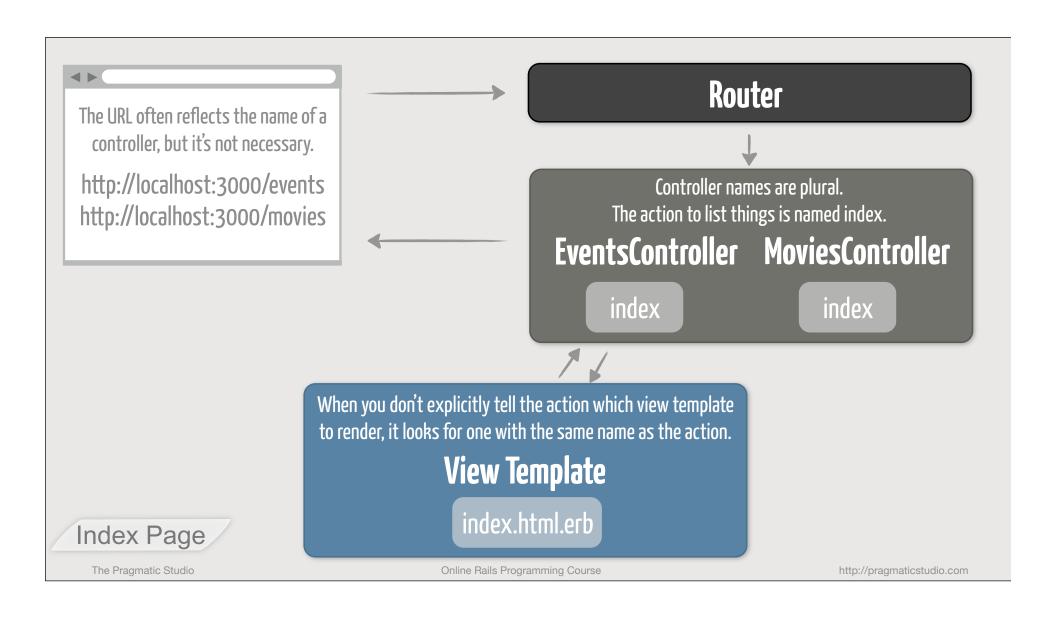
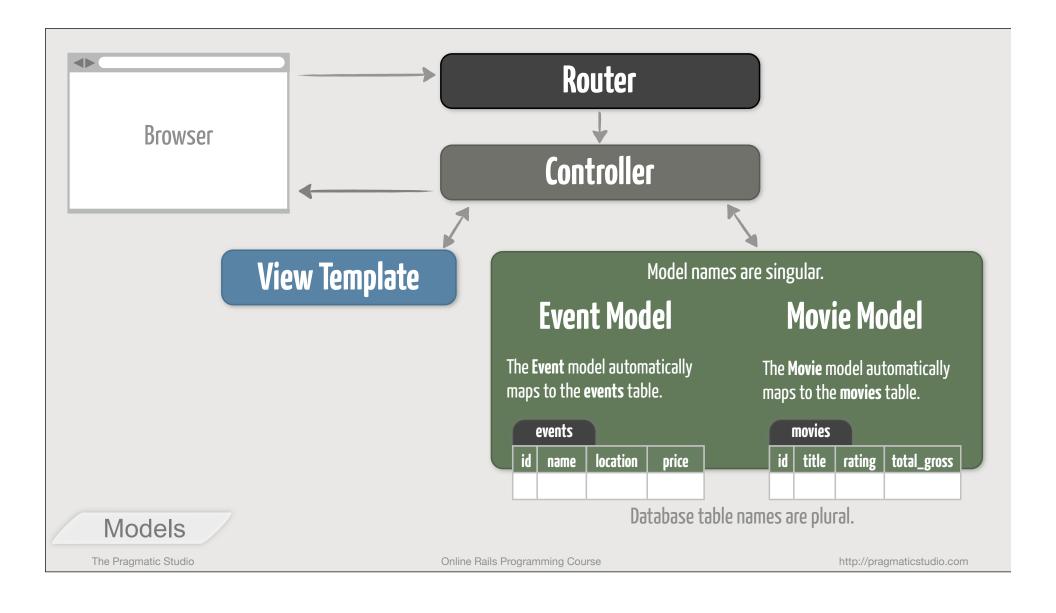


