

Redmine 0.8.4.stableから 0.9.3へのアップグレード

2010年03月14日 04時39分58秒

これはなに？

Redmine 0.8.4.stableから0.9.3へアップグレードする手順のメモ。正確性の保証は無い。

railsのアップグレード

まずは railsのアップグレード。

```
redmine# gem update rails
Updating installed gems
Updating rails
Successfully installed activesupport-2.3.5
Successfully installed activerecord-2.3.5
Successfully installed rack-1.0.1
Successfully installed actionpack-2.3.5
Successfully installed actionmailer-2.3.5
Successfully installed activereource-2.3.5
Successfully installed rails-2.3.5
Gems updated: activesupport, activerecord, rack, actionpack, actionmailer,
activereource, rails
Installing ri documentation for activesupport-2.3.5...
Installing ri documentation for activerecord-2.3.5...
Installing ri documentation for rack-1.0.1...
Installing ri documentation for actionpack-2.3.5...
Installing ri documentation for actionmailer-2.3.5...
Installing ri documentation for activereource-2.3.5...
Installing ri documentation for rails-2.3.5...
Installing RDoc documentation for activesupport-2.3.5...
Installing RDoc documentation for activerecord-2.3.5...
Installing RDoc documentation for rack-1.0.1...
Installing RDoc documentation for actionpack-2.3.5...
Installing RDoc documentation for actionmailer-2.3.5...
Installing RDoc documentation for activereource-2.3.5...
Installing RDoc documentation for rails-2.3.5...
redmine#
```

多分成功。

redmine 0.9.3 を取得

http://rubyforge.org/frs/?group_id=1850 からどうぞ。

```
redmine# fetch
http://rubyforge.org/frs/download.php/69449/redmine-0.9.3.tar.gz
redmine-0.9.3.tar.gz          100% of 4480 kB  166 kBps
00m00s
redmine# tar xvfz redmine-0.9.3.tar.gz
-- 中略 --
x redmine-0.9.3/test/functional/projects_controller_test.rb
x redmine-0.9.3/test/functional/issues_controller_test.rb
x redmine-0.9.3/test/functional/users_controller_test.rb
x redmine-0.9.3/test/functional/sys_controller_test.rb
redmine# ll
total 4518
drwxr-xr-x  11 radiant  custom      512  8  9  2009 radiant
drwxr-xr-x   9 redmine  custom      512  6 23  2009 redmine
drwxr-xr-x  15 1000    1000       512  2 28 19:28 redmine-0.9.3
-rw-r--r--   1 root    wheel    4587740  2 28 19:32 redmine-0.9.3.tar.gz
redmine#
```

アップグレード作業

<http://redmine.jp/guide/RedmineUpgrade> を読んでアップグレードませう。

config/database.yml 設定

データベースへの接続定義。

```
redmine# diff -c redmine/config/database.yml
redmine-0.9.3/config/database.yml.example
*** redmine/config/database.yml 2009-06-07 14:51:25.000000000 +0900
--- redmine-0.9.3/config/database.yml.example 2010-02-28
19:28:08.000000000 +0900
*****
*** 6,25 ****
# And be sure to use new-style password hashing:
#   http://dev.mysql.com/doc/refman/5.0/en/old-client.html

- #production:
- #  adapter: mysql
- #  database: redmine
- #  host: localhost
- #  username: root
- #  password:
- #  encoding: utf8
```

```
-
  production:
!   adapter: xxxxx
!   database: xxxxx
!   host: xxx.xxx.xxx.xxx
!   username: xxx
!   password: "xxx"
!   encoding: utf8

  development:
--- 6,17 ----
# And be sure to use new-style password hashing:
#   http://dev.mysql.com/doc/refman/5.0/en/old-client.html

  production:
!   adapter: mysql
!   database: redmine
!   host: localhost
!   username: root
!   password:
!   encoding: utf8

  development:
*****
*** 47,55 ****

  test_sqlite3:
!   adapter: sqlite3
!   dbfile: db/test.db
!
! demo:
!   adapter: sqlite3
!   dbfile: db/demo.db
!
--- 39,42 ----

  test_sqlite3:
!   adapter: sqlite3
!   database: db/test.db
redmine# cp redmine/config/database.yml redmine-0.9.3/config/
redmine#
```

