

Redmine - Defect #9769

receive_imap rake task hangs if it couldn't connect to the IMAP server

2011-12-10 20:24 - aruseni magiku

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Email receiving	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Cant reproduce		

Description

If the receive_imap rake task is not able to connect to the IMAP server, it just hangs, instead of returning an error message (e.g. you can try to connect to GMail without using SSL, on the standard port 143).

And when it connects (in case with GMail, when you change the arguments to use SSL), it can return you the "Invalid Credentials", even if the correct password was specified. The reason of such behavior is some symbols, such as "\$". The rake task only transmits the first part of the password, before such symbols. And if you screen them with backslashes ("\\$"), the password starts to work (and the rake task works correctly).

For GMail, I was able to find this out using stunnel (which connected to GMail via SSL, and opened a port on localhost to make unsecure connections to the tunnel). Then I used localhost as the IMAP server in the rake task, and captured the password using dsniff -i lo.

History

#1 - 2011-12-11 11:11 - Jean-Philippe Lang

- *Resolution set to Cant reproduce*

aruseni magiku wrote:

If the receive_imap rake task is not able to connect to the IMAP server, it just hangs, instead of returning an error message

It doesn't hang for me:

```
>rake redmine:email:receive_imap HOST=localhost
rake aborted!
Aucune connexion n'a pu être établie car l'ordinateur cible l'a expressément ref
usée. - connect(2)

Tasks: TOP => redmine:email:receive_imap
(See full trace by running task with --trace)
```

#2 - 2011-12-11 16:51 - aruseni magiku

Jean-Philippe Lang wrote:

aruseni magiku wrote:

If the receive_imap rake task is not able to connect to the IMAP server, it just hangs, instead of returning an error message

It doesn't hang for me:

[...]

Hmm, I see. Let me try to provide more detailed information.

gem list:

```
*** LOCAL GEMS ***
```

```
actionmailer (2.3.11)
actionpack (2.3.11)
```

```
activerecord (2.3.11)
activeresource (2.3.11)
activesupport (2.3.11)
Ascii85 (1.0.1)
daemon_controller (0.2.6)
fastthread (1.0.7)
holidays (1.0.2)
i18n (0.4.2)
icalendar (1.1.6)
nokogiri (1.5.0)
open-uri-cached (0.0.4)
passenger (3.0.8)
pdf-reader (0.10.0)
prawn (0.11.1)
rack (1.1.1)
rails (2.3.11)
rake (0.9.2)
rmagick (2.13.1)
ttfunk (1.0.1)
```

Redmine version: v1.2.1

Rake task call (before enabling SSL) was the following:

```
rake -v -f /usr/lib/redmine/Rakefile redmine:email:receive_imap RAILS_ENV="production" host=imap.gmail.com use
rname=redmine@[domain] password="[password]"
```

The output of such task was this:

```
rake/rdoctask is deprecated. Use rdoc/task instead (in RDoc 2.4.2+)
WARNING: 'task :t, arg, :needs => [deps]' is deprecated. Please use 'task :t, [args] => [deps]' instead.
at /usr/lib/redmine/lib/tasks/email.rake:170
```

Then, the task was hanging.

Also, how about the password transmission (in case it has various special symbols)? Did you test this, too?