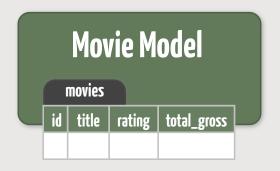
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Name your migration using the format **AddXXXToYYY**, and Rails will assume you want to add the listed column names and types to the YYY table. (The XXX part is arbitrary.)

rails g migration AddFieldsToEvents description:text starts\_at:datetime

rails g migration AddFieldsToMovies description:text released\_on:date

	events				
id	name	location	price	description	starts_at

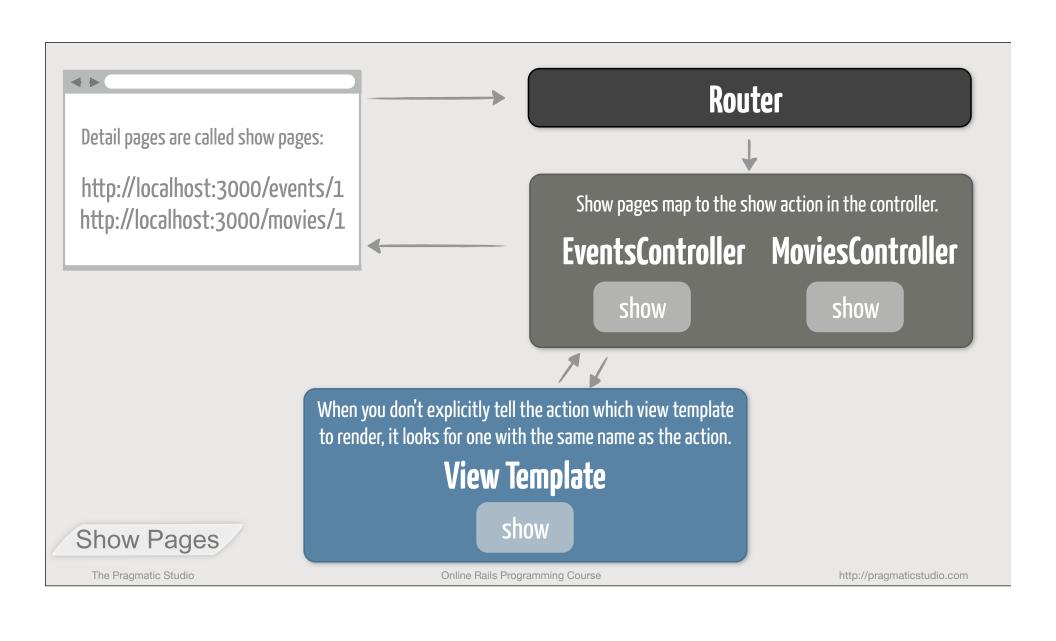


Migration Names

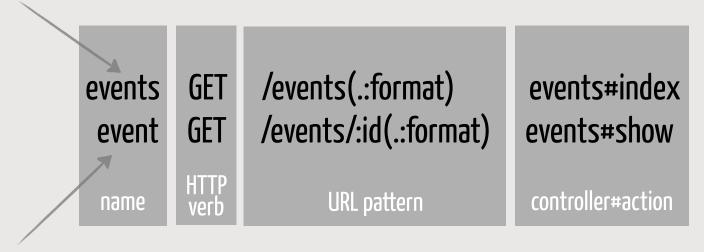
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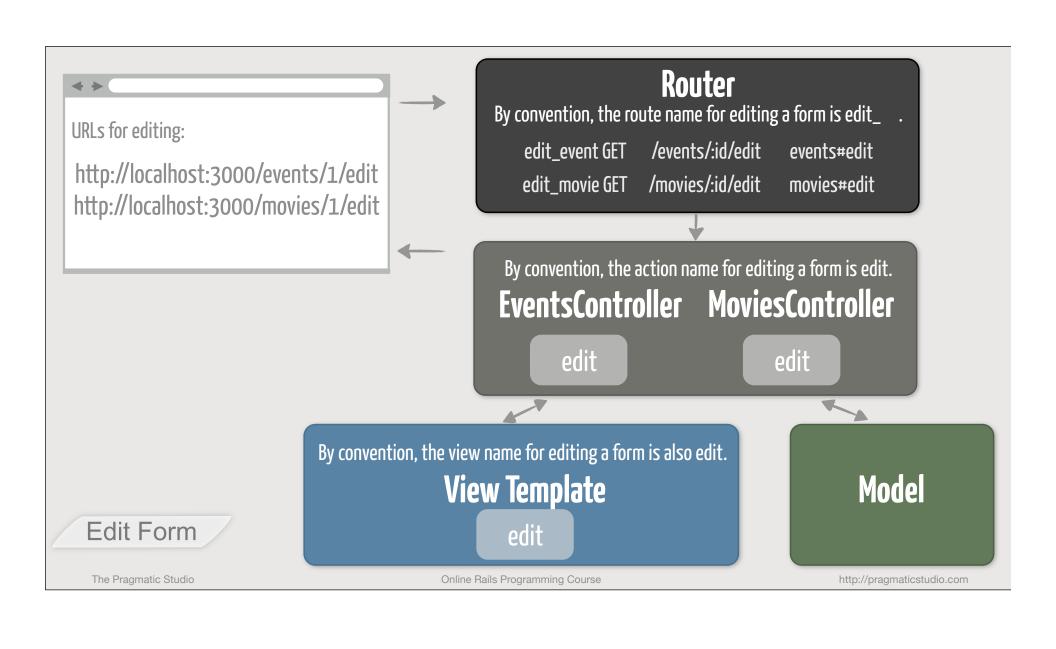