差分的にまるっとコピーでよいかなこれなら。

config/email.yml の設定

メール配信の設定。

```
redmine# diff -c redmine/config/email.yml
redmine-0.9.3/config/email.yml.example
```

```
*** redmine/config/email.yml      2009-06-07 14:54:55.000000000 +0900
--- redmine-0.9.3/config/email.yml.example      2010-02-28
19:28:08.000000000 +0900
*****
*** 1,14 ***
! # Outgoing email settings

production:
  delivery_method: :smtp
  smtp_settings:
!   address: xxxx.xxxx.xxxx
!   port: xxx
!   domain: xxxxx.xxxx.xxxx.xx
!   authentication: :login
!   user_name: xxxxxxxx
!   password: xxxxxxxx

development:
  delivery_method: :smtp
--- 1,80 ----
! # = Outgoing email settings
! #
! # Each environment has it's own configuration options.  If you are only
! # running in production, only the production block needs to be configured.
! #
! # == Common configurations
! #
! # === Sendmail command
! #
! # production:
! #   delivery_method: :sendmail
! #
! # === Simple SMTP server at localhost
! #
! # production:
! #   delivery_method: :smtp
! #   smtp_settings:
! #     address: "localhost"
! #     port: 25
! #
! # === SMTP server at example.com using LOGIN authentication and checking
HELO for foo.com
! #
! # production:
! #   delivery_method: :smtp
! #   smtp_settings:
! #     address: "example.com"
! #     port: 25
! #     authentication: :login
! #     domain: 'foo.com'
! #     user_name: 'myaccount'
```

```
! # password: 'password'
! #
! # === SMTP server at example.com using PLAIN authentication
! #
! # production:
! #   delivery_method: :smtp
! #   smtp_settings:
! #     address: "example.com"
! #     port: 25
! #     authentication: :plain
! #     domain: 'example.com'
! #     user_name: 'myaccount'
! #     password: 'password'
! #
! # === SMTP server at using TLS (GMail)
! #
! # This requires some additional configuration. See the article at:
! # http://redmineblog.com/articles/setup-redmine-to-send-email-using-gmail/
! #
! # production:
! #   delivery_method: :smtp
! #   smtp_settings:
! #     tls: true
! #     address: "smtp.gmail.com"
! #     port: 587
! #     domain: "smtp.gmail.com" # 'your.domain.com' for GoogleApps
! #     authentication: :plain
! #     user_name: "your_email@gmail.com"
! #     password: "your_password"
! #
! #
! # == More configuration options
! #
! # See the "Configuration options" at the following website for a list of
the
! # full options allowed:
! #
! # http://wiki.rubyonrails.org/rails/pages/HowToSendEmailsWithActionMailer

production:
  delivery_method: :smtp
  smtp_settings:
!   address: smtp.example.net
!   port: 25
!   domain: example.net
!   authentication: :login
!   user_name: "redmine@example.net"
!   password: "redmine"

development:
  delivery_method: :smtp
```

```
*****
*** 17,21 ***
    port: 25
    domain: example.net
    authentication: :login
!   user_name: redmine@example.net
!   password: redmine
--- 83,87 ----
    port: 25
    domain: example.net
    authentication: :login
!   user_name: "redmine@example.net"
!   password: "redmine"
redmine#
redmine# cp redmine-0.9.3/config/email.yml.example
redmine-0.9.3/config/email.yml
redmine# vi redmine-0.9.3/config/email.yml
```

こっちはコピーして書き直した方がよさげだ。

そうそう、http://blog.redmine.jp/articles/redmine-0_9-async-smtp/ な話があるので興味があればそちらの設定でもいいかもしれない。

マイグレーション rake db:migrate RAILS_ENV="production"

```
redmine# mv redmine redmine.old
redmine# mv redmine-0.9.3 redmine
redmine# cd redmine
redmine# rake db:migrate RAILS_ENV="production"
(in /usr/home/redmine/redmine)
rake aborted!
A key is required to write a cookie containing the session data. Use
config.action_controller.session = { :key => "_myapp_session", :secret =>
"some secret phrase" } in config/environment.rb

(See full trace by running task with --trace)
redmine#
```

