

Redmine - Feature #2628

Set session store to cookie store by default

2009-01-30 17:59 - micah anderson

Status: Closed	Start date: 2009-01-30
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version: 0.9.0	
Resolution: Fixed	

Description

It was said that in .7 that session store would be set to 'cookie store' by default over in this forum post: <http://www.redmine.org/boards/2/topics/show/150>

However, the .8 version still has this set in environment.rb:

```
# Use the database for sessions instead of the file system
# (create the session table with 'rake db:sessions:create')
# config.action_controller.session_store = :active_record_store
config.action_controller.session_store = :PStore
```

I'm getting tens of thousands of sessions in my temporary directory daily. I clean them out with tmpreaper, but it seems better to stick them in the cookie store instead.

perhaps there is a reason why this hasn't been set?

Related issues:

Has duplicate Redmine - Defect #3441: Too many session files	Closed	2009-06-03
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History

#1 - 2009-01-30 18:51 - Jean-Philippe Lang

Setting cookie store by default is not so trivial since it requires a secret. I never took the time to automate the process of generating a key at the first application start.

#2 - 2009-02-03 00:54 - Eric Davis

Mephisto has a rake task to automatically create a one. It's MIT licensed so we should be able to just use it:

http://github.com/emk/mephisto/blob/1473acf8307ec21d2002acab94691841d8003580/lib/tasks/session_store.rake

```
file 'config/initializers/session_store.rb' do
  path = File.join(RAILS_ROOT, 'config', 'initializers', 'session_store.rb')
  File.open(path, 'w') do |f|
    f.write <<"EOD"
# This file was generated by 'rake config/initializers/session_store.rb',
# and should not be made visible to public. Do not check it into github!
# If you have a load-balancing Mephisto cluster, you will need to use the
# same version of this file on each machine. And be sure to restart your
# server when you modify this file.

# Your secret key for verifying cookie session data integrity. If you
# change this key, all old sessions will become invalid! Make sure the
# secret is at least 30 characters and all random, no regular words or
# you'll be exposed to dictionary attacks.
ActionController::Base.session = {
  :session_key => '_mephisto_session_2',
  :secret      => '#{ActiveSupport::SecureRandom.hex(40)}'
}
EOD
end
end
```

#3 - 2009-02-20 10:19 - Javier Barroso

Hi,

Is it sure remove + 2 days old session files ?

```
1. df -i
   /dev/sda4      294912 240644 54268 82% /opt
```

I have 179585 session files from 28 - 1 - 2009

Can I setup config/initializers/session_store.rb only adding it, is it necessary any step more ?

Thank you

Sorry for my english

#4 - 2009-02-20 23:09 - Eric Davis

Javier Barroso wrote:

Is it sure remove + 2 days old session files ?

Yes, I have a crontab to remove sessions that are older than 10 hours.

#5 - 2009-02-21 20:05 - Jean-Philippe Lang

- Status changed from New to Closed
- Target version set to 0.9.0
- Resolution set to Fixed

As of today, current trunk runs with Rails 2.2 and uses cookie store by default.
A rake task that generates a secret was added. Just run it once:

```
config/initializers/session_store.rb
```

#6 - 2009-03-05 16:32 - Javier Barroso

Thanks Eric (and Jean),

I was thinking it was problem from plugin, see my report at:

http://sourceforge.net/tracker/index.php?func=detail&aid=2636633&group_id=228995&atid=1075435

#7 - 2009-12-30 01:45 - Eric Davis

I just added a second rake task to generate the session_store.rb (it's an alias). There's been a lot of problems with rake config/initializers/session_store.rb, many people think that the session_store.rb file needs to exist before the command can be run.