

Clearance

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```
$ SUDO GEM INSTALL \
THOUGHTBOT-Clearance \
--SOURCE HTTP://GEMS.GITHUB.COM
```

```
$ CURL "HTTP://GITHUB.COM/THOUGHTBOT/ \
CLEARANCE/TREE/MASTER%2FREADME.TEXTILE? \
RAW=TRUE"
```



Thank you.



Encore!



Looking for traditional values and various interests. ☎88866

D: **Rails developer** seeks simple, modular, well-tested authentication plugin. Accessorizing well with suspenders is a plus.

DWM, 32, Italian, black/hazel, sweet and passionate. ☎88209

b9e210ur1p - 2/19/2014





“Who goes there?”



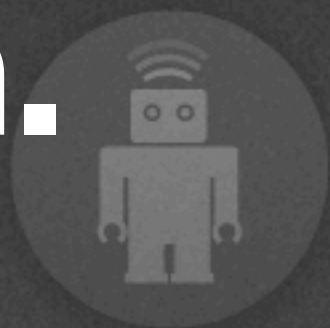
**email + confirmation +
password + forgot
= authentication.**

**No authorization,
no roles, no ACLs,
no HTTP basic auth,
no OpenID (in core),
no admin (in core),
no, no, no!**





Keep It Simple, Sucka.



mess
Generator[^] free!





(but it's small)

models and controllers

```
[~/dev/clearance/lib/clearance/app] find . | xargs wc -l  
434 total
```

units and functionals

```
[~/dev/clearance/lib/clearance/test] find . | xargs wc -l  
822 total
```



Let's see it!





<http://github.com/thoughtbot/clearance>



Have it your way

```
class User < ActiveRecord::Base

  include Clearance::Model

  def encrypt(password)
    Digest::SHA1.hexdigest "--#{salt}--#{password}--"
  end

  protected

  def initialize_salt
    self.salt = Digest::SHA1.hexdigest(
      "--#{Time.now.to_s}--#{email}--") if new_record?
  end
end
```



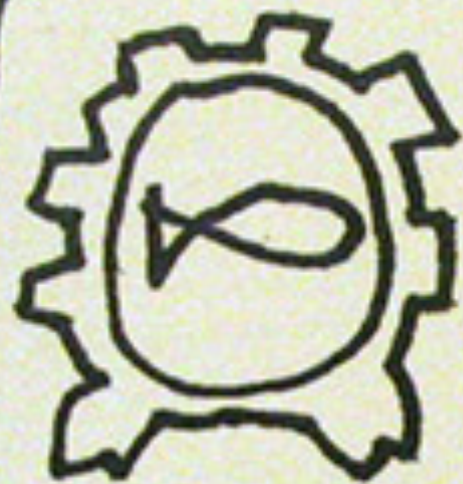
Have it your way

```
# similar deal for UsersController, ConfirmationsController
class SessionsController < ApplicationController
  include Clearance::SessionsController

  def url_after_create
    video_url(:awesome_and_exciting_welcome)
  end

  def url_after_destroy
    video_url(:wistful_farewell)
  end
end
```





Security Clearance

Holder/Bearer hereby
enabled access to all areas



Get goin'

```
class User < ActiveRecord::Base

  include Clearance::Model

  acts_as_geocodable :normalize_address => true

  # don't forget this guy!
  attr_accessible :first_name, :last_name,
                 :street, :locality, :region, :postal_code,
                 :website, :about

end
```



Get goin'

```
class UsersController < ApplicationController
  include Clearance::UsersController

  before_filter :authenticate, :except => [:new, :create]
  before_filter :can_only_edit_self, :only => [:edit, :update]