きたきた。エラーでございます。

じつはこれ、解決の仕方がちゃんと記載されています。

http://redmine.jp/tech_note/install/ のセッション暗号化用鍵の生成がそれ。

```
redmine# rake config/initializers/session_store.rb
(in /usr/home/redmine/redmine)
redmine#
```

これが出来たらもう一度。

```
redmine# rake db:migrate RAILS_ENV="production"
(in /usr/home/redmine/redmine)
```

```
-- 中略 --

== AddIndexesToIssueStatus: migrating
=====
-- add_index(:issue_statuses, :position)
  -> 0.0023s
-- add_index(:issue_statuses, :is_closed)
  -> 0.0021s
-- add_index(:issue_statuses, :is_default)
  -> 0.0018s
== AddIndexesToIssueStatus: migrated (0.0065s)
=====

== RemoveEnumerationsOpt: migrating
=====
-- remove_column(:enumerations, :opt)
  -> 0.0010s
== RemoveEnumerationsOpt: migrated (0.0012s)
=====

== ChangeWikiContentsTextLimit: migrating
=====
== ChangeWikiContentsTextLimit: migrated (0.0000s)
=====

== AddIndexOnChangesetsScmid: migrating
=====
-- add_index(:changesets, [:repository_id, :scmid],
{:name=>:changesets_repos_scmid})
  -> 0.0024s
== AddIndexOnChangesetsScmid: migrated (0.0025s)
=====

redmine#
```

