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:				
Resolution:			**Affected version:**	

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: http://blog.enriquez.me/2010/2/21/namespaced-controller-and-link-to-helper-in-rails/   Please consider adding "/" to controller when using url_for or use restful paths. Thanks.

Related issues:		
Has duplicate 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 overriden
    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 overriden for the search links (/search)

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

- Has duplicate Defect #22048: Exception throws during plugin rendering added

Files

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