



New stuff in Rails 4



What's
changed?

Lots.

Over 6000 commits

We'll just talk about a few highlights

Moved to Gem-space

- Mass assignment
- ActiveRecord::SessionStore
- Action Caching, Page Caching, Cashew Cashing
- Observers
- ActiveResource
- Sprockets

ActiveModel::Model

```
class Tardis
  include ActiveModel::Model

  attr_accessor :doctor,
                :companion,
                :theme

  validates :doctor, presence: true
  validates :companion, length: { maximum: 20 }
end
```

Finders



Deprecated magic finders:

- `find_all_by_name('Gandalf')`
- `find_last_by_name('Rincewind')`
- `find_or_create_by_name('Hermione')`
- `find_or_create_by_name!('Merlin')`
- `find_or_initialize_by_name('Harry Dresden')`
- `scoped_by_name('Allanon')`

Finders

‘all’ is scopey now

```
2.0.0p0 :037 > Wizard.all.last
Wizard Load (0.8ms)  SELECT "wizards".* FROM "wizards" ORDER BY "wizards"."id" DESC LIMIT 1
=> #<Wizard id: 7, name: "Bellatrix", alignment: "evil", spells: ["Avada Kedavra", "Accio"], bag_of_holding: nil, created_at: "2013-07-25 04:10:36", updated_at: "2013-07-25 04:10:36">
```

Form Helpers

Collections:

- collection_check_box
- collection_radio_buttons

Form Helpers

HTML5:

- week_field
- month_field
- color_field
- date_field
- highlight

```
class WizardsController < ApplicationController
  before_action :set_wizard, only: [:show, :edit, :update, :destroy]

  ...

  # PATCH/PUT /wizards/1
  # PATCH/PUT /wizards/1.json
  def update
    respond_to do |format|
      if @wizard.update(wizard_params)
        format.html { redirect_to @wizard, notice: 'Wizard was successfully
updated.' }
        format.json { head :no_content }
      else
        format.html { render action: 'edit' }
        format.json { render json: @wizard.errors, status: :unprocessable_entity }
      end
    end
  end

  ...

  private
  # Use callbacks to share common setup or constraints between actions.
  def set_wizard
    @wizard = Wizard.find(params[:id])
  end

  # Never trust parameters from the scary internet, only allow the white list
  # through.
  def wizard_params
    params.require(:wizard).permit(:name, :alignment, :spells, :bag_of_holding)
  end
end
```

Russian Doll Caching



Postgres Features



MO²⁰¹¹



ActiveRecord::Live

Turbolinks