無事終了。

添付ファイル群のコピー

```
redmine# cp -R redmine.old/files/ redmine/files/
redmine#
```

passenger更新とhttpd.conf書き換え

早速アクセスしてみると...あれ動いていねえ。そういやpassenger使ってたっけかな。

```
redmine# gem install passenger
Building native extensions. This could take a while...
Successfully installed passenger-2.2.11
```

```
1 gem installed
Installing ri documentation for passenger-2.2.11...
Installing RDoc documentation for passenger-2.2.11...
redmine#
redmine# passenger-install-apache2-module
Welcome to the Phusion Passenger Apache 2 module installer, v2.2.11.

This installer will guide you through the entire installation process. It
shouldn't take more than 3 minutes in total.

Here's what you can expect from the installation process:

1. The Apache 2 module will be installed for you.
2. You'll learn how to configure Apache.
3. You'll learn how to deploy a Ruby on Rails application.

Don't worry if anything goes wrong. This installer will advise you on how to
solve any problems.

Press Enter to continue, or Ctrl-C to abort.

-----

Checking for required software...

* GNU C++ compiler... found at /usr/bin/g++
* Ruby development headers... found
* OpenSSL support for Ruby... found
* RubyGems... found
* Rake... found at /usr/local/bin/rake
* rack... found
* Apache 2... found at /usr/local/sbin/httpd
* Apache 2 development headers... found at /usr/local/sbin/apxs
* Apache Portable Runtime (APR) development headers... found at
/usr/local/bin/apr-1-config
* Apache Portable Runtime Utility (APU) development headers... found at
/usr/local/bin/apu-1-config

-----

Compiling and installing Apache 2 module...
cd /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.11
/usr/local/bin/ruby18 -S /usr/local/bin/rake clean apache2
# /usr/local/bin/ruby18 -S /usr/local/bin/rake clean apache2
(in /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.11)
rm -rf ext/apache2/libboost_oxt.a ext/apache2/libboost_oxt
rm -rf ext/apache2/libpassenger_common.a
ext/apache2/ApplicationPoolServerExecutable ext/apache2/libpassenger_common
rm -rf ext/apache2/Configuration.o ext/apache2/Bucket.o ext/apache2/Hooks.o
ext/apache2/mod_passenger.o ext/apache2/mod_passenger.so
rm -rf ext/nginx/libboost_oxt.a ext/nginx/libboost_oxt
rm -rf ext/nginx/libpassenger_common.a ext/nginx/libpassenger_common
```

```
rm -rf ext/nginx/HelperServer
rm -rf test/libboost_oxt.a test/libboost_oxt
rm -rf test/libpassenger_common.a test/ApplicationPoolServerExecutable
test/libpassenger_common
rm -rf test/oxt/oxt_test_main test/oxt/*.o test/CxxTests test/*.o
rm -r pkg
cd ext/phusion_passenger && make clean
rm -f ext/phusion_passenger/Makefile
mkdir -p ext/apache2/libpassenger_common
g++ -Iext -Iext/common -fPIC -I/usr/local/include/apr-1 -
I/usr/local/include/apr-1 -I/usr/local/include -pipe -I/usr/include -
LDAP_DEPRECATED -fno-strict-aliasing -I/usr/local/include/apache22 -
D_REENTRANT -I/usr/local/include -Wall -g -DPASSENGER_DEBUG -
DBOOST_DISABLE_ASSERTS -o ext/apache2/libpassenger_common/Utils.o -c
ext/common/Utils.cpp
g++ -Iext -Iext/common -fPIC -I/usr/local/include/apr-1 -
I/usr/local/include/apr-1 -I/usr/local/include -pipe -I/usr/include -
LDAP_DEPRECATED -fno-strict-aliasing -I/usr/local/include/apache22 -
D_REENTRANT -I/usr/local/include -Wall -g -DPASSENGER_DEBUG -
DBOOST_DISABLE_ASSERTS -o ext/apache2/libpassenger_common/Logging.o -c
ext/common/Logging.cpp
g++ -Iext -Iext/common -fPIC -I/usr/local/include/apr-1 -
I/usr/local/include/apr-1 -I/usr/local/include -pipe -I/usr/include -
LDAP_DEPRECATED -fno-strict-aliasing -I/usr/local/include/apache22 -
D_REENTRANT -I/usr/local/include -Wall -g -DPASSENGER_DEBUG -
DBOOST_DISABLE_ASSERTS -o ext/apache2/libpassenger_common/SystemTime.o -c
ext/common/SystemTime.cpp

-- 中略 --

cd ext/phusion_passenger && make
cc -I. -I/usr/local/lib/ruby/1.8/amd64-freebsd8 -
I/usr/local/lib/ruby/1.8/amd64-freebsd8 -I. -fPIC -O2 -pipe -fno-strict-
aliasing -fPIC -c native_support.c
cc -shared -o native_support.so native_support.o -L. -L/usr/local/lib -Wl,-
R/usr/local/lib -L. -rdynamic -Wl,-soname,native_support.so -Wl,-R -
Wl,/usr/local/lib -L/usr/local/lib -lruby18

-----
The Apache 2 module was successfully installed.

Please edit your Apache configuration file, and add these lines:

    LoadModule passenger_module
    /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.11/ext/apache2/mod_passenger
    .so
    PassengerRoot /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.11
    PassengerRuby /usr/local/bin/ruby18

After you restart Apache, you are ready to deploy any number of Ruby on
Rails
```

applications on Apache, without any further Ruby on Rails-specific configuration!

Press ENTER to continue.

Deploying a Ruby on Rails application: an example

Suppose you have a Rails application in /somewhere. Add a virtual host to your Apache configuration file and set its DocumentRoot to /somewhere/public:

```
<VirtualHost *:80>
  ServerName www.yourhost.com
  DocumentRoot /somewhere/public # <-- be sure to point to 'public'!
  <Directory /somewhere/public>
    AllowOverride all # <-- relax Apache security settings
    Options -MultiViews # <-- MultiViews must be turned off
  </Directory>
</VirtualHost>
```

And that's it! You may also want to check the Users Guide for security and optimization tips, troubleshooting and other useful information:

[/usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.11/doc/Users guide Apache.html](/usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.11/doc/Users%20guide%20Apache.html)

Enjoy Phusion Passenger, a product of Phusion (www.phusion.nl) :-)
<http://www.modrails.com/>

Phusion Passenger is a trademark of Hongli Lai & Ninh Bui.
redmine#

httpd.conf 書き換えして apache 再起動して...動きました。

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