

DuckCorp Infrastructure - Enhancement #732

passenger: a better path for restart.txt

2021-09-12 18:55 - Pierre-Louis Bonicoli

Status:	Resolved	Start date:	2021-09-12
Priority:	Normal	Due date:	
Assignee:	Pierre-Louis Bonicoli	% Done:	100%
Category:		Estimated time:	0:00 hour
Target version:		Entity:	DuckCorp
Patch Available:		Security:	No
Confirmed:	Yes	Help Needed:	No
Branch:			
Description			
Following https://projects.duckcorp.org/issues/718#note-10 :			
Passenger looks for restart.txt below /usr/share/redmine/tmp/ directory (thanks strace).			
Setting either PassengerAppRoot or PassengerRestartDir would allow to use a better directory something like /var/lib/redmine/dc/tmp/restart.txt.			
Related issues:			
Related to DuckCorp Infrastructure - Bug #718: redmine: unable to register a ...			Resolved 2021-02-12

History

#1 - 2021-09-12 23:06 - Pierre-Louis Bonicoli

- Related to Bug #718: redmine: unable to register a new account added

#2 - 2021-09-12 23:15 - Pierre-Louis Bonicoli

Fixed by [ansible-role-redmine|315f45da67f8b531563c2c09be6395d01948a4ee](#).

Tested with dc instance on Touthirou:

```
root@Touthirou:~# ps aux|grep redmine_
www-data 17860 1.8 0.2 407760 141920 ?        S1   22:28   0:02 Passenger RubyApp: redmine_md
www-data 17870 0.5 0.2 407860 131908 ?        S1   22:28   0:00 Passenger RubyApp: redmine_md
www-data 25087 4.0 0.2 407772 142832 ?        S1   22:29   0:02 Passenger RubyApp: redmine_dc
www-data 25122 0.8 0.2 407872 127120 ?        S1   22:29   0:00 Passenger RubyApp: redmine_dc
root@Touthirou:~# touch /var/cache/redmine/dc/tmp/restart.txt
root@Touthirou:~# ps aux|grep Pas
www-data 4663 21.6 0.2 407760 137860 ?        S1   22:32   0:00 Passenger RubyApp: redmine_dc
www-data 4671 19.3 0.2 407860 134824 ?        S1   22:32   0:00 Passenger RubyApp: redmine_dc
www-data 17860 1.5 0.2 407760 148476 ?        S1   22:28   0:03 Passenger RubyApp: redmine_md
www-data 17870 0.2 0.2 407860 131908 ?        S1   22:28   0:00 Passenger RubyApp: redmine_md
```

The redmine DC instance only has been restarted, the redmine md instance hasn't.

#3 - 2021-09-13 00:38 - Pierre-Louis Bonicoli

- Status changed from New to Resolved

- % Done changed from 0 to 100

Applied with:

```
ansible-playbook playbooks/tenants/arnau/web/projects.mini-dweeb.org.yml -vv --diff
ansible-playbook playbooks/tenants/duckcorp/web/projects.duckcorp.org.yml -vv --diff
```

#4 - 2021-09-13 18:31 - Marc Dequènes

- Status changed from Resolved to Feedback

I don't understand what's going on. In the past that worked fine. The app directory is supposed to be set to `/var/lib/redmine/<instance>` and the tmp directory inside points to `/var/cache/redmine/<instance>/tmp`.

I understand using `PassengerRestartDir` fixes the restart problem but I wonder why the behavior changed and also what other consequences it may have: for eg if saving attachments in tickets is not gonna fail etc. I guess it works thanks to the multi-instance patch but that's still weird because I'm totally sure it worked before. Also this is conform to `~/usr/share/doc/redmine/examples/apache2-passenger-host.conf`. So either something is still wrong on our side or something changed and the example config in the packager also need to be updated but I have no idea which.

#5 - 2021-09-13 19:49 - Pierre-Louis Bonicoli

Marc Dequènes wrote:

I don't understand what's going on. In the past that worked fine.

It didn't work [seven months ago](#).

The app directory is supposed to be set to `/var/lib/redmine/<instance>`

What do you mean by app directory ? Which Passenger variable is that ?

and the tmp directory inside points to `/var/cache/redmine/<instance>/tmp`.

The paths where `restarts.txt` are in this order:

1. `PassengerAppRoot + "/tmp/restart.txt"` if `PassengerRestartDir` isn't defined
2. `PassengerRestartDir + "/restart.txt"` if `PassengerRestartDir` starts with "/"
3. `PassengerAppRoot + PassengerRestartDir + "/restart.txt"`

I understand using `PassengerRestartDir` fixes the restart problem but I wonder why the behavior changed and also what other consequences it may have: for eg if saving attachments in tickets is not gonna fail etc.

Are attachments stored below `PassengerRestartDir` ?

I guess it works thanks to the multi-instance patch but that's still weird because I'm totally sure it worked before. Also this is conform to `/usr/share/doc/redmine/examples/apache2-passenger-host.conf`. So either something is still wrong on our side or something changed and the example config in the packager also need to be updated but I have no idea which.

By default:

- [Passenger assumes that the application's root directory is the parent directory of the DocumentRoot](#)
- `/usr/share/doc/redmine/examples/apache2-passenger-host.conf` defines `DocumentRoot /usr/share/redmine/public` then `/usr/share/redmine/public/./tmp/restart.txt` is used.

Both `/usr/share/doc/redmine/examples/apache2-passenger-host.conf` and `/usr/share/redmine/bin/redmine-instances` could be updated. If you agree with the previous change I suggest to I send a patch :)

#6 - 2021-09-14 04:58 - Marc Dequènes

- *Status changed from Feedback to Resolved*

So I guess my recollection is from an older time then, probably at a time when I was not taking care of the package and things may have been different.

I looked into the current patch and all paths are adapted in the code, not just postinst tasks. And despite `/var/lib/redmine/<instance>` having a few symlinks this is clearly not sufficient to be the app root. I was referring to the fact you can set the root independently of the `DocumentRoot` using `PassengerAppRoot` and was expecting it to be set differently for each instance. Attachments are not stored in `PassengerRestartDir` but since the app root is not what I thought it should be in `/var/lib`, then I wondered how they would end-up being saved in `/var/lib/redmine/<instance>/files/` but the patch does the trick.

I'm sorry I was too tired to look at the patch yesterday but I wanted to write down this concern. Anyway, I did not recall correctly and the patch does all the path adaptation and the restart seem to be the only piece broken, I'll update the config example in the package, no need to create a patch.

Thanks for helping clarifying.