

# Test One:

User Story:

Try to browser a roots-editing page without login, but redirect to the login page

Description:

After a user's successful login a identity will be stored in the session. And before a user browser a certain page, that is a filter to check if the user have rule to visit the page.

The authorization is the following code:

---

```
root = Root.authenticate(params[:username], params[:password])
if root
  session[:root] = root
  session[:identity] = "Root"
  redirect_to(:controller=>"admin_root", :action => "index")
else
  flash[:notice] = "Invalid user/password combination"
end
```

---

The filter of root is like this in C:\IdeaProjects\iad\app\controllers\application.rb

---

```
def authorize_root
  unless session[:identity] == "Root"
    flash[:notice] = "Please log in"
    redirect_to(:controller => "login", :action => "login")
  end
end
```

---

**Test:**

We write following codes in C:\IdeaProjects\iad\test\functional\admin\_root\_controller\_test.rb

---

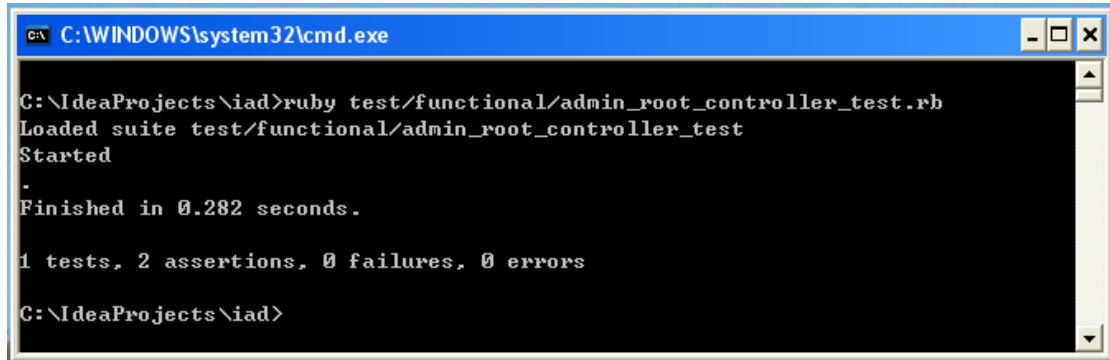
```
def test_index_without_user
  get :index
  assert_redirected_to :controller => "login", :action => "login"
  assert_equal "Please log in", flash[:notice]
end
```

---

Since we haven't logged in, a valid root identity isn't in the session, so the request gets redirected to the login action. According to authorize, the resulting page should include a flash notice telling

us that we need to log in. So when we request the index action, we expect to get redirected to the login action and see a flash notice generated by the view.

A screenshot of the result of our test is shown below



```
C:\WINDOWS\system32\cmd.exe

C:\IdeaProjects\iad>ruby test/functional/admin_root_controller_test.rb
Loaded suite test/functional/admin_root_controller_test
Started
.
Finished in 0.282 seconds.

1 tests, 2 assertions, 0 failures, 0 errors

C:\IdeaProjects\iad>
```

How it start:

Just input the following command at the base path of iAd

```
ruby test/functional/admin_root_controller_test.rb
```

## Test Two

User Story

Root tries to do operation to staffs (CRUD)

We write the follow code in C:\IdeaProjects\iad\test\functional\admin\_staff\_controller\_test.rb  
To do the test:

---

```
def test_index
  get :index
  assert_response :success
  assert_template 'list'
end

def test_list
  get :list

  assert_response :success
  assert_template 'list'
```

---

---

```
      assert_not_nil assigns(:staffs)
    end

    def test_show
      get :show, :id => @first_id

      assert_response :success
      assert_template 'show'

      assert_not_nil assigns(:staff)
      assert assigns(:staff).valid?
    end

    def test_new
      get :new

      assert_response :success
      assert_template 'new'

      assert_not_nil assigns(:staff)
    end

    def test_create
      num_staffs = Staff.count

      post :create, :staff => {}

      assert_response :redirect
      assert_redirected_to :action => 'list'

      assert_equal num_staffs + 1, Staff.count
    end

    def test_edit
      get :edit, :id => @first_id

      assert_response :success
      assert_template 'edit'

      assert_not_nil assigns(:staff)
      assert assigns(:staff).valid?
    end

    def test_update
```

---

---

```
    post :update, :id => @first_id
    assert_response :redirect
    assert_redirected_to :action => 'show', :id => @first_id
  end

  def test_destroy
    assert_nothing_raised {
      Staff.find(@first_id)
    }

    post :destroy, :id => @first_id
    assert_response :redirect
    assert_redirected_to :action => 'list'

    assert_raise(ActiveRecord::RecordNotFound) {
      Staff.find(@first_id)
    }
  }
End
```

