

Redmine - Defect #15872

url_for causes routing problems if a plugin uses namespaces

2014-01-15 11:14 - eyal R

Status: New	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category: Plugin API	Estimated time: 0.00 hour
Target version:	Affected version:
Resolution:	
Description	
<p>Redmine currently uses a hash parameter as the url to pass to url_for in many places for example - lib/redmine.rb (pushing items to menu)</p> <p>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.</p> <p>You can read more about the problem here:</p> <p>http://blog.enriquez.me/2010/2/21/namespaced-controller-and-link-to-helper-in-rails/</p> <p>Please consider adding "/" to controller when using url_for or use restful paths.</p> <p>Thanks.</p>	
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

- File redmine_patch_leading_fwd_slash.diff added

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":

```
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 :

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

To fix that, you can patch MenuHelper like this :

```
module MyPlugin
  module MenuHelperPatch
    # Method overridden
```

```

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

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

```

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

#10 - 2019-02-03 03:13 - Go MAEDA

- Duplicated by Defect #22048: Exception throws during plugin rendering added

Files

redmine_patch_leading_fwd_slash.diff	2.69 KB	2015-09-25	Gord Brown
--------------------------------------	---------	------------	------------