

GNU/Linux Administration - Support #281

Upgrading Phusion Passenger on Debian

12/30/2013 11:04 AM - Daniel Curtis

Status:	Closed	Start date:	12/30/2013
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	90%
Category:	Web Server	Estimated time:	1.00 hour
Target version:		Spent time:	3.00 hours

Description

I encountered a problem where I needed to have multiple versions of Ruby on the same instance of Phusion Passenger. I found a forum online that mentioned that starting with Passenger 4 multiple PassengerRuby definitions in the virtual host configuration can be used. The problem being Debian Wheezy currently uses Passenger 3. Upgrading Passenger is not difficult.

- First install the Passenger gem:

```
sudo gem install passenger
```

- Then run the installer script:

```
sudo passenger-install-apache2-module
```

- Then update the Apache module configurations:

```
sudo vi /etc/apache2/modules-available/passenger.conf
```

And replace the contents with:

```
PassengerRoot /var/lib/gems/1.9.1/gems/passenger-4.0.29
PassengerDefaultRuby /usr/bin/ruby1.9.1
```

And also:

```
sudo vi /etc/apache2/modules-available/passenger.load
```

And replace the contents with:

```
LoadModule passenger_module /var/lib/gems/1.9.1/gems/passenger-4.0.29/buildout/apache2/mod_passenger.so
```

Troubleshooting

I got an error after restarting apache:

```
sudo service apache2 restart
```

```
Syntax error on line 8 of /etc/apache2/sites-enabled/puppetmaster:
Invalid command 'RackAutoDetect', perhaps misspelled or defined by a module not included in the server configuration
Action 'configtest' failed.
```

To fix this, I had to edit the /etc/apache2/sites-enabled/puppetmaster and remove the following lines:

```
RackAutoDetect Off
```

RailsAutoDetect Off

I also encountered a problem with getting the correct version of Ruby to run for the puppet master server. The problem was that I had the PassengerRuby directive set globally in the virtual host configuration, this is a problem because PassengerDefaultRuby is set to a different version of ruby. The fix was simple, by removing the PassengerRuby directive from the global virtual host and replacing it inside of the virtual directory configuration.

History

#1 - 12/30/2013 10:02 PM - Daniel Curtis

- Description updated
- Status changed from In Progress to Resolved
- % Done changed from 30 to 90
- Private changed from Yes to No

#2 - 01/02/2014 01:24 AM - Daniel Curtis

- Description updated
- Status changed from Resolved to Closed

#3 - 02/16/2015 02:12 PM - Daniel Curtis

- Project changed from 57 to GNU/Linux Administration
- Category set to Web Server