---

And the result is

```
Loaded suite test/functional/admin_staff_controller_test
Started
E.E.E.E.E.E.E
Finished in 0.922 seconds.

1) Error:
test_create(AdminStaffControllerTest):
ActionView::TemplateError: You have a nil object when you didn't expect it!
You might have expected an instance of Array.
The error occurred while evaluating nil.each
    On line #23 of app/views/admin_staff/_form.rhtml

20:  <p>
21:    <label for="staff_director_id">Director</label><br/>
22:    <select name="staff[director_id]">
23:      <% @directors.each do |director| %>
24:        <option value="<%= director.id %>">
25:          <%= director.name %>
26:        </option>

#{RAILS_ROOT}/app/views/admin_staff/_form.rhtml:23:in
`_run_rhtml_47app47views47admin_staff47_form46rhtml'
```

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:326:  
in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:326:  
in `compile\_and\_render\_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:301:  
in `render\_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:260:  
in `render\_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:275:  
in `render'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/partials.rb:5  
9:in `render\_partial'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/bench  
marking.rb:26:in `benchmark'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:307:in `realtime'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/bench  
marking.rb:26:in `benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/partials.rb:5  
8:in `render\_partial'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:287:  
in `render'

#{RAILS\_ROOT}/app/views/admin\_staff/new.rhtml:4:in  
`\_run\_rhtml\_47app47views47admin\_staff47new46rhtml'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/helpers/capt  
ure\_helper.rb:108:in `call'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/helpers/capt  
ure\_helper.rb:108:in `capture\_erb\_with\_buffer'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/helpers/capt  
ure\_helper.rb:67:in `capture'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/helpers/for

```
m_tag_helper.rb:51:in `form_tag'
  #{RAILS_ROOT}/app/views/admin_staff/new.rhtml:3:in
`_run_rhtml_47app47views47admin_staff47new46rhtml'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:326:
in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:326:
in `compile_and_render_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:301:
in `render_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:260:
in `render_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:806:in `render_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:738:in `render_with_no_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:863:in `render_without_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:798:in `render_action'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:748:in `render_with_no_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/activesupport-1.4.2/lib/active_support/depreca
tion.rb:44:in `silence'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:747:in `render_with_no_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/layout.r
b:244:in `render_without_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/bench
marking.rb:50:in `render'
  C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'
```

```
C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/bench
marking.rb:50:in `render'
      #{RAILS_ROOT}/app/controllers/admin_staff_controller.rb:31:in `create'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:1095:in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:1095:in `perform_action_without_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/filters.r
b:632:in `call_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/filters.r
b:638:in `call_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/filters.r
b:438:in `call'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/filters.r
b:637:in `call_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/filters.r
b:619:in `perform_action_without_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/bench
marking.rb:66:in `perform_action_without_rescue'
      C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/bench
marking.rb:66:in `perform_action_without_rescue'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/rescue.
rb:83:in `perform_action'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:430:in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:430:in `process_without_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/filters.r
b:624:in `process_without_session_management_support'
```

```
C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/session_management.rb:114:in `process_without_test'
```

```
C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/test_process.rb:15:in `process'
```

```
C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/test_process.rb:382:in `process'
```

```
C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/test_process.rb:353:in `post'
```

```
test/functional/admin_staff_controller_test.rb:55:in `test_create'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `__send__'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnermediator.rb:46:in `run_suite'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:67:in
```

```
`start_mediator'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:41:in `start'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnerutilities.rb:29:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:216:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:12:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit.rb:278
```

```
test/functional/admin_staff_controller_test.rb:79
```

2) Error:

```
test_edit(AdminStaffControllerTest):
```

ActionView::TemplateError: You have a nil object when you didn't expect it!

