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:				
Resolution:			**Affected version:**	4.0.7

Description

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"):

```
------=_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
```

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.

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).