

Redmine - Defect #31085

Hosting redmine at a suburl doesn't work anymore in 4.0

2019-03-22 17:23 - Bernhard Loos

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Affected version:	4.0.3
Resolution:			
<b>Description</b> I'm trying to configure redmine for a suburl like <a href="http://server/redmine">http://server/redmine</a> . In Redmine 3.4, I got it working by adding 'RedmineApp::Application.routes.default_scope = ENV.fetch("RAILS_RELATIVE_URL_ROOT", "/")' to config/additional_environment.rb and setting RAILS_RELATIVE_URL_ROOT, but in Redmine 4.0 this produces an exception. I tried various other things from <a href="#">HowTo Install Redmine in a sub-URI</a> but all of them had various problems (actually, none of them were really working for 3.4 but ohh well).			
<b>Related issues:</b> Has duplicate Redmine - Defect #32318: Redmine 4.0 can not be installed in a ... <span>Closed</span>			

History

#1 - 2019-03-22 17:24 - Bernhard Loos

Exception trace:  
rake aborted!  
The direct method can't be used inside a routes scope block  
/usr/local/bundle/gems/actionpack-5.2.2/lib/action\_dispatch/routing/mapper.rb:2099:in `direct'  
/usr/local/bundle/gems/activestorage-5.2.2/config/routes.rb:6:in `block in <top (required)>'  
/usr/local/bundle/gems/actionpack-5.2.2/lib/action\_dispatch/routing/mapper.rb:641:in `instance\_exec'  
/usr/local/bundle/gems/actionpack-5.2.2/lib/action\_dispatch/routing/mapper.rb:641:in `block in with\_default\_scope'  
/usr/local/bundle/gems/actionpack-5.2.2/lib/action\_dispatch/routing/mapper.rb:879:in `scope'  
/usr/local/bundle/gems/actionpack-5.2.2/lib/action\_dispatch/routing/mapper.rb:640:in `with\_default\_scope'  
/usr/local/bundle/gems/actionpack-5.2.2/lib/action\_dispatch/routing/route\_set.rb:430:in `eval\_block'  
/usr/local/bundle/gems/actionpack-5.2.2/lib/action\_dispatch/routing/route\_set.rb:414:in `draw'  
/usr/local/bundle/gems/activestorage-5.2.2/config/routes.rb:3:in `<top (required)>'  
/usr/local/bundle/gems/activerecord-5.2.2/lib/active\_record/dependencies.rb:285:in `load'  
/usr/local/bundle/gems/activerecord-5.2.2/lib/active\_record/dependencies.rb:285:in `block in load'  
/usr/local/bundle/gems/activerecord-5.2.2/lib/active\_record/dependencies.rb:257:in `load\_dependency'  
/usr/local/bundle/gems/activerecord-5.2.2/lib/active\_record/dependencies.rb:285:in `load'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/application/routes\_reloader.rb:41:in `block in load\_paths'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/application/routes\_reloader.rb:41:in `each'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/application/routes\_reloader.rb:41:in `load\_paths'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/application/routes\_reloader.rb:20:in `reload!'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/application/routes\_reloader.rb:30:in `block in updater'  
/usr/local/bundle/gems/activerecord-5.2.2/lib/active\_record/file\_update\_checker.rb:83:in `execute'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/application/routes\_reloader.rb:10:in `execute'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/application/finisher.rb:130:in `block in <module:Finisher>'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/initializable.rb:32:in `instance\_exec'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/initializable.rb:32:in `run'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/initializable.rb:61:in `block in run\_initializers'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/initializable.rb:60:in `run\_initializers'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/application.rb:361:in `initialize!'  
/usr/src/redmine/config/environment.rb:14:in `<top (required)>'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/application.rb:337:in `require'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/application.rb:337:in `require\_environment!'  
/usr/local/bundle/gems/railties-5.2.2/lib/rails/application.rb:520:in `block in run\_tasks\_blocks'  
Tasks: TOP => db:migrate => db:load\_config => environment

#2 - 2019-03-26 02:55 - Pavel Rosický

try this

```
config.ru
require ::File.expand_path('../config/environment', __FILE__)
```

```
map ENV['RAILS_RELATIVE_URL_ROOT'] || '/' do
  run Rails.application
end
```

and don't forget to set the variable in your environment, for example

```
/etc/systemd/system/unicorn.service
[Service]
Environment=RAILS_RELATIVE_URL_ROOT=/redmine
...
```

### #3 - 2019-04-01 14:36 - Bernhard Loos

- Status changed from New to Resolved

This seems to work, thank you.

