# Read Actions

## (Rails)
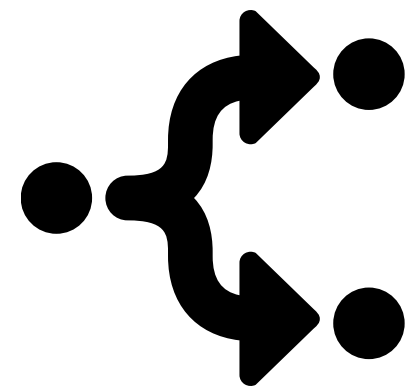
# CRUD

**C**reate  **R**ead  **U**pdate  **D**elete

# Create

get "products/new" => "products#new"

post "products" => "products#create"

↓

resources :products, only: [:new, :create]

```
$ rails routes
```

```ruby
class ProductsController
    def new
     …
    end

    def create
     …
    end

end
```

```html
<form action="/products" method="post">
  <input type="text" name="product[name]">
  <input type="text" name="product[tagline]">
  <input type="submit">
</form>
```

POST "/products"

```
params = {
  product: {
    name:    "Kudoz",
    tagline: "tinder for job search"
  }
}
```

```ruby
class ProductsController

    def new
      @product = Product.new
    end

    def create
     …
    end

 end
```

```erb
<%= simple_form_for @product do |f| %>
  <%= f.input :name %>
  <%= f.input :tagline %>
  <%= button :submit %>
<% end %>
```

```html
<form action="/products" method="post">
  <input type="text" name="product[name]" id="name">
  <input type="text" name="product[tagline]" id="address">
  <input type="hidden" name="authenticity_token" value="HJYkH..">
  <input type="submit">
</form>
```
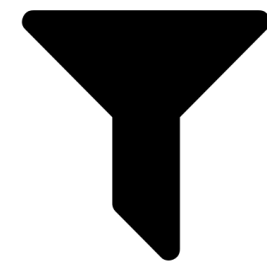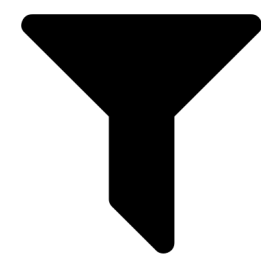
```
params = {
  product: {
    name:     "Kudoz",
    tagline: "tinder for job search"
    review:   "I am a hater.."
  }
}
```

params.require(:product)

```
{
  name:     "Kudoz",
  tagline: "tinder for job search"
  review:   "I am a hater.."
}
```

params.require(:product).permit(:url, :tagline)

```
{
  name:     "Kudoz",
  tagline: "tinder for job search"
}
```

```ruby
class ProductsController

    def new
      @product = Product.new
    end

    def create
      safe_params = params.require(:product).permit(:url, :tagline)
      product = Product.new(safe_params)
      product.save
      redirect_to products_path
    end

 end
```

# Let's code it