



# Updating visits

Sergio Revilla  
@elreplicante

based on Martin Tschischauskas (@martynasc) slides

# The common way to implement an Update

1. A user visits a page that contains a form with a resource loaded
2. The user fills the form and submits it
3. An action receives that information and processes it:
  1. if it's valid, then the entity is updated
  2. if it's invalid, then renders the template with the form and some validation errors

I. A user visits a page that contains a form with a resource loaded

Http Method: GET

URL path: /<resource>/<id>/edit

HTML template: <form ...>

## 2. The user fills the form and submits it

- Nothing we can do in the backend -

3. An action receives that information and processes it

Http Method: PUT / PATCH

URL path: /<resource>

HTML template: (no template)

1. if it's valid, then the entity is updated
2. if it's invalid, then renders the template with the form and some validation errors

```
def update
  @obj = Obj.find(params[:id])
  if @obj.update_attributes(params[:obj])
    redirect_to "/objs/<@obj.id>"
  else
    @errors = obj.errors.full_messages
    render 'edit'
  end
end
```

# Implementing the “form” action

# Implementing the “form” action

**GET**

**`/locations/:location_id/visits/3/edit`**



# Implementing the edit action

app/controllers/visits\_controller.rb

```
class VisitsController < ApplicationController
  def edit
    @location = Location.find(params[:location_id])
    @visit = Visit.find(params[:id])
  end
end
```

# Implementing the edit action

app/views/visits/edit.html.erb

```
<%= form_for [@location, @visit] do |f| %>
  <%= f.label :user_name %>
  <%= f.text_field :user_name %>
  <br/>
  <%= f.datetime_select(:from_date, default: Time.now + 1.days) %>
  <br/>
  <%= f.datetime_select(:to_date, default: Time.now + 1.days) %>
  <br/>
  <%= f.submit "Save" %>
  <%= link_to "Cancel", location_visits_path(@location) %>
<% end %>
```

User name

<input type="text" value="2014"/>	<input type="text" value="July"/>	<input type="text" value="10"/>	—	<input type="text" value="15"/>	:	<input type="text" value="56"/>
<input type="text" value="2015"/>	<input type="text" value="July"/>	<input type="text" value="10"/>	—	<input type="text" value="15"/>	:	<input type="text" value="56"/>

[Cancel](#)

# Unknown action

**The action 'update' could not be found for VisitsController**

# Exercise #29

Implement the action update in the controller visits

1. base your code in the create action
2. if the update fails, it should render the template edit, if success, should redirect to the action show

# Exercise #30

In visits page, add a link to each visit to edit it.