The error occurred while evaluating nil.name

On line #15 of app/views/layouts/admin\_staff.rhtml

```
12:
```

```
13: <div id="side">
```

```
14:
```

```
15:     <% st = session[:root].name %>
```

```
16:     <%if st != nil%>
```

```
17:     <%=h "Hello, #{st}"%>
```

```
18:     <%end%>
```



```
#{RAILS_ROOT}/app/views/layouts/admin_staff.rhtml:15:in
`_run_rhtml_47app47views47layouts47admin_staff46rhtml'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:326:
in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:326:
in `compile_and_render_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:301:
in `render_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:260:
in `render_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/layout.r
b:254:in `render_without_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/bench
marking.rb:50:in `render'
  C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/bench
marking.rb:50:in `render'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:1096:in `perform_action_without_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/filters.r
b:632:in `call_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/filters.r
b:634:in `call_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/filters.r
b:619:in `perform_action_without_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/bench
marking.rb:66:in `perform_action_without_rescue'
  C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/bench
marking.rb:66:in `perform_action_without_rescue'
```

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/rescue.rb:83:in `perform\_action'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:430:in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:430:in `process\_without\_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:624:in `process\_without\_session\_management\_support'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/session\_management.rb:114:in `process\_without\_test'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:15:in `process'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:382:in `process'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:353:in `get'

test/functional/admin\_staff\_controller\_test.rb:64:in `test\_edit'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `\_\_send\_\_'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnermediator.rb:46:in `run\_suite'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:67:in

`start\_mediator'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:41:in `start'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnerutilities.rb:29:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:216:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:12:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit.rb:278

test/functional/admin\_staff\_controller\_test.rb:79

3) Error:

test\_index(AdminStaffControllerTest):

ActionView::TemplateError: You have a nil object when you didn't expect it!

The error occurred while evaluating nil.name

On line #17 of app/views/admin\_staff/list.rhtml

```
14:   <tr>
15:       <td align="center"><%=h staff.username %></td>
16:       <td align="center"><%=h staff.name %></td>
17:       <td align="center"><%=h staff.director.name %></td>
18:       <td align="center"><%=h staff.telephone %></td>
19:       <td align="center"><%=h staff.email %></td>
20:
```

```
#{RAILS_ROOT}/app/views/admin_staff/list.rhtml:17:in
`_run_rhtml_47app47views47admin_staff47list46rhtml'
#{RAILS_ROOT}/app/views/admin_staff/list.rhtml:13:in `each'
#{RAILS_ROOT}/app/views/admin_staff/list.rhtml:13:in
`_run_rhtml_47app47views47admin_staff47list46rhtml'
```

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:326:  
in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:326:  
in `compile\_and\_render\_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:301:  
in `render\_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:260:  
in `render\_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb  
:806:in `render\_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb  
:738:in `render\_with\_no\_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb  
:863:in `render\_without\_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb  
:798:in `render\_action'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb  
:748:in `render\_with\_no\_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/activesupport-1.4.2/lib/active\_support/deprecation.rb:44:in `silence'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:747:in `render\_with\_no\_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/layout.rb:244:in `render\_without\_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:50:in `render'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:50:in `render'

#{RAILS\_ROOT}/app/controllers/admin\_staff\_controller.rb:5:in `index'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:1095:in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:1095:in `perform\_action\_without\_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:632:in `call\_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:634:in `call\_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:619:in `perform\_action\_without\_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:66:in `perform\_action\_without\_rescue'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:66:in `perform\_action\_without\_rescue'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/rescue.rb:83:in `perform\_action'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb

:430:in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb

:430:in `process\_without\_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.r

b:624:in `process\_without\_session\_management\_support'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/session\_management.rb:114:in `process\_without\_test'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:15:in `process'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:382:in `process'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:353:in `get'

test/functional/admin\_staff\_controller\_test.rb:19:in `test\_index'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `\_\_send\_\_'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnermediator.rb:46:in `run\_suite'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:67:in

`start\_mediator'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:41:in `start'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnerutilities.rb:29:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:216:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:12:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit.rb:278

test/functional/admin\_staff\_controller\_test.rb:79

#### 4) Error:

test\_list(AdminStaffControllerTest):

ActionView::TemplateError: You have a nil object when you didn't expect it!

The error occurred while evaluating nil.name

On line #17 of app/views/admin\_staff/list.rhtml

```

14:   <tr>
15:       <td align="center"><%=h staff.username %></td>
16:       <td align="center"><%=h staff.name %></td>
17:       <td align="center"><%=h staff.director.name %></td>
18:       <td align="center"><%=h staff.telephone %></td>
19:       <td align="center"><%=h staff.email %></td>
20:
    #{RAILS_ROOT}/app/views/admin_staff/list.rhtml:17:in
`_run_rhtml_47app47views47admin_staff47list46rhtml'
    #{RAILS_ROOT}/app/views/admin_staff/list.rhtml:13:in `each'
    #{RAILS_ROOT}/app/views/admin_staff/list.rhtml:13:in
`_run_rhtml_47app47views47admin_staff47list46rhtml'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:326:
in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:326:
in `compile_and_render_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:301:
in `render_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:260:
in `render_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:806:in `render_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:711:in `render_with_no_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/layout.r
b:247:in `render_without_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/bench
marking.rb:50:in `render'
    C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/bench
marking.rb:50:in `render'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:1096:in `perform_action_without_filters'

