Adding Search

This document summarizes additions that are needed for adding keyword search to a scaffolded application. The example uses the Movie model, which has attributes of title (string), year (integer) and seen (boolean). The additions add a new view (search) that presents a search form and displays matching entries below the form on the same page. Because the same view presents a search form and results, only one additional route (with controller action) is needed.

Adding a route

Modify routes.rb so that the resources declaration has the following:

```
resources :movies do
  collection do
    get 'search'
  end
end
```

The command "rake routes" will show the current set of routes. As a general rule, you can add "_path" to a route name in order to get the helper that will generate the URL for the corresponding route.

Adding a new action to the controller

Add the following code to movies_controller.rb

```
def search
  if params[:search_text]
    match_term = "%" + params[:search_text] + "%"
    @movies = Movie.where("title LIKE ?", match_term)
  end
end
```

Adding a new view

The new search view (search.html.erb) has the following code:

```
<%= form_tag search_movies_path, :method => 'get' do %>

<p>
<%= label_tag :search_text %>
<%= text_field_tag :search_text %>
</p>

<p>
<%= submit_tag 'Search' %>
</p>

<% end %>

<% if @movies %>
```

View code for presenting the table should be appended here. Don't forget the final end tag!