  protected

  def can_only_edit_self
    unless current_user == User.find(params[:id])
      flash[:error] = 'Oh, snap! Get outta here.'
      redirect_to root_url
    end
  end
end
```



Future Work



TODO.textile

- Some refactoring & documentation to do



Loot from merb-auth

- Store `current_user` on the session, not controller
- HTTP fluency
 - 401 Unauthorized
 - 405 Resource not allowed
- Make a strategy:
 - Email confirmation
 - Forgot password
 - Salted passwords



clearance-admin

`<% if current_user.admin? -%>`

`Admin::UsersController`

`logged_in_admin_context {}`

`should_only_allow_admins_on 'get :index'`



clearance-openid

Extract from
<http://hoptoadapp.com>



Always be on the lookout for Clearance



<http://www.youtube.com/watch?v=sEaqfpqLBK4>





Guard Dog

http://headrush.typepad.com/creating_passionate_users/2007/03/seven_blog_virt.html

Kiss

<http://flickr.com/photos/andraspfaff/623258079/>

Awesome Delorean

<http://flickr.com/photos/f1rstborn/757609629/>

“Shh!”

http://flickr.com/photos/cupcake_eater/2721122278/

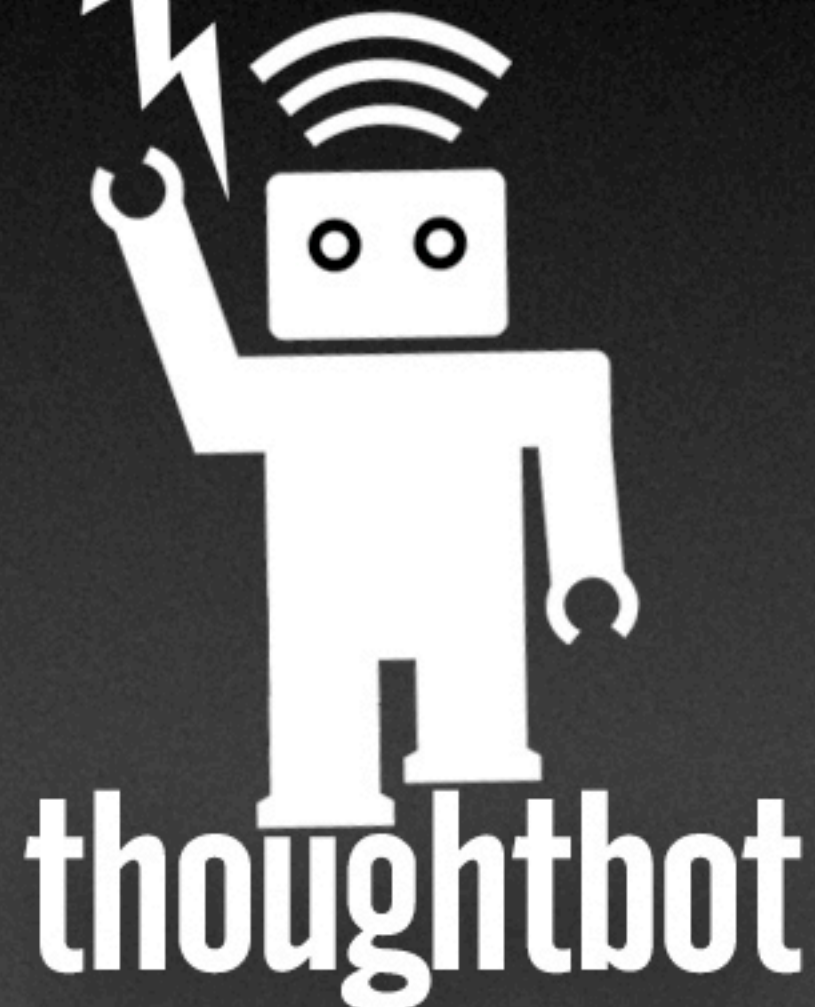
Personals Ad

<http://flickr.com/photos/eggplant/3211654/>

Baseball Photosiñata

<http://flickr.com/photos/mcbeth/156411746/>

THANKS!

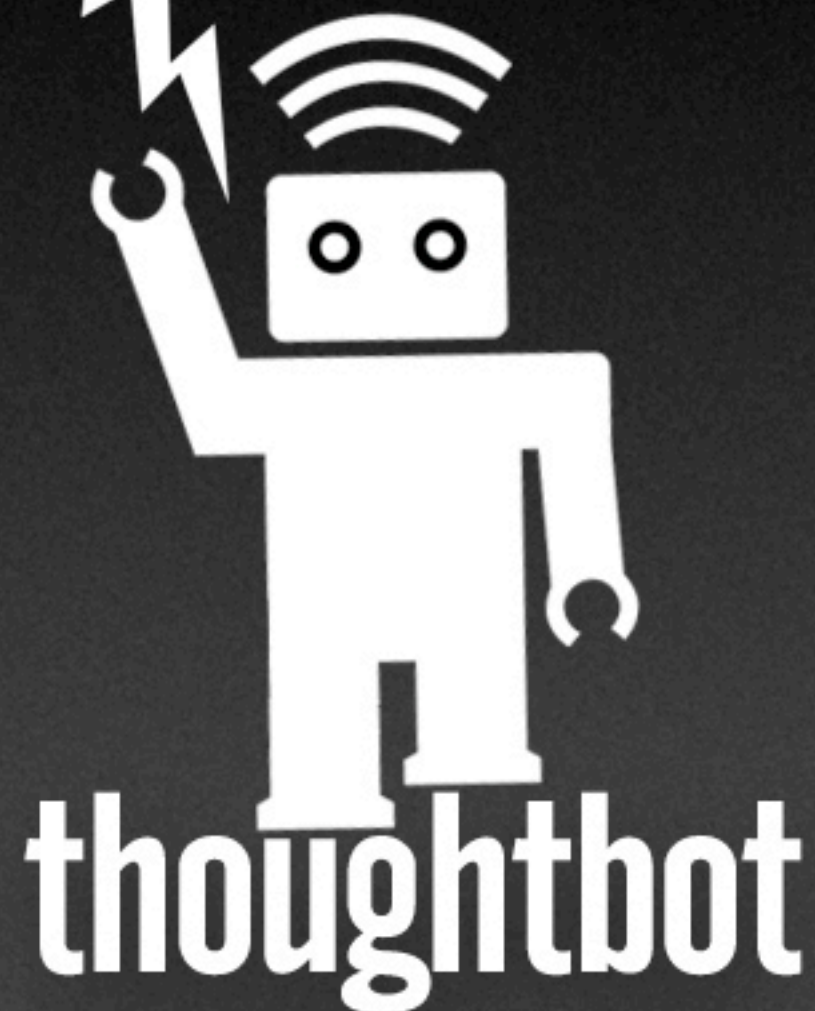


THANKS!

```
$ tail -n 8 README.textile
```

h2. Authors

- * thoughtbot, inc.
- * Dan Croak
- * Jason Morrison
- * Mike Burns
- * Josh Nichols
- * Mike Breen



THANKS!

github.com
/thoughtbot
/clearance

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/jasonm
/talks

