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Rails : Action Mailer

Action Mailer:
- Action Mailer allows you to send emails from your application using mailer classes and views.
- They inherit from **ActionMailer::Base** and will be in **app/mailers**, and they have associated views that appear in **app/views**.

Generating a Mailer:

```
rails g mailer User
```

```ruby
# app/mailers/application_mailer.rb
class ApplicationMailer < ActionMailer::Base
  default from: "from@example.com"
  layout 'mailer'
end

# app/mailers/user_mailer.rb

class UserMailer < ApplicationMailer

  def welcome_email(user_id)
    @user = User.find(user_id)
    @url  = 'http://example.com/login'
    mail(to: @user.email, subject: 'Welcome to My Awesome Site')
  end

end
```

Create a Mailer View:

Create a file called **welcome_email.html.erb** in **app/views/user_mailer/.**

```erb
<h1>Welcome to example.com, <%= @user.name %></h1>
<p>
  You have successfully signed up to example.com,
  your username is: <%= @user.login %>.<br>
```

```
    </p>
    <p>
      To login to the site, just follow this link: <%= @url %>.
    </p>
    <p>Thanks for joining and have a great day!</p>
```

Calling the Mailer:

```
# add this line in the controller action wherever you want to trigger email
UserMailer.welcome_email(@user.id).deliver_now

#or if u want to trigger email from User model

  after_create :send_welcome_email


  def send_welcome_email
    UserMailer.welcome_email(self.id).deliver_now
  end
```

Sending Email To Multiple Recipients:

```
class AdminMailer < ApplicationMailer
  default to: -> { Admin.pluck(:email) },
          from: 'notification@example.com'

  def new_registration(user)
    @user = user
    mail(subject: "New User Signup: #{@user.email}")
  end
end
```

Email settings configuration:

In **config/environments/development.rb** file

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

  config.action_mailer.delivery_method = :smtp
  config.action_mailer.perform_deliveries = true
  config.action_mailer.raise_delivery_errors = true
  config.action_mailer.default :charset => "utf-8"
  config.action_mailer.default :from => "\"Param\" <paramapps@gmail.com>"
```

```
   config.action_mailer.smtp_settings = {
       :address => "smtp.gmail.com",
       :port => 587,
       :domain => 'gmail.com',
       :user_name => "<email-address>",
       :password => "<email-password>",
       :authentication => :login,
       :enable_starttls_auto => true,
#       :openssl_verify_mode => 'none',
#      :ssl  =>                   true,
#      :tls  =>             true
   }
```

If you want to test with **letter-opener** gem in development environment

Add following gem to the Gemfile

gem "letter_opener", :group => :development

Run **bundle install**

In **config/environments/development.rb**

Remove smtp settings and place below lines

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

config.action_mailer.delivery_method = :letter_opener

config.action_mailer.perform_deliveries = true

Rails : Filters

Filters:

Rails filters are methods that run before or after a controller's action method is executed.

Rails support two types of filter methods:

- Before filters
- After filters

```ruby
# it will call load_school to all the controller actions
before_action :load_school

(OR)

# it will call load_school method to only specified actions
before_action :load_school, only: [:edit, :update, :show, :destroy]

(OR)

# it will call load_school method except the specified actions
before_action :load_school, except: [:index, :new, :create]


private
def load_school
  @school = School.find(params[:id])
end
```