

Redmine - Defect #20776

Redmine in a sub-URI does not work

2015-09-18 09:17 - Anton Wiedermann

Status:	Closed	Start date:	
Priority:	High	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Affected version:	3.1.0
Resolution:	Invalid		

Description

I'm trying to run Redmine 3.1-stable on an Apache httpd together with some other apps to support the development. To make tools comfortably accessible I want all of them to run on the same port 80. VirtualHost running passenger runs on port 3000 without any problems, and I can work with Redmine there. I have httpd proxy defined for /redmine and that works fine but even after defining Redmine::Utils::relative_url_root = "/redmine" Redmine does not work correctly. Resources load fine (css, js) but links inside application are not prefixed.

I tried several approaches and (desperately) their combinations from [HowTo Install Redmine in a sub-URI](#) but nothing works. There are other resources referenced from the page which I tried as well without any success. I have also searched for issues on redmine.org and tried few things/patches from there and still no luck.

[version information](#)[version information](#)

Redmine version	3.1.0.stable.14601
Ruby version	2.2.3-p173 (2015-08-18) [x86_64-linux]
Rails version	4.2.4
Database adapter	Mysql2

There are many discussions around this but all seem to be several years old so either I'm missing something or this is bug reintroduced?

History

#1 - 2015-09-18 09:20 - Anton Wiedermann

now after some more searching I found [Problem running Redmine on a subfolder](#) which (is recent so I'm not the only one!! :)) seems to suggest one possible solution, not sure if appropriate though (I'm no ruby/rails expert and I'd prefer if this worked out of the box)

#2 - 2015-09-18 09:54 - Toshi MARUYAMA

- Status changed from New to Closed

- Resolution set to Invalid

Please use forum for questions.

It depends on web servers (passenger, thin, puma, etc.).

#3 - 2015-09-18 14:12 - Anton Wiedermann

figured it out after all... easy! :)

Perhaps this will help someone save few hours of work.. (I will not explain the values but it's not that difficult to understand once it's all written down in one place)

1. append `Redmine::Utils::relative_url_root = '/redmine'` to `redmine/conf/environment.rb`
2. create passenger virtual host on port 3000 for redmine with sub-uri /redmine ... > `vim /etc/httpd/conf.d/redmine.conf`

```
Listen 3000
<VirtualHost *:3000>
  ServerName 127.0.0.1
  # document root for this server
  DocumentRoot /var/www/redmine/public
  # passenger config
```

```
PassengerRuby /usr/local/bin/ruby
PassengerAppRoot /var/www/redmine
PassengerBaseURI /redmine
PassengerDefaultUser redmine
# rails config
RailsBaseURI /redmine
RailsEnv production
# Relax Apache security settings
<Directory /var/www/redmine/public>
  Allow from all
  Options -MultiViews
  # Uncomment this if you're on Apache >= 2.4:
  # Require all granted
</Directory>
</VirtualHost>
```

3. create proxy from port 80 and /redmine to the redmine virtual host ... > vim /etc/httpd/conf/httpd.conf

```
<VirtualHost *:80>
  ServerName server
  ServerAlias www.server
  ProxyPass /redmine http://localhost:3000/redmine
  ProxyPassReverse /redmine http://localhost:3000/redmine
</VirtualHost>
```