```

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:632:in `call\_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:634:in `call\_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:619:in `perform\_action\_without\_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:66:in `perform\_action\_without\_rescue'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:66:in `perform\_action\_without\_rescue'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/rescue.rb:83:in `perform\_action'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:430:in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:430:in `process\_without\_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:624:in `process\_without\_session\_management\_support'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/session\_management.rb:114:in `process\_without\_test'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:15:in `process'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:382:in `process'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:353:in `get'

test/functional/admin\_staff\_controller\_test.rb:25:in `test\_list'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `\_\_send\_\_'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'

```

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnermediator.rb:46:in `run_suite'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:67:in
`start_mediator'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:41:in `start'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnerutilities.rb:29:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:216:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:12:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit.rb:278
test/functional/admin_staff_controller_test.rb:79

5) Error:
test_new(AdminStaffControllerTest):
ActionView::TemplateError: You have a nil object when you didn't expect it!
The error occurred while evaluating nil.name
On line #15 of app/views/layouts/admin_staff.rhtml

12:
13: <div id="side">
14:
15:     <% st = session[:root].name %>
16:     <%if st != nil%>
17:     <%=h "Hello, #{st}"%>
18:     <%end%>

#{RAILS_ROOT}/app/views/layouts/admin_staff.rhtml:15:in
`_run_rhtml_47app47views47layouts47admin_staff46rhtml'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:326:
in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:326:
in `compile_and_render_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:301:
in `render_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_view/base.rb:260:
in `render_file'

```



C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/layout.r  
b:254:in `render\_without\_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/bench  
marking.rb:50:in `render'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/bench  
marking.rb:50:in `render'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb  
:1096:in `perform\_action\_without\_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.r  
b:632:in `call\_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.r  
b:634:in `call\_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.r  
b:619:in `perform\_action\_without\_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/bench  
marking.rb:66:in `perform\_action\_without\_rescue'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/bench  
marking.rb:66:in `perform\_action\_without\_rescue'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/rescue.  
rb:83:in `perform\_action'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb  
:430:in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb  
:430:in `process\_without\_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.r  
b:624:in `process\_without\_session\_management\_support'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/session  
\_management.rb:114:in `process\_without\_test'

```
C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/test_process.rb:15:in `process'
```

```
C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/test_process.rb:382:in `process'
```

```
C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/test_process.rb:353:in `get'
```

```
test/functional/admin_staff_controller_test.rb:44:in `test_new'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `__send__'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnermediator.rb:46:in `run_suite'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:67:in
```

```
`start_mediator'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:41:in `start'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnerutilities.rb:29:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:216:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:12:in `run'
```

```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit.rb:278
```

```
test/functional/admin_staff_controller_test.rb:79
```

6) Error:

```
test_show(AdminStaffControllerTest):
```

ActionView::TemplateError: You have a nil object when you didn't expect it!

The error occurred while evaluating nil.name

On line #9 of app/views/admin\_staff/show.rhtml

```
6:      <% end %>
```

```
7: <% end %>
```

```
8: <p>
```

```
9:   <b>Director:</b> <%=h @staff.director.name %>
```

```
10: </p>
```

```
11:
```

```
12: <%= link_to 'Edit', :action => 'edit', :id => @staff %> |
```

```
{RAILS_ROOT}/app/views/admin_staff/show.rhtml:9:in
```

```
`_run_rhtml_47app47views47admin_staff47show46rhtml'
```

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:326:  
in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:326:  
in `compile\_and\_render\_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:301:  
in `render\_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:260:  
in `render\_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb  
:806:in `render\_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb  
:711:in `render\_with\_no\_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/layout.r  
b:247:in `render\_without\_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/bench  
marking.rb:50:in `render'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/bench  
marking.rb:50:in `render'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb  
:1096:in `perform\_action\_without\_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.r  
b:632:in `call\_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.r  
b:634:in `call\_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.r  
b:619:in `perform\_action\_without\_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/bench  
marking.rb:66:in `perform\_action\_without\_rescue'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

```
C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/bench
marking.rb:66:in `perform_action_without_rescue'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/rescue.
rb:83:in `perform_action'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:430:in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/base.rb
:430:in `process_without_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/filters.r
b:624:in `process_without_session_management_support'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/session
_management.rb:114:in `process_without_test'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/test_pr
ocess.rb:15:in `process'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/test_pr
ocess.rb:382:in `process'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action_controller/test_pr
ocess.rb:353:in `get'
  test/functional/admin_staff_controller_test.rb:34:in `test_show'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `__send__'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnermediator.rb:46:in `run_suite'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:67:in
`start_mediator'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:41:in `start'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnerutilities.rb:29:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:216:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:12:in `run'
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit.rb:278
test/functional/admin_staff_controller_test.rb:79
```

7) Error:

test\_update(AdminStaffControllerTest):

ActionView::TemplateError: You have a nil object when you didn't expect it!

