

Redmine - Defect #34831

Unnecessary encoded CR characters in mails

2021-03-03 16:44 - Albrecht Dreß

Status:	Resolved	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Email notifications	Estimated time:	0.00 hour
Target version:		Affected version:	4.0.7
Resolution:			
Description			
<p>I noticed that Redmine adds unnecessary CR (0x0d) characters to mail texts which may confuse some MUA's, e.g. (note the qp encoded "=0D", not to be confused with the regular CRLF line endings required by RFC 5322, indicated by "\r"):</p> <pre>-----=_mimepart_603f956964fe8_7c03fdcbf1d3464612fe\r Content-Type: text/plain;\r charset=UTF-8\r Content-Transfer-Encoding: quoted-printable\r \r Ticket #3814 wurde erstellt von Albrecht Dre=C3=9F.=0D\r =0D\r -----=0D\r Feature #3814: Diskussion=0D\r https://web.my.org/redmine/issues/3814=0D\r =0D\r * Autor: Albrecht Dre=C3=9F=0D\r</pre> <p>Is it possible to get rid of them? Where should I look in the sources? I run Redmine 4.0.7 on a Debian Buster system, installed from Debian Backports.</p>			

History

#1 - 2021-03-03 18:13 - Pavel Rosický

sources are here <https://github.com/mikel/mail> it's a dependency of Redmine.

The result looks buggy to me, but there was no release in 3 years, so I wouldn't expect much even if you have a fix.

#2 - 2021-12-01 14:44 - Albrecht Dreß

- Status changed from New to Resolved

Sorry for the late reply – I meanwhile found time to dig into this issue, and it appears that it's actually related to [mail issue 1325](#). The issue seems to occur *only* if the message body contains non-ASCII characters (e.g. German "Umlaut" chars like ä). The ruby-mail version (on Debian Buster) is [2.7.1](#).

Simply creating the file `/usr/share/redmine/config/initializers/99_fix_mail_crlf.rb` containing

```
module Mail
  module Encodings
    class QuotedPrintable < SevenBit
      def self.encode(str)
        ::Mail::Utilities.to_crlf([:Mail::Utilities.to_lf(str)].pack("M"))
      end
    end
  end
end
```

and restarting Apache results in properly formatted messages for me (afaict).