

# Controller の説明

OPEN FILES

FOLDERS

- ▼ railsgirls
  - ▼ app
    - assets
    - ▼ controllers
      - concerns
      - application\_controller.rb
      - ideas\_controller.rb
    - helpers
    - mailers
    - models
    - ▼ views
      - ideas
        - \_form.html.erb
        - edit.html.erb
        - index.html.erb
        - index.json.jbuilder
        - new.html.erb
        - show.html.erb
        - show.json.jbuilder
      - ▼ layouts
        - アクション名と
        - application.html.erb
    - bin
    - config
    - db
    - lib
    - log
    - public
    - test
    - tmp
    - vendor
    - .gitignore
    - config.ru
    - Gemfile
    - Gemfile.lock
    - Rakefile
    - README.rdoc

```
1 class IdeasController < ApplicationController
2   before_action :set_idea, only: [:show, :edit, :update, :destroy]
3
4   def index
5     @ideas = Idea.all
6   end
7
8   def show
9   end
10
11  def new
12    @idea = Idea.new
13  end
14
15  def edit
16  end
17
18  def create
19    @idea = Idea.new(idea_params)
20
21    respond_to do |format|
22      if @idea.save
23        format.html { redirect_to @idea, notice: 'Idea was successfully created.' }
24        format.json { render action: 'show', status: :created, location: @idea }
25      else
26        format.html { render action: 'new' }
27        format.json { render json: @idea.errors, status: :unprocessable_entity }
28      end
29    end
30  end
31
32  def update
33    respond_to do |format|
34      if @idea.update(idea_params)
35        format.html { redirect_to @idea, notice: 'Idea was successfully updated.' }
36        format.json { head :no_content }
37      else
38        format.html { render action: 'edit' }
39        format.json { render json: @idea.errors, status: :unprocessable_entity }
40      end
41    end
42  end
43
44  def destroy
45    @idea.destroy
46    respond_to do |format|
47      format.html { redirect_to ideas_url }
48      format.json { head :no_content }
49    end
50  end
51
52  private
53  def set_idea
54    @idea = Idea.find(params[:id])
55  end
56
57  def idea_params
58    params.require(:idea).permit(:name, :description, :picture)
59  end
60 end
61
```

アクションと呼びます。

index	アイディア一覧を表示しなさい	create	新規アイディアを登録しなさい
show	指定したアイディアの詳細を表示しなさい	update	変更内容を更新しなさい
new	新規登録用ページを表示しなさい	destroy	指定したアイディアを削除しなさい
edit	指定したアイディアの編集画面を表示しなさい		