Ruby trunk - Feature #11629
Implement Enhanced Mail System Status Codes (rfc1893)
10/28/2015 10:38 AM - rupert (Robert Pankowecki)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Open</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
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<tr>
<td>Assignee:</td>
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<td>Target version:</td>
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**Description**

Here is a list of exceptions raised by net/smtp.rb

```ruby
def exception_class
  case @status
  when /:\A4/ then SMTPServerBusy
  when /:\A50/ then SMTPSyntaxError
  when /:\A53/ then SMTPAuthenticationError
  when /:\A5/  then SMTPFatalError
  else            SMTPUnknownError
  end
end
```

When the server responds with Net::SMTPServerBusy: 401 4.1.3 Bad recipient address syntax it raises SMTPServerBusy where it could use the enhanced information and throw a more specific error such as BadMailboxAddressSyntax based on what the RFC says:

**X.1.3** Bad destination mailbox address syntax

The destination address was syntactically invalid.  This can apply to any field in the address.  This code is only useful for permanent failures.

Then it would be easier for the client to catch such specific exceptions and handle them properly instead of dealing with more general ones.