

RAILS SCAFFOLDING GUIDELINE/CHEATSHEET

You can use this as a guideline/reference to get familiar with the Rails way and to get more used to the RESTful way of doing things. Do not let the form helpers throw you off. Be aware of what the form helpers are doing but do not worry about making your form work with the Rail's default form helpers (in fact we think it's better that you still construct your form with pure HTML without relying on any other helper, especially in the beginning when you're learning how things fit together).

Remember that the form helper

- automatically adds the authenticity token
- depending on the object and whether it has an id, it creates a unique url where the form is submitted
- it sometimes uses methods like `link_to`, `f.label`, `f.text_area`, etc – you do not need to use any of these.

Controller

```
class BlogsController < ApplicationController
  before_action :set_blog, only: [:show, :edit,
:update, :destroy]
```

```
# GET /blogs
# GET /blogs.json
def index
  puts "\n\nBLOGS PATH", blogs_path, "\n\n"
  @blogs = Blog.all
end
```

```
# GET /blogs/1
# GET /blogs/1.json
def show
end
```

```
# GET /blogs/new
def new
  @blog = Blog.new
end
```

```
# GET /blogs/1/edit
def edit
end
```

```
# POST /blogs
# POST /blogs.json
def create
  @blog = Blog.new(blog_params)
```

```
  respond_to do |format|
    if @blog.save
      format.html { redirect_to @blog, notice: 'Blog
was successfully created.' }
      format.json { render action: 'show', status:
:created, location: @blog }
    else
      format.html { render action: 'new' }
      format.json { render json: @blog.errors,
status: :unprocessable_entity }
    end
  end
end
```

```
# PATCH/PUT /blogs/1
# PATCH/PUT /blogs/1.json
def update
  respond_to do |format|
    if @blog.update(blog_params)
      format.html { redirect_to '/blogs', notice: 'Blog
```

```
was successfully updated.' }
      format.json { head :no_content }
    else
      format.html { render action: 'edit' }
      format.json { render json: @blog.errors,
status: :unprocessable_entity }
    end
  end
end

# DELETE /blogs/1
# DELETE /blogs/1.json
def destroy
  @blog.destroy
  respond_to do |format|
    format.html { redirect_to blogs_url }
    format.json { head :no_content }
  end
end
```

```
private
# Use callbacks to share common setup or
constraints between actions.
def set_blog
  @blog = Blog.find(params[:id])
end
```

```
# Never trust parameters from the scary
internet, only allow the white list through.
def blog_params
  params.require(:blog).permit(:title,
:description)
end
```

views/products/index.html.erb

```
<h1>Listing products</h1>
```

```
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
```

```
<tbody>
<% @products.each do |product| %>
<tr>
<td><%= product.name %></td>
<td><%= product.description %></td>
<td><%= link_to 'Show', product %></td>
<td><%= link_to 'Edit',
edit_product_path(product) %></td>
<td><%= link_to 'Destroy', product,
method: :delete, data: { confirm: 'Are you sure?' } %></td>
</tr>
<% end %>
</tbody>
</table>
```

```
<br>
```

```
<%= link_to 'New Product', new_product_path %>
```

views/products/edit.html.erb

```
<h1>Editing product</h1>
```

```
<%= form_for(@product) do |f| %>
<% if @product.errors.any? %>
<div id="error_explanation">
<h2><%= pluralize(@product.errors.count,
"error") %> prohibited this product from being
```

```
saved:</h2>
```

```
<ul>
<% @product.errors.full_messages.each do |
msg| %>
<li><%= msg %></li>
<% end %>
</ul>
</div>
<% end %>
```

```
<div class="field">
<%= f.label :name %><br>
<%= f.text_field :name %>
</div>
<div class="field">
<%= f.label :description %><br>
<%= f.text_area :description %>
</div>
<div class="actions">
<%= f.submit %>
</div>
<% end %>
```

```
<%= link_to 'Show', @product %> |
<%= link_to 'Back', products_path %>
```

/views/products/new.html.erb

```
<h1>New product</h1>
```

```
<%= form_for(@product) do |f| %>
<% if @product.errors.any? %>
<div id="error_explanation">
<h2><%= pluralize(@product.errors.count,
"error") %> prohibited this product from being
saved:</h2>
```

```
<ul>
<% @product.errors.full_messages.each do |
msg| %>
<li><%= msg %></li>
<% end %>
</ul>
</div>
<% end %>
```

```
<div class="field">
<%= f.label :name %><br>
<%= f.text_field :name %>
</div>
<div class="field">
<%= f.label :description %><br>
<%= f.text_area :description %>
</div>
<div class="actions">
<%= f.submit %>
</div>
<% end %>
```

```
<%= link_to 'Back', products_path %>
```

/views/products/show.html.erb

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

```
<p>
<strong>Name:</strong>
<%= @product.name %>
</p>
```

```
<p>
<strong>Description:</strong>
<%= @product.description %>
</p>
```

```
<%= link_to 'Edit', edit_product_path(@product)
%> |
<%= link_to 'Back', products_path %>
```