Packages - Feature Request #2783

guix does not work with openrc after migration from systemd

2020-05-20 04:50 PM - jgart

Status:	open	**% Done:**	0%
Priority:	bug		
Assignee:			
Category:			

Description

Hi,

I migrated over to openrc and I can't run the guix daemon now because it was dependent on systemctl. How should I migrate guix over to openrc? Should I just create an init script or is there more I should be configuring? Any help is greatly appreciated!

History

#1 - 2020-05-20 05:39 PM - bill-auger

it probably just needs some init scripts - surely you could
start it manually - i dont suppose that guix actually depends on
systemd

#2 - 2020-05-21 09:47 PM - jgart

I was able to start guix manually with the following command:

~ $ sudo /var/guix/profiles/per-user/root/current-guix/bin/guix-daemon --build-users-group=guixbuild
[sudo] password for jgart:
guile: warning: failed to install locale

accepted connection from pid 9654, user jgart

Should I reopen this as a feature request for adding an openrc init script to the guix packaged in the parabola repositories?

The version that is currently packaged here https://git.parabola.nu/abslibre.git/tree/pcr/guix looks like it only supports a system running systemd.

I imagine we would have to update that package to the current version and also add an init script for openrc.

Should there be a guix-openrc and a guix-systemd in the parabola repositories or should it be just be one package that asks the user which init script they want when installing via pacman?

#3 - 2020-05-22 02:36 AM - jgart

I was able to register this openrc init file for guix-daemon successfully:

```
#! /sbin/openrc-run

description="guix build daemon"
command="/var/guix/profiles/per-user/root/current-guix/bin/guix-daemon"
command_args="--build-users-group=guixbuild"
command_background=true
pidfile="/run/guix-daemon.pid"
```

It is a modification of this:

https://issues.guix.gnu.org/issue/40601#28

I couldn't get the localstatedir syntax to run successfully in Vincent's code. The above works for me for now.

The following commands work as expected now on parabola:

sudo rc-update add guix-daemon
sudo rc-service guix-daemon start
sudo rc-service guix-daemon start

If anybody has suggestions and incites about this it would be greatly appreciated.

#4 - 2020-05-22 03:02 AM - bill-auger

jgart -

this ticket is already set as a 'feature-request' - nothing more need to happen until it is done

if there is a patch upstream, the best thing to do is to simply wait to see if it is accepted - then the next release will have it

my suggestion is the same as yesterday - if you would like to help get the next release out; write to the mailing list so that people will know, and perhaps offer advice - GNUtoo asked me about this today, and he knows what needs to be done; but you were not in the IRC channel at the time, so nothing happened - a discussion on the mailing list would be the best way to get things in motion