

Redmine - Feature #23011

Purpose of MESSAGE_ID_RE in mail_handler.rb

2016-06-08 10:39 - Alexander Herr

Status: Closed	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Resolution:	
Description	
In `dispatch` of `app/models/mail_handler.rb` a global named `MESSAGE_ID_RE` is used, which is defined as the regular expression:	
<pre>MESSAGE_ID_RE = %r{^<?redmine\.([a-z0-9_]+)\-(\d+)\.\d+(\.[a-f0-9]+)?@}</pre>	
The conditional in `dispatch` does the following:	
<pre>if headers.detect { h h.to_s =~ MESSAGE_ID_RE} klass, object_id = \$1, \$2.to_i method_name = "receive_#{klass}_reply" if self.class.private_instance_methods.collect(&:to_s).include?(method_name) send method_name, object_id else # ignoring it end end</pre>	
end	
The purpose of this global (and its conditional in `dispatch`) isn't quite clear to me, as it is also lacking comments. I suspect that it looks for redmine's own e-mail-address and then calls a supplied method?	
Why should redmine talk to itself through e-mails in such a way? What if I change redmine's e-mail-address to something not containing redmine? What will break (if anything)?	
We recently changed the naming of our redmine instance (both the domain-name and the e-mail-address now do not contain redmine) to something more obvious for non-tech folk. We would hate to have broken something by that change.	

History

#1 - 2016-06-08 19:25 - Jean-Philippe Lang

- Status changed from New to Closed

Redmine doesn't talk to itself by email. This regexp is used to parse the In-Reply-To and References headers when a user replies to a Redmine notification in order to know to which object (issue or message) the user is replying:

1. Redmine sends a notification (eg. issue X is created)
2. A user replies to this notification
3. Redmine detects that this is a reply to issue X and appends the message as a note to issue X

It doesn't match the host part of the message id, so changing your hostname should not have any effects on this.

#2 - 2016-06-08 19:27 - Toshi MARUYAMA

- Description updated

#3 - 2016-06-08 19:46 - Alexander Herr

And what if not only the domain does not contain redmine but the e-mail-name as well? I.e. instead of redmine@domain.com its ticket@domain.com. Does that break the above?

#4 - 2016-06-08 21:39 - Jean-Philippe Lang

Alexander Herr wrote:

And what if not only the domain does not contain redmine but the e-mail-name as well? I.e. instead of redmine@domain.com its ticket@domain.com. Does that break the above?

No

#5 - 2016-06-08 21:41 - Jean-Philippe Lang

This regexp is not for parsing email addresses but message ids which are always generated by Redmine in this way: <redmine-xxx@xxx>, whatever your host name or email address is (see Mailer#message_id_for and Mailer#token_for).