

Redmine - Defect #24910

Issue processing UTF7 mails

2017-01-23 22:12 - Falk Eckert

Status:	New	Start date:	
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:	Email receiving	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:			
Description			
<p>Hello,</p> <p>we have an issue with processing UTF7 mails:</p> <p>exception: code converter not found (UTF-7 to UTF-8)</p> <pre>["/srv/redmine/public_html/lib/redmine/codeset_util.rb:25:in `encode'", "/srv/redmine/public_html/lib/redmine/codeset_util.rb:25:in `to_utf8'"]</pre> <p>Are there any ideas to solve this issue?</p> <p>Thx Falk</p>			

History

#1 - 2017-01-24 02:47 - Go MAEDA

- Category set to Email receiving

#2 - 2017-01-24 04:37 - Toshi MARUYAMA

```
$ cat /etc/redhat-release
```

```
CentOS Linux release 7.3.1611 (Core)
```

```
$ irb
```

```
1.9.3-p551 :001 > str = "test".force_encoding("UTF-7")
```

```
=> "\x74\x65\x73\x74"
```

```
1.9.3-p551 :002 > str = str.encode("UTF-8", :invalid => :replace, :undef => :replace, :replace => '?')
```

```
Encoding::ConverterNotFoundError: code converter not found (UTF-7 to UTF-8)
```

```
from (irb):2:in `encode'
```

```
from (irb):2
```

```
from /home/xxxx/.rvm/rubies/ruby-1.9.3-p551/bin/irb:12:in `'
```

#3 - 2017-01-24 04:51 - Toshi MARUYAMA

- Priority changed from Normal to Low

It seems Ruby does not have UTF-7 converter.

"Code converter not found (UTF-8 to EUC-TW)": <https://bugs.ruby-lang.org/issues/6995>

#4 - 2017-04-06 05:30 - Fred Sanger

This [encyclopedia](#) article for UTF7 seems to be a good place to start

#5 - 2017-04-07 22:48 - Pavel Rosický

@Toshi: utf-7 is relevant only for email processing. Ruby still supports it, but it's a little bit tricky. This will work:

```
require "net/imap"  
Net::IMAP.decode_utf7(mail_body)
```

#6 - 2020-09-14 13:28 - Karel Pičman

- *File converter_not_found.patch added*

The same problem with *Windows-1258*. Attached patch should cover all not supported code pages.

#7 - 2020-09-14 13:55 - Pavel Rosický

@karel

could you add a more realistic test case with an email as a fixture?

https://github.com/redmine/redmine/blob/3ac569c4d8c8b04a9cc33e3c2a05f8553d99827e/test/unit/mail_handler_test.rb#L542

it should be already fixed by

<https://github.com/mikel/mail/pull/1112>

#8 - 2020-09-17 14:38 - Karel Pičman

- *File converter_not_found2.patch added*

A test with a real Vietnamese email added into the patch.

Files

converter_not_found.patch	1.45 KB	2020-09-14	Karel Pičman
converter_not_found2.patch	2.78 KB	2020-09-17	Karel Pičman