

Redmine - Defect #15025

Receive IMAP error on empty mailbox

2013-10-02 08:47 - Toshi MARUYAMA

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Email receiving	Estimated time:	0.00 hour
Target version:		Affected version:	2.3.3
Resolution:	Cant reproduce		
Description			
From #14101#note-3 .			
<pre>sudo -u redmine bundle exec rake -f /var/lib/redmine/Rakefile redmine:email:receive_imap RAILS_ENV="production" host=imap.yandex.ru ssl=YES username=username@deziigner.ru password=password project=project1 no_permission_check=1 unknown_user=accept port=993 --trace ** Invoke redmine:email:receive_imap (first_time) ** Invoke environment (first_time) ** Execute environment ** Execute redmine:email:receive_imap rake aborted! undefined method `[]' for nil:NilClass /usr/lib64/ruby/1.9.1/net/imap.rb:1332:in `block in search_internal' /usr/lib64/ruby/1.9.1/monitor.rb:211:in `mon_synchronize' /usr/lib64/ruby/1.9.1/net/imap.rb:1326:in `search_internal' /usr/lib64/ruby/1.9.1/net/imap.rb:757:in `uid_search' /var/lib/redmine/lib/redmine/imap.rb:32:in `check' /var/lib/redmine/lib/tasks/email.rake:141:in `block (3 levels) in <top (required)>' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/task.rb:236:in `call' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/task.rb:236:in `block in execute' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/task.rb:231:in `each' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/task.rb:231:in `execute' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/task.rb:175:in `block in invoke_with_call_chain' /usr/lib64/ruby/1.9.1/monitor.rb:211:in `mon_synchronize' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/task.rb:168:in `invoke_with_call_chain' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/task.rb:161:in `invoke' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/application.rb:149:in `invoke_task' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/application.rb:106:in `block (2 levels) in top_level' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/application.rb:106:in `each' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/application.rb:106:in `block in top_level' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/application.rb:115:in `run_with_threads' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/application.rb:100:in `top_level' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/application.rb:78:in `block in run' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/application.rb:165:in `standard_exception_handling' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/lib/rake/application.rb:75:in `run' /var/lib/redmine/vendor/bundle/ruby/1.9.1/gems/rake-10.1.0/bin/rake:33:in `<top (required)>' /var/lib/redmine/vendor/bundle/ruby/1.9.1/bin/rake:23:in `load' /var/lib/redmine/vendor/bundle/ruby/1.9.1/bin/rake:23:in `<main>' Tasks: TOP => redmine:email:receive_imap</pre>			
Configuration:			

```
Environment:
  Redmine version      2.3.3.stable
  Ruby version         1.9.3-p448 (2013-06-27) [x86_64-linux]
  Rails version        3.2.13
  Environment          production
  Database adapter     Mysql2
Redmine plugins:
  no plugin installed
```

History

#1 - 2013-10-20 18:27 - Jean-Philippe Lang

- Resolution set to Cant reproduce

#2 - 2014-02-23 13:00 - Danila Sukharev

Still reproducible for me.

Rakefile --trace redmine:email:receive_imap RAILS_ENV="production" host=imap.yandex.ru port=993 ssl=1 username=XXX@XXX.XX password=XXX project=xxx

```
Environment:
  Redmine version      2.4.3.stable
  Ruby version         1.8.7-p358 (2012-02-08) [x86_64-linux]
  Rails version        3.2.16
  Environment          production
  Database adapter     Mysql2
```

```
SCM:
  Subversion          1.6.11
  Git                 1.7.4.1
  Filesystem
```

```
Redmine plugins:
  no plugin installed
```

```
** Invoke redmine:email:receive_imap (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute redmine:email:receive_imap
rake aborted!
undefined method `[]' for nil:NilClass
/usr/local/ruby1.8.7ee/lib/ruby/1.8/net/imap.rb:1184:in `search_internal'
/usr/local/ruby1.8.7ee/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/local/ruby1.8.7ee/lib/ruby/1.8/net/imap.rb:1178:in `search_internal'
/usr/local/ruby1.8.7ee/lib/ruby/1.8/net/imap.rb:686:in `uid_search'
/home/mambet/webapps/redmine2/redmine/lib/redmine/imap.rb:32:in `check'
/home/mambet/webapps/redmine2/redmine/lib/tasks/email.rake:125
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/task.rb:236:in `call'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/task.rb:236:in `execute'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/task.rb:231:in `each'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/task.rb:231:in `execute'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/task.rb:175:in `invoke_with_call_chain'
/usr/local/ruby1.8.7ee/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/task.rb:168:in `invoke_with_call_chain'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/task.rb:161:in `invoke'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/application.rb:149:in `invoke_task'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/application.rb:106:in `top_level'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/application.rb:106:in `each'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/application.rb:106:in `top_level'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/application.rb:115:in `run_with_threads'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/application.rb:100:in `top_level'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/application.rb:78:in `run'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/application.rb:165:in `standard_exception_handling'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/lib/rake/application.rb:75:in `run'
/home/mambet/webapps/redmine2/gems/gems/rake-10.1.1/bin/rake:33
/home/mambet/webapps/redmine2/bin/rake:19:in `load'
/home/mambet/webapps/redmine2/bin/rake:19
Tasks: TOP => redmine:email:receive_imap
```