You might have expected an instance of Array.

The error occurred while evaluating nil.each

On line #23 of app/views/admin\_staff/\_form.rhtml

```
20: <p>
21:   <label for="staff_director_id">Director</label><br/>
22:   <select name="staff[director_id]">
23:     <% @directors.each do |director| %>
24:       <option value="<%= director.id %>">
25:         <%= director.name %>
26:       </option>
```

#{RAILS\_ROOT}/app/views/admin\_staff/\_form.rhtml:23:in  
`\_run\_rhtml\_47app47views47admin\_staff47\_form46rhtml'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:326:  
in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:326:  
in `compile\_and\_render\_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:301:  
in `render\_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:260:  
in `render\_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:275:  
in `render'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/partials.rb:59:  
in `render\_partial'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:26:in `benchmark'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:307:in `realtime'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:26:in `benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/partials.rb:58:in `render\_partial'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:287:in `render'

#{RAILS\_ROOT}/app/views/admin\_staff/edit.rhtml:4:in  
`\_run\_rhtml\_47app47views47admin\_staff47edit46rhtml'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/helpers/capture\_helper.rb:108:in `call'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/helpers/capture\_helper.rb:108:in `capture\_erb\_with\_buffer'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/helpers/capture\_helper.rb:67:in `capture'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/helpers/form\_tag\_helper.rb:51:in `form\_tag'

#{RAILS\_ROOT}/app/views/admin\_staff/edit.rhtml:3:in  
`\_run\_rhtml\_47app47views47admin\_staff47edit46rhtml'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:326:in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:326:in `compile\_and\_render\_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:301:in `render\_template'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_view/base.rb:260:in `render\_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:806:in `render\_file'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:738:in `render\_with\_no\_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:863:in `render\_without\_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:798:in `render\_action'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:748:in `render\_with\_no\_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/activesupport-1.4.2/lib/active\_support/deprecation.rb:44:in `silence'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:747:in `render\_with\_no\_layout'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/layout.rb:244:in `render\_without\_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:50:in `render'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:50:in `render'

#{RAILS\_ROOT}/app/controllers/admin\_staff\_controller.rb:46:in `update'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:1095:in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:1095:in `perform\_action\_without\_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:632:in `call\_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:638:in `call\_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:438:in `call'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:637:in `call\_filter'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:619:in `perform\_action\_without\_benchmark'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:66:in `perform\_action\_without\_rescue'

C:/InstantRails1.7/ruby/lib/ruby/1.8/benchmark.rb:293:in `measure'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/benchmarking.rb:66:in `perform\_action\_without\_rescue'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/rescue.rb:83:in `perform\_action'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:430:in `send'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/base.rb:430:in `process\_without\_filters'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/filters.rb:624:in `process\_without\_session\_management\_support'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/session\_management.rb:114:in `process\_without\_test'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:15:in `process'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:382:in `process'

C:/InstantRails1.7/ruby/lib/ruby/gems/1.8/gems/actionpack-1.13.3/lib/action\_controller/test\_process.rb:353:in `post'

test/functional/admin\_staff\_controller\_test.rb:74:in `test\_update'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `\_\_send\_\_'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testcase.rb:78:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:34:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `each'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/testsuite.rb:33:in `run'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnermediator.rb:46:in `run\_suite'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:67:in

`start\_mediator'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/console/testrunner.rb:41:in `start'

C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/ui/testrunnerutilities.rb:29:in `run'



```
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:216:in `run'  
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit/autorunner.rb:12:in `run'  
C:/InstantRails1.7/ruby/lib/ruby/1.8/test/unit.rb:278  
test/functional/admin_staff_controller_test.rb:79
```

8 tests, 4 assertions, 0 failures, 7 errors

After the test several errors occurred, from the error log above we can see what is wrong. Most of the issues are `nil.object`.

To deal with that we should use try-catch to handle the exception

Just input the following command at the base path of iAd

```
ruby test/functional/admin_staff_controller_test.rb
```