.gb18030/Compose
/usr/share/X11/locale/zh_CN.gb18030/XI18N_OBJS
/usr/share/X11/locale/zh_CN.gb18030/XLC_LOCALE
/usr/share/i18n/charmaps/GB18030.gz
```

#6 - 2013-05-21 09:24 - Toshi MARUYAMA

According to note-5 outputs, Ruby 1.8.7 uses OS locales.

It seems your OS does not have "gb18030" encoding.

#7 - 2013-05-21 09:27 - huang leo

Toshi MARUYAMA wrote:

According to note-5 outputs, Ruby 1.8.7 uses OS locales.
It seems your OS does not have "gb18030" encoding.

Toshi MARUYAMA wrote:

Please contact your system administrator.
It seems your Ruby is broken.

On my CentOS 6.

[...]

Hi Toshi,

Pls checking this:

```
[~] # irb
irb(main):001:0> require 'iconv'
=> true
irb(main):002:0> ic = Iconv.new("gb18030", "UTF-8")
Iconv::InvalidEncoding: invalid encoding ("gb18030", "UTF-8")
    from (irb):2:in `initialize'
    from (irb):2:in `new'
    from (irb):2
    from :0
irb(main):003:0> ic.iconv(" ")
NoMethodError: undefined method `iconv' for nil:NilClass
    from (irb):3
    from :0
irb(main):004:0>
```

#8 - 2013-05-21 09:31 - Toshi MARUYAMA

huang leo wrote:

```
irb(main):002:0> ic = Iconv.new("gb18030", "UTF-8")
Iconv::InvalidEncoding: invalid encoding ("gb18030", "UTF-8")
```

Obviously, your OS does not have "gb18030" locale.

Please contact your system administrator.

#9 - 2013-05-21 09:56 - huang leo

Toshi MARUYAMA wrote:

huang leo wrote:

```
irb(main):002:0> ic = Iconv.new("gb18030", "UTF-8")
Iconv::InvalidEncoding: invalid encoding ("gb18030", "UTF-8")
```

Obviously, your OS does not have "gb18030" locale.

Please contact your system administrator.

Toshi, Thx!

We are using QNAP NAS server as our redmine server, and it's running a customized Linux OS.