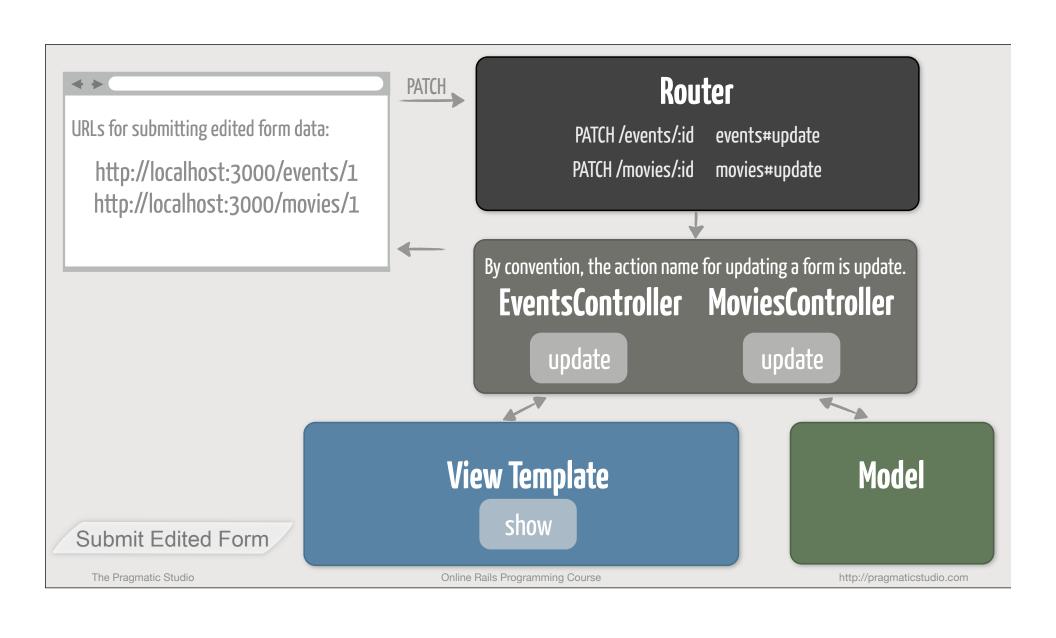
The name of the route that maps to the **index** action is **plural** because we're dealing with **multiple** things, such as multiple events or movies.

