

## Redmine - Defect #11881

### FCGI mode does not support sub-URI

2012-09-19 16:03 - Jonathan Tee

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	90%
<b>Category:</b>	Project settings	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	2.0.0
<b>Resolution:</b>	Wont fix		
<b>Description</b>			
<p>Hi, i installed redmine in a subdir /redmine.</p> <p>My Setup: Redhat5,apache with fcgid</p> <p>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.</p> <p>Tab Members, if i try to change the role -&gt; 404 (The requested URL /memberships/8 was not found on this server. (/redmine/ is missing)</p> <p>Tab Repositories edit/del/user-links for an existing repro are not working, same like above:</p> <pre>&lt;a href="/repositories/7/commiters" class="icon icon-user"&gt;User&lt;/a&gt; &lt;a href="/repositories/7/edit" class="icon icon-edit"&gt;Edit&lt;/a&gt; &lt;a href="/repositories/7" class="icon icon-del" data-confirm="Are you sure?" data-method="delete" rel="nofollow"&gt;Delete&lt;/a&gt;</pre> <p>my Config: environment.rb:Redmine::Utils::relative_url_root = "/redmine" environment.rb:ActionController::Base.relative_url_root = "/redmine"</p> <p>routes.rb (had to add scope and end): RedmineApp::Application.routes.draw do scope "/redmine" do .... end</p>			
<b>Related issues:</b>			
Related to Redmine - Defect #11274: Repository edit link is incorrect when ru...		<b>Closed</b>	
Related to Redmine - Defect #11886: Broken link while edit/delete "Issue Cate...		<b>New</b>	
Related to Redmine - Defect #12102: Installed Redmine in a sub-URI: Links are...		<b>New</b>	
Related to Redmine - Defect #12420: URLs in notification emails do not includ...		<b>Closed</b>	

### History

#### #1 - 2012-09-19 16:08 - Jonathan Tee

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

#### #2 - 2012-09-19 18:37 - Jean-Philippe Lang

- Status changed from Resolved to New

#### #3 - 2012-09-19 19:26 - Den Iskandarov

+1

**#4 - 2012-09-20 10:01 - Jonathan Tee**

a half duplicate [#11274](#)

**#5 - 2012-10-06 16:27 - Etienne Massip**

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'
```

**#6 - 2012-10-08 11:33 - Jonathan Tee**

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/
```

**#7 - 2012-10-08 14:04 - Etienne Massip**

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?

**#8 - 2012-10-08 16:03 - Jonathan Tee**

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([Herve Harster](#))  
works

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

#### #9 - 2012-10-08 17:48 - Etienne Massip

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)?

#### #10 - 2012-10-09 07:08 - Abdul Halim Mat Ali

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](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

```
<Location /redmine>
  RailsEnv production
  RailsBaseURI /redmine
  PassengerResolveSymlinksInDocumentRoot on
</Location>
```

#### #11 - 2012-10-09 10:35 - Etienne Massip

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?

#### #12 - 2012-10-09 13:25 - Abdul Halim Mat Ali

Yes. 2.1.0.

BTW, call me Halim.

and I have edited the symbolic link to

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

#### #13 - 2012-10-10 15:53 - Jonathan Tee

Etienne Massip wrote:

What gives you rake routes RAILS\_ENV=production?

interesting...

all entries have a /redmine-prefix except

```
membership GET /memberships/:id(.:format)
members#show
      PUT /memberships/:id(.:format)
      members#update
      DELETE /memberships/:id(.:format)
      members#destroy
edit_issue_category GET /issue_categories/:id/edit(.:format)
      issue_categories#edit
issue_category GET /issue_categories/:id(.:format)
      issue_categories#show
      PUT /issue_categories/:id(.:format)
      issue_categories#update
      DELETE /issue_categories/:id(.:format)
      issue_categories#destroy
committers_repository GET|POST /repositories/:id/committers(.:format)
      repositories#committers
edit_repository GET /repositories/:id/edit(.:format)
      repositories#edit
      repository PUT /repositories/:id(.:format)
      repositories#update
      DELETE /repositories/:id(.:format)
      repositories#destroy
      relation GET /relations/:id(.:format)
      issue_relations#show
      DELETE /relations/:id(.:format)
      issue_relations#destroy
```

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

#### #14 - 2012-10-10 16:36 - Etienne Massip

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?

#### #15 - 2012-10-10 17:23 - Jonathan Tee

- % Done changed from 0 to 90

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.

#### #16 - 2012-10-15 15:45 - Dmitry Vorobiev

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.

**#17 - 2012-10-25 13:57 - Etienne Massip**

- Subject changed from *Installed Redmine in a sub-URI: Links are generated not correctly in Settings ->Error 404 to FCGI mode does not support sub-URI*

- Status changed from *New* to *Confirmed*

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

**#18 - 2012-10-25 13:58 - Etienne Massip**

- Target version set to *Candidate for next minor release*

**#19 - 2012-10-25 13:58 - Etienne Massip**

- Priority changed from *High* to *Normal*

**#20 - 2012-12-22 20:23 - Bill Levering**

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:

[\[\[http://www.redmine.org/issues/11881#note-14\]\]](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
```

**#21 - 2013-03-07 07:55 - Den Iskandarov**

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

**#22 - 2024-01-28 02:08 - Go MAEDA**

- *Status changed from Confirmed to Closed*
- *Target version deleted (Candidate for next minor release)*
- *Resolution set to Wont fix*

I am closing this issue because FastCGI support will be removed in the upcoming Redmine 6.0.0 ([#40092](#)).