Redmine - Defect #15872
url_for causes routing problems if a plugin uses namespaces
2014-01-15 11:14 - eyal R

Status: New
Priority: Normal
Assignee: 
Category: Plugin API
Target version: 
Resolution: 

Description

Redmine currently uses a hash parameter as the url to pass to url_for in many places
for example - lib/redmine.rb (pusing items to menu)

I have a complex plugin which uses namespaces for controllers and models.
Since url_for keeps the current namespace it will create the wrong url.

You can read more about the problem here:


Please consider adding "/" to controller when using url_for or use restful paths.
Thanks.

Related issues:
Duplicated by Redmine - Defect # 22048: Exception throws during plugin rendering

Closed

History

#1 - 2014-01-15 14:43 - Etienne Massip
- Category set to Plugin API

Would it work when Redmine is deployed on a subURI?

#2 - 2014-01-15 16:03 - eyal R

I will test.

#3 - 2014-01-19 09:29 - Jean-Philippe Lang

eyal R wrote:

Please consider adding "/" to controller when using url_for or use restful paths.
Thanks.

A patch is welcome, thanks.

#4 - 2015-09-25 19:02 - Gord Brown
Hi, folks,

I ran into this same issue, so here's a patch. All it does is add the necessary forward slashes in 6 spots. I can't guarantee that that I found every occurrence, but it's enough to get my plugin working, so may also be helpful for others. Doesn't seem to break anything (dangerous words, I know...).

The patch is against trunk/14622.

#5 - 2015-09-25 19:06 - Gord Brown

Should add: I haven't tested this with Redmine installed on a sub-URI. Will do that... so wait a bit before applying the patch. :)

#6 - 2015-09-25 20:06 - Gord Brown

Hi again,

Using Apache and Passenger, it does work while installed on a sub-URI, as far as I can tell. Also seems to work under WEBrick, if you tweak "config.ru":

```ruby
require ::File.expand_path("./config/environment", __FILE__)
map '/redmine' do
  run RedmineApp::Application
end
```

Cheers...

#7 - 2015-10-25 05:35 - Toshi MARUYAMA

How about thin and puma?

#8 - 2015-10-26 10:55 - Gord Brown

I don't know... give them a try and let us know!

#9 - 2016-10-26 16:09 - Jérôme BATAILLE

Another issue linked to namespaced controllers is Menu items that use hashed urls with the controller field like:

```ruby
menu.push :my_account, { :controller => 'my', :action => 'account' }, if => Proc.new { User.current.logged? }
```

To fix that, you can patch MenuHelper like this:

```ruby
module MyPlugin
  module MenuHelperPatch
    # Method overridden
  end
end
```
def extract_node_details(node, project=nil)

    item = node
    url = case item.url
          when Hash
            url_hash = item.url.dup
            # Specific : manage controllers in namespaces
            if url_hash.has_key?(:controller) && !url_hash[:controller].starts_with?('/')
              url_hash[:controller] = "/#{url_hash[:controller]}"
            elsif url_hash.has_key?(:controller) && !url_hash[:controller].starts_with?('/')
              url_hash['controller'] = "/#{url_hash['controller']}"
            end
            # END -- Specific : manage controllers in namespaces
            project.nil? ? url_hash : {item.param => project}.merge(url_hash)
          when Symbol
            if project
              send(item.url, project)
            else
              send(item.url)
            end
          else
            item.url
          end
    end

    caption = item.caption(project)
    return [caption, url, (current_menu_item == item.name)]
  end
end

Redmine::MenuManager::MenuHelper.send(:prepend, MyPlugin::MenuHelperPatch)

- Another issue is the layouts/base template
  It has to be overriden for the search links (/search)

#10 - 2019-02-03 03:13 - Go MAEDA
  - Duplicated by Defect #22048: Exception throws during plugin rendering added

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
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<tbody>
<tr>
<td>redmine_patch_leading_fwd_slash.diff</td>
<td>2.69 KB</td>
<td>2015-09-25</td>
<td>Gord Brown</td>
</tr>
</tbody>
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