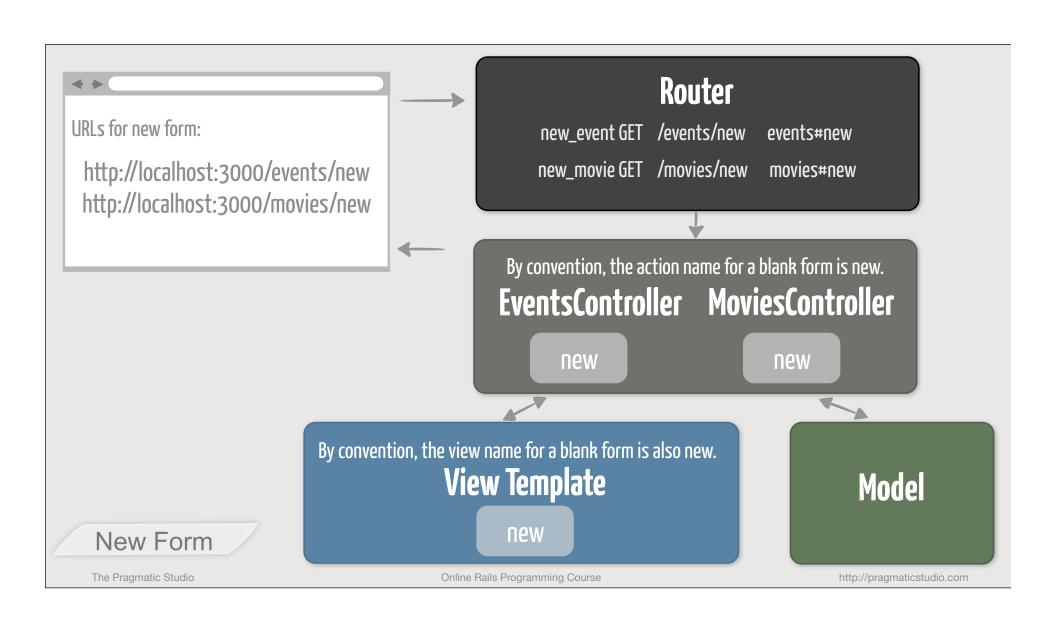


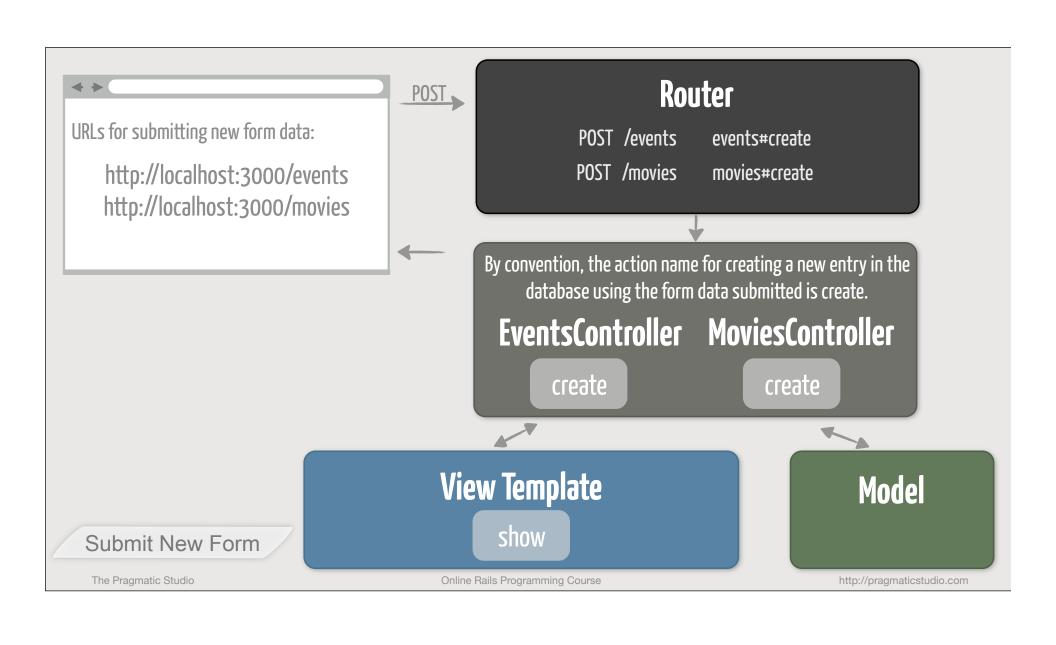
The name of the route that maps to the **show** action is **singular** because we're dealing with **one** thing, such as one event or movie.