#3 - 2014-09-26 05:32 - Sunding Wei

Reproducible for me, I tested on 2.3-stable, 2.5-stable and master, using a empty mail box, would you please fix this?

```
#!/bin/sh
rake \
  -f /home/website/redmine/Rakefile \
  --trace \
  redmine:email:receive_imap \
  RAILS_ENV="production" \
  host=imap.qq.com username=redmine@dingding.com password=xxxxx
```

Error

```
root@R720:/home/website/redmine# ./check_mail.sh
** Invoke redmine:email:receive_imap (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute redmine:email:receive_imap
rake aborted!
NoMethodError: undefined method `[]' for nil:NilClass
/usr/lib/ruby/1.9.1/net/imap.rb:1332:in `block in search_internal'
/usr/lib/ruby/1.9.1/monitor.rb:211:in `mon_synchronize'
/usr/lib/ruby/1.9.1/net/imap.rb:1326:in `search_internal'
/usr/lib/ruby/1.9.1/net/imap.rb:757:in `uid_search'
/home/website/redmine/lib/redmine/imap.rb:32:in `check'
/home/website/redmine/lib/tasks/email.rake:128:in `block (4 levels) in <top (required)>'
/home/website/redmine/app/models/mailer.rb:367:in `with_synched_deliveries'
/home/website/redmine/lib/tasks/email.rake:127:in `block (3 levels) in <top (required)>'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/task.rb:240:in `call'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/task.rb:240:in `block in execute'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/task.rb:235:in `each'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/task.rb:235:in `execute'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/task.rb:179:in `block in invoke_with_call_chain'
/usr/lib/ruby/1.9.1/monitor.rb:211:in `mon_synchronize'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/task.rb:172:in `invoke_with_call_chain'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/task.rb:165:in `invoke'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/application.rb:150:in `invoke_task'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/application.rb:106:in `block (2 levels) in top_level'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/application.rb:106:in `each'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/application.rb:106:in `block in top_level'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/application.rb:115:in `run_with_threads'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/application.rb:100:in `top_level'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/application.rb:78:in `block in run'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/application.rb:176:in `standard_exception_handling'
/var/lib/gems/1.9.1/gems/rake-10.3.2/lib/rake/application.rb:75:in `run'
/var/lib/gems/1.9.1/gems/rake-10.3.2/bin/rake:33:in `<top (required)>'
/usr/local/bin/rake:23:in `load'
/usr/local/bin/rake:23:in `<main>'
Tasks: TOP => redmine:email:receive_imap
```

#4 - 2014-10-21 15:34 - Alex Moroz

2.6-stable also have this error. It reproducing if mailbox is empty.

#5 - 2014-12-09 12:03 - Matt O

Same here, but only when using SSL/993 on a mailbox with no unread Mails.

```
Environment:
  Redmine version      2.6.0.stable
  Ruby version         1.9.3-p194 (2012-04-20) [x86_64-linux]
  Rails version        3.2.19
  Environment          production
  Database adapter     PostgreSQL
```

#6 - 2015-08-05 03:22 - Anguo Zhao

```
/usr/share/redmine/lib/redmine/imap.rb
```

Line 32:

```
...
  imap.select(folder)
+   begin
```

```
+      unreadmessages = imap.uid_search(['NOT', 'SEEN'])
+      puts unreadmessages if unreadmessages.length > 0
+      rescue
+        puts "No new message..."
+        exit
+      end

+      unreadmessage.each do |uid|
-      imap.uid_search(['NOT', 'SEEN']).each do |uid|
...

```

#7 - 2018-04-20 06:12 - Mihai Kelemen

I can confirm the same behavior: using SSL on 993 (with SmarterMail) with no unread emails, throws error 500.

```
NoMethodError (undefined method `[]' for nil:NilClass):
  lib/redmine/imap.rb:36:in `check'
...
```

For the moment I'm using the solution proposed by Anguo Zhao in his [comment](#) above, with a note: instead of `unreadmessage.each do |uid|` should read `unreadmessages.each do |uid|`

Later edit: works with GSuite.