### #4 - 2019-04-03 19:59 - Toshi MARUYAMA

- Description updated

### #5 - 2019-04-03 20:05 - Toshi MARUYAMA

- Status changed from Resolved to Closed

Thank you for your feedback.

### #6 - 2019-04-08 13:39 - Vincent Robert

- Affected version changed from 4.0.2 to 4.0.3

I met exactly the same issue today, upgrading from 3.4 to 4.0.

Thank you Pavel for this solution. It works great!

### #7 - 2019-06-27 18:37 - VVD VVD

Doesn't work for me on fresh installation of 4.0.4 + apache 2.4.39 + passenger 6.0.2. Tried with mod\_proxy and without.

Can you show your apache httpd-vhost.conf?

What changes you made in redmine files (config.ru, config/environment.rb, etc.)?

Thanks!

### #8 - 2019-06-28 00:07 - VVD VVD

It work now.

My configs:

```
$ cat /usr/local/etc/apache24/extra/httpd-vhosts.conf
```

```
<VirtualHost *>
  DocumentRoot "/opt/www"
  ServerName hostname.domain.local
  ServerAlias hostname
  <Directory "/opt/www">
    Options -Indexes -MultiViews
    AllowOverride none
    Require all granted
  </Directory>
  <IfModule mod_proxy.c>
    ProxyTimeout 1800
    ProxyRequests Off
    <Proxy *>
      Require all granted
    </Proxy>
    ProxyPass /redmine http://hostname-redmine/redmine
    ProxyPassReverse /redmine http://hostname-redmine/redmine
  </IfModule>
</VirtualHost>
```

```
LoadModule passenger_module /usr/local/lib/ruby/gems/2.6/gems/passenger-6.0.2/buildout/apache2/mod_passenger.so
```

```
PassengerRoot /usr/local/lib/ruby/gems/2.6/gems/passenger-6.0.2
PassengerRuby /usr/local/bin/ruby
PassengerDefaultUser www
PassengerMaxPoolSize 16
PassengerMaxInstancesPerApp 0
```

```
<VirtualHost *>
  DocumentRoot "/opt/redmine/public"
  #Alias /redmine "/opt/redmine/public"
  ServerName hostname-redmine.domain.local
  ServerAlias hostname-redmine
  RailsEnv production
  <Directory "/opt/redmine/public">
    Options -Indexes +ExecCGI +FollowSymLinks -MultiViews
    AllowOverride none
    Require all granted
    SetEnv RAILS_RELATIVE_URL_ROOT "/redmine"
  </Directory>
</VirtualHost>
```

```
$ cat /opt/redmine/config.ru
```

```
# This file is used by Rack-based servers to start the application.

require ::File.expand_path('../config/environment', __FILE__)
map ENV['RAILS_RELATIVE_URL_ROOT'] || '/' do
  run Rails.application
end
```

Users open in browsers URLs:

- <http://hostname.domain.local> - some custom static content;
- <http://hostname.domain.local/redmine> - Redmine.

#### #9 - 2019-10-14 13:44 - Robert Auer

Hi!

I am trying to install Redmine 4.0.4 in a Docker container and I want to make it accessible under the '/redmine' sub-URI. I'm experiencing the same problem as described in post 1 and have tried all your solutions already but nothing is working.

Has someone got another solution or can explain what the problem is exactly?

Thanks!

PS: Description of my environment:

PostgreSQL 9.6.10  
ruby 2.5.5p157 (2019-03-15 revision 67260)  
Rails 5.2.3  
Redmine 4.0.4 in alpine linux 3.9.4 Docker container

#### #10 - 2019-10-22 12:01 - Robert Auer

Found a solution for my problem, see <https://www.redmine.org/issues/32318#note-1>

#### #11 - 2019-10-22 12:50 - Marius BĂLTEANU

- Has duplicate Defect #32318: Redmine 4.0 can not be installed in a sub-URI any more added

#### #12 - 2021-07-12 04:04 - keineahnung 2345

Thanks, [pavel ochman](#) Rosický's solution works for me.  
I am using Redmine 4.1.1.

The following is the methods that don't work for me: [https://www.redmine.org/projects/redmine/wiki/HowTo\\_Install\\_Redmine\\_in\\_a\\_sub-URI](https://www.redmine.org/projects/redmine/wiki/HowTo_Install_Redmine_in_a_sub-URI), <https://www.phusionpassenger.com/library/deploy/apache/deploy/ruby/#deploying-an-app-to-a-sub-uri-or-subdirectory> and <https://stackoverflow.com/questions/17753631/how-to-deploy-rails-app-on-subdomain-root-with-apache-and-passenger/17764475>.