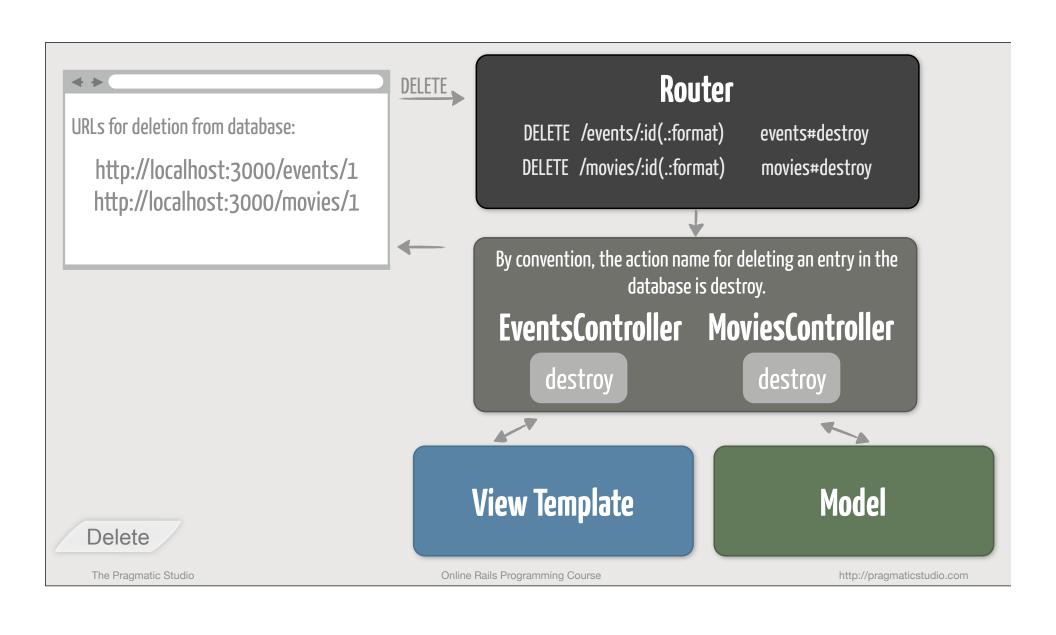
Route Names











# resources: events

Name	HTTP Verb	URL Pattern	controller#action
events	GET	/events	events#index
event	GET	/events/:id	events#show
edit_event	GET	/events/:id/edit	events#edit
	PATCH	/events/:id	events#update
	PUT	/events/:id	events#update
	POST	/events	events#create
new_event	GET	/events/new	events#new
	DELETE	/events/:id	events#destroy

List All Events
Show Specific Event
Show Edit Form
Update Event
Update Event
Create New Event
Show New Form
Delete Event

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# **RESTful Conventions**

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# **Named Route Methods**

events<br/>eventGET<br/>GET/events<br/>/events/:idevents#index<br/>events#shownameHTTP<br/>verbURL patterncontroller#action

Helper Method	Generates
events_url	http://www.example.com/events
events_path	/events
event_url(id)	http://www.example.com/events/1
event_path(id)	/events/1

The **\_path** method generates a **relative path**. The **\_url** method generates the **full URL**.

## **Event Model**

events	events	
--------	--------	--

id	name	
1	BugSmash	Denver, CO
2	Hackathon	Austin, TX
3	Kata Camp	Dallas, TX

Registration Model

class Registration < ActiveRecord::Base
belongs\_to :event</pre>

end

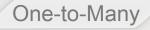
\*

registrations

id	name	email	event_id
1	Larry	larry@stooges.com	1
2	Moe	moe@stooges.com	1
3	Moe	moe@stooges.com	3

The entity on the "many" (child) end needs a foreign key referencing the entity on the "one" (parent) end.

The name of this foreign key needs to be the name of the "one" (parent) entity, followed by "\_id".



### **Event Model**

1 \*

### **Registration Model**

class Registration < ActiveRecord::Base
belongs\_to :event
end</pre>

#### event.registrations

Returns an array of Registration objects that are associated with the event: all the registrations that have an event\_id matching the event's ID.

#### registration.event

Returns the Event object associated with the registration: the event that matches the ID in the event\_id column.



Put as much **business logic** into the model as you can.

### **Event Model**

```
def free?
    price.blank? || price.zero?
    end

def spots_left
    capacity - registrations.count
end

def sold_out?
    spots_left.zero?
end
```

#### **Movie Model**

```
def flop?
  total_gross.blank? || total_gross < 50000000
  end

def average_stars
  reviews.average(:stars)
  end</pre>
```

**Business Logic** 

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