redmine.org-copy202205 - Vote #72522

FCGI mode does not support sub-URI

2022/05/09 16:22 - Admin Redmine

:	Confirmed	:		2022/05/09
:		:		
:		:		90%
:	Project settings_43	:		0.00
:	Candidate for next minor release_33	:		0.00
Redmineorg_URL:	https://www.redmine.org/issues/11881	**status_id:**		9
category_id:	43	**tracker_id:**		1
version_id:	33	**plus1:**		1
issue_org_id:	11881	**affected_version:**		
author_id:	63495	**closed_on:**		
assigned_to_id:	0	**affected_version_id:**		43
comments:	21			

Hi,
i installed redmine in a subdir /redmine.

My Setup: Redhat5,apache with fcgid

Every links in Redmine are generated correct, e.g. /redmine/projects/bal and so on. But if i go to my projectssettings
(/redmine/projects/myproject/settings) some links are not generated correctly.

Tab Members, if i try to change the role -> 404 (The requested URL /memberships/8 was not found on this server. (/redmine/ is
missing)

Tab Repositries
edit/del/user-links for an existing repro are not working, same like above:

User
Edit
Delete

my Config:
environment.rb:Redmine::Utils::relative_url_root = "/redmine"
environment.rb:ActionController::Base.relative_url_root = "/redmine"

routes.rb (had to add scope and end):
RedmineApp::Application.routes.draw do
scope "/redmine" do
....

end

journals

Environment:
Redmine version   2.1.0.stable
Ruby version   1.8.7 (x86_64-linux)
Rails version   3.2.8
Environment   production

Database adapter   MySQL

+1

a half duplicate #11274

What's your Apache/.htaccess Redmine specific configuration looks like?

If you don't have any URL rewriting directive, i.e. Rails is handling application routes and assets URLs generation alone, then you could try to:

- remove your changes in both @environment.rb@ and @routes.rb@
- add this single line in @environment.rb@ right +before+ the call to @RedmineApp::Application.initialize!@:

    RedmineApp::Application.routes.default_scope   =   '/redmine'

    --- hi, my .htaccess looks like

#diff htaccess.fcgi.example .htaccess
32a33

    RewriteBase /redmine

i changed my config to your suggestion. Now css and js-links are also wrong: /css/.. and /js/... instead of /redmine/css.

everythings else is working, but not the repository-settings. Same error as above.

My apache conf for redmine:

#redmine
Alias /redmine /var/opt/apache/myvirthost/redmine/public/

Jonathan Tee wrote:

> i changed my config to your suggestion. Now css and js-links are also wrong: /css/.. and /js/... instead of /redmine/css.

My bad, you should keep the @Redmine::Utils::relative_url_root = '/redmine'@ in @environment.rb@ after the call to @initialize!@.

> everythings else is working, but not the repository-settings. Same error as above.

It works fine for me and links are correctly generated, could that be a plugin issue?

Etienne Massip wrote:

> My bad, you should keep the @Redmine::Utils::relative_url_root = '/redmine'@ in @environment.rb@ after the call to @initialize!@.

ok, added again. Now css and js-url works fine.

> It works fine for me and links are correctly generated, could that be a plugin issue?
> i removed all plugins, but same error.

What i don't understand when i look into the view _repositories.html.erb is how the urls are generated:

committers_repository_path(repository)
edit_repository_path(repository)
repository_path(repository)

doesn't work, but
new_project_repository_path(@project)
works

are these functions? if yes where can i find the definition?

Jonathan Tee wrote:

> are these functions? if yes where can i find the definition?

They are convenience methods automatically created by Rails from the routes definition.

As you set the scope for routes, I don't get why these specific ones wouldn't be treated like the others.

What gives you @rake routes RAILS_ENV=production@?

What about running (in production mode) with Webrick (you need to comment out the @Redmine::Utils::relative_url_root = '/redmine'@ to test it)?

I have run Redmine in multiple sub-URI and have no issues with it.

Maybe somebody should update http://www.redmine.org/projects/redmine/wiki/HowTo_Install_Redmine_in_a_sub-URI or any related wiki on sub-URI.

You *don't need* to set Redmine::Utils::relative_url_root = "/redmine".

Below are the steps if you using apache assuming /var/www is your root directory and you have untar your Redmine to /opt/redmine.
BTW, I am using Apache with Passenger.

