

 免費電子書

學習

devise

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1:

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Examples

1.Devise Gem

Gemfile

```
gem 'devise'
```

```
;
```

```
bundle install
```

2.

```
rails g devise:install
```

3.

URL◦ *config / environments / development.rb*

```
config.action_mailer.default_url_options = { host: 'localhost', port: 3000 }
```

app / views / layouts / application.html.erb

```
<% if notice %>
  <p class="alert alert-success"><%= notice %></p>
<% end %>
<% if alert %>
  <p class="alert alert-danger"><%= alert %></p>
<% end %>
```

```
<%= yield %>
```

app / views / ideas / show.html.erb

```
<p id="notice"><%= notice %></p>
```

- `app / views / comments / show.html.erb` ◦ `app / views / layouts / application.html.erb`◦

4.

◦

```
rails g devise user
rake db:migrate
```

Coach◦

5.

- Devise◦

rails [http// localhost3000 / users / sign_up](http://localhost:3000/users/sign_up)◦

<https://riptutorial.com/zh-TW/devise/topic/3561/>

2: DeviseOmniAuth

Examples

Devise gem

Gemfile Devise gem

```
gem 'devise'
```

```
$ bundle install
```

```
$ rails generate devise:install
```

DeviseUser

```
$ rails generate devise User
```

environment.rb config / environments / development.rb DeviseURL

```
config.action_mailer.default_url_options = { host: 'localhost', port: 3000 }
```

Devise

```
$ rake db:migrate
```

Controller/ omniauth_callbacks_controller.rb

```
class Users::OmniauthCallbacksController < Devise::OmniauthCallbacksController
  include OmniConcern
  %w[facebook twitter gplus linkedin].each do |meth|
    define_method(meth) do
      create
    end
  end
end
```

“ %w[facebook twitter gplus linkedin] ”。

omniauth_concern.rb

```
module OmniConcern
  extend ActiveSupport::Concern
  def create
    auth_params = request.env["omniauth.auth"]
    provider = AuthenticationProvider.get_provider_name(auth_params.try(:provider)).first
  end
end
```

```

authentication = provider.user_authentications.where(uid: auth_params.uid).first
existing_user = User.where('email = ?', auth_params['info']['email']).try(:first)
if user_signed_in?
  SocialAccount.get_provider_account(current_user.id,provider.id).first_or_create(user_id:
current_user.id , authentication_provider_id: provider.id , token:
auth_params.try(:[],"credentials").try(:[],"token") , secret:
auth_params.try(:[],"credentials").try(:[],"secret"))
  redirect_to new_user_registration_url
elsif authentication
  create_authentication_and_sign_in(auth_params, existing_user, provider)
else
  create_user_and_authentication_and_sign_in(auth_params, provider)
end
end
def sign_in_with_existing_authentication(authentication)
  sign_in_and_redirect(:user, authentication.user)
end
def create_authentication_and_sign_in(auth_params, user, provider)
  UserAuthentication.create_from_omniauth(auth_params, user, provider)
  sign_in_and_redirect(:user, user)
end
def create_user_and_authentication_and_sign_in(auth_params, provider)
  user = User.create_from_omniauth(auth_params)
  if user.valid?
    create_authentication_and_sign_in(auth_params, user, provider)
  else
    flash[:error] = user.errors.full_messages.first
    redirect_to new_user_registration_url
  end
end
end
end

```

authentication_provider

```

class CreateAuthenticationProviders < ActiveRecord::Migration
  def change
    create_table "authentication_providers", :force => true do |t|
      t.string "name"
      t.datetime "created_at", :null => false
      t.datetime "updated_at", :null => false
    end
    add_index "authentication_providers", ["name"], :name =>
"index_name_on_authentication_providers"
    AuthenticationProvider.create(name: 'facebook')
    AuthenticationProvider.create(name: 'twitter')
    AuthenticationProvider.create(name: 'gplus')
    AuthenticationProvider.create(name: 'linkedin')
  end
end

```

user_authentication

```

class CreateUserAuthentications < ActiveRecord::Migration
  def change
    create_table "user_authentications", :force => true do |t|
      t.integer "user_id"
      t.integer "authentication_provider_id"
    end
  end
end

```

```

      t.string   "uid"
      t.string   "token"
      t.datetime "token_expires_at"
      t.text     "params"
      t.datetime "created_at",           :null => false
      t.datetime "updated_at",         :null => false
    end
    add_index "user_authentications", ["authentication_provider_id"], :name =>
      "index_user_authentications_on_authentication_provider_id"
    add_index "user_authentications", ["user_id"], :name =>
      "index_user_authentications_on_user_id"
  end
end
end

```

authentication_provider.rb

```

has_many :users
has_many :user_authentications

```

user_authentication.rb

```

belongs_to :user
belongs_to :authentication_provider

serialize :params

def self.create_from_omniauth(params, user, provider)
  token_expires_at = params['credentials']['expires_at'] ?
    Time.at(params['credentials']['expires_at']).to_datetime : nil
  create(
    user: user,
    authentication_provider: provider,
    uid: params['uid'],
    token: params['credentials']['token'],
    token_expires_at: token_expires_at,
    params: params,
  )
end

```

user.rb

```

include OmniauthAttributesConcern

has_many :user_authentications

devise :omniauthable, :database_authenticatable, :registerable, :recoverable, :rememberable,
      :trackable

def self.create_from_omniauth(params)
  self.send(params.provider, params)
end

```

omniauth_attributes_concern.rb


```

module OmniauthAttributesConcern
  extend ActiveSupport::Concern
  module ClassMethods
    Add Methods here
  end
end
end

```

◦

```

def twitter params
  (params['info']['email'] = "dummy#{SecureRandom.hex(10)}@dummy.com") if
params['info']['email'].blank?
  attributes = {
    email: params['info']['email'],
    first_name: params['info']['name'].split(' ').first,
    last_name: params['info']['name'].split(' ').last,
    username: params['info']['nickname'],
    password: Devise.friendly_token
  }
  create(attributes)
end

```

Twitter/Twitter;nil◦

- Twitter◦

- remote_image_url: params['info']['image']

[CarrierWave](#) gem remote_image_url 'image' DB◦ params['info']['image']◦

routes.rb users / omniauth_callbacks_controller.rb

```

devise_for :users, controllers: {omniauth_callbacks: 'users/omniauth_callbacks'}

```

devise.rb

Facebook

```

config.omniauth :facebook, facebook_app_id, facebook_secret_key, :display => "popup", :scope
=> 'email,publish_actions', info_fields: 'email,name'

```

Twitter

```

config.omniauth :twitter, twitter_app_id, twitter_secret_key, :display => "popup", :scope =>
'email'

```

Linkedin

```

config.omniauth :linkedin, linkedin_app_id, linkedin_secret_key, :display => "popup", :scope
=> 'r_emailaddress,r_basicprofile'

```

Google+

```
config.omniauth :gplus, gplus_app_id, gplus_secret_key, :display => "popup", scope:
'userinfo.email, userinfo.profile'
```

```
display: "popup"
```

GemfileOmniAuthGems

```
gem 'omniauth-oauth2' , '~> 1.3.1'
gem 'omniauth'
gem 'omniauth-facebook'
gem 'omniauth-twitter'
gem 'omniauth-gplus'
gem 'omniauth-linkedin'
```

```
bundle install
```

DeviseOmniAuth <https://riptutorial.com/zh-TW/devise/topic/5846/devise-omniauth>

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