

 무료 전자 책

배우기

devise

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1:

devise , .

. .

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
```

: . ?

5.

. Devise , , .

[http : // localhost : 3000 / users / sign_up](http://localhost:3000/users/sign_up) .

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

2: Devise & OmniAuth

Examples

Devise gem .

Devise gem Gemfile .

```
gem 'devise'
```

.

```
$ bundle install
```

.

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

Devise (:User) .

```
$ rails generate devise User
```

environment.rb config / environments / development.rb Devise mailer URL .

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

Devise .

```
$ rake db:migrate
```

/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]" .
```

omni_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
    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
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"
      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

```

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
```

```
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](#) remote_image_url 'image' DB. params['info']['image'] .

routes.rb / 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"      .
```

Omniauth Gemfile

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

```
bundle install !
```

Devise & OmniAuth : <https://riptutorial.com/ko/devise/topic/5846/devise--amp--omniauth-->

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