- Create the symbolic link

  ln   -s   /opt/redmine/public   /var/www/redmine

- in /etc/httpd/conf.d/redmine.conf

  RailsEnv   production
  RailsBaseURI   /redmine
  PassengerResolveSymlinksInDocumentRoot   on

  Abdul Halim Mat Ali wrote:

  > I have run Redmine in multiple sub-URI and have no issues with it.

Abdul, just to make sure, are you using Redmine 2.x?

Yes. 2.1.0.

BTW, call me Halim.

and I have edited the symbolic link to

ln   -s   /opt/redmine/public   /var/www/redmine

Etienne Massip wrote:

> What gives you @rake routes RAILS_ENV=production@?
> interesting...
> all entries have a /redmine-prefix except

membership	GET	/memberships/:id(.:format)

bers#show

	PUT	/memberships/:id(.:format)
#update		
	DELETE	/memberships/:id(.:format)
s#destroy		
edit_issue_category GET		/issue_categories/:id/edit(.:format)
ategories#edit		
issue_category GET		/issue_categories/:id(.:format)
tegories#show		
	PUT	/issue_categories/:id(.:format)
gories#update		
	DELETE	/issue_categories/:id(.:format)
egories#destroy		
committers_repository GET¦POST		/repositories/:id/committers(.:format)
positories#committers		
edit_repository GET		/repositories/:id/edit(.:format)
es#edit		
repository PUT		/repositories/:id(.:format)
es#update		
	DELETE	/repositories/:id(.:format)
s#destroy		
relation GET		/relations/:id(.:format)
ons#show		
	DELETE	/relations/:id(.:format)
ons#destroy		

if i look into routes.rb, all these entries have ":shallow => true"

You can try:

RedmineApp::Application.routes.default_scope = { :path => '/redmine', :shallow_path => '/redmine' }

But that shallow_path should already be inherited from path. Are you sure you didn't change any other configuration setting somewhere? -- thanks, you did it. Now it works :-) now my environment.rb looks like:

...
RedmineApp::Application.routes.default_scope = { :path => '/redmine', :shallow_path => '/redmine' }

Initialize the rails application
RedmineApp::Application.initialize!
Redmine::Utils::relative_url_root = '/redmine'

I've checked all my configs again but i'm quite sure i did not change other settings. But i know that i didn't changed any core files. Just the files in the config dir:

Jonathan Tee wrote:

> thanks, you did it. Now it works :-)

> now my environment.rb looks like:
> [...]

> I've checked all my configs again but i'm quite sure i did not change other settings. But i know that i didn't changed any core files. Just the files in the config dir.

Jonathan,

I have probably similar problem (#12102), unfortunately advice with RedmineApp::Application.routes.default_scope don't help fix it.

source:/tags/2.1.2/public/dispatch.fcgi.example should set @env['SCRIPT_NAME']@ to the value of @Redmine::Utils::relative_url_root@.

Note: I tried posting this to: http://www.redmine.org/boards/2/topics/30676?r=30881
where it seems it would be most useful, but I always get 'posting denied as spam'

Working Redmine subdir/nginx:

- Redmine 2.2.0 (fresh install)
- no plugins
- ruby 1.9.3p327 (2012-11-10 revision 37606) [x86_64-linux]
- rails (3.2.9)
- passenger (3.0.18)
- nginx version: nginx/1.2.4

as per:
[[[http://www.redmine.org/issues/11881#note-14]]]

config/environment.rb:

RedmineApp::Application.routes.default_scope = { :path => '/redmine', :shallow_path => '/redmine' }
RedmineApp::Application.initialize!
Redmine::Utils::relative_url_root = '/redmine'

nginx.conf: (mostly unchanged)

```
http {

        passenger_root   /usr/local/rvm/gems/ruby-1.9.3-p327/gems/passenger-3.0.18;
        passenger_ruby   /usr/local/rvm/wrappers/ruby-1.9.3-p327/ruby;

        server {
                listen              80;
                server_name      localhost;

                location  /redmine  {
                        root   /usr/local/redmine/public;
                        passenger_enabled   on;
                }
        }
}
```

THEN, create soft link in the public directory:

```
cd  redmine/public
ln  -s  .  redmine
```

no chance to get this fixed in next major or minor release :(?

related_issues

relates,New,11274,Repository edit link is incorrect when running in a sub-URI
relates,New,11886,Broken link while edit/delete "Issue Category" under project in Redmine 2.1.0
relates,New,12102,Installed Redmine in a sub-URI: Links are generated not correctly
relates,Closed,12420,URLs in notification emails do not include the sub-URI

#1 - 2022/05/10 17:15 - Admin Redmine

- *Project settings_43*

- *Candidate for next minor release_33*