

## Packages - Bug #2348

### [gnome-packagekit] [appер] not working with OpenRC

2019-07-03 03:36 AM - espiropapa

<b>Status:</b>	confirmed	<b>% Done:</b>	0%
<b>Priority:</b>	bug		
<b>Assignee:</b>			
<b>Category:</b>			
<b>Description</b>			
<p>i'm trying to use either gnome-packagekit or apper in a parabola openrc installation , as graphical front-ends of packagekit. (filing them together as i'm guessing the problem is similar)</p> <p>when trying to perform an action that would require authentication, `gnome-packagekit` doesn't ask for it and is unable to do it, and `apper` does send a notification saying `Failed to obtain authentication`.</p> <p>from what i have read, it seems to be something related to polkit.</p> <p>`polkit-elogind` and `elogind-openrc` are installed, and the elogind service is running.</p> <pre>\$ ps aux   grep elogind root      2133  0.0  0.0   9840  2564 ?        S    12:42   0:00  elogind-daemon</pre> <pre>\$ ps aux   grep polkit polkitd   2588  0.0  0.6 1834260 23148 ?        Sl   12:42   0:00  /usr/lib/polkit-1/polkitd --no-de bug</pre> <p>when running `packagekit` directly from the command line, e.g. `pkcon remove pd` i do get an authorization request prepended with a message like the following when trying to delete a package:</p> <pre>==== AUTHENTICATING FOR org.freedesktop.packagekit.package-remove ====</pre> <p>if i don't authenticate and check the processes running, i can see:</p> <pre>root      1341  0.0  0.1  30640  5136 pts/5    S+   23:25   0:00  /usr/lib/polkit-1/polkit-agent-he lper-1 espiropapa espiropapa  1367  0.0  0.0   6284  2344 pts/2    S+   23:25   0:00  grep polkit polkitd   2588  0.0  0.6 1834260 23148 ?        Sl   12:42   0:00  /usr/lib/polkit-1/polkitd --no-de bug</pre> <p>when i authenticate, it works as expected.</p> <p>the `polkit-agent-helper-1` doesn't appears (or doesn't stay for me to check) when using either gnome-packagekit or apper.</p> <p>when running `apper` from the command line, i get these possibly relevant erros when attempting the actions:</p> <pre>apper.lib: PackageKit::Transaction::StatusUnknown PackageKit::Transaction::RoleRefreshCache kf5.kwidgetsaddons: Invalid pixmap specified. apper.lib: errorCode: PackageKit::Transaction::ErrorNotAuthorized "Failed to obtain authenticatio n." apper.lib: PackageKit::Transaction::ExitFailed PackageKit::Transaction::RoleRefreshCache</pre> <p>to finish, i'm doing all this using xfce4.</p>			

#### History

**#1 - 2019-07-03 03:55 AM - bill-auger**

- Description updated

**#2 - 2019-07-03 04:32 AM - bill-auger**

gnome-packagekit works ok with systemd - this must be a openrc/polkit issue

do you have the [nonsystemd] repo enabled? if not, enable it

then ensure that you have all of the following packages installed - these are the bare minimum for an openrc desktop system

```
# pacman base-openrc systemd-libs-dummy systemd-dummy polkit-elogind openrc-desktop --needed
```

### **#3 - 2019-07-03 05:10 AM - bill-auger**

can you run this command from a terminal as an unprivileged user and paste the output

```
$ pkexec gnome-packagekit
```

### **#4 - 2019-07-03 06:05 AM - bill-auger**

*- Status changed from unconfirmed to confirmed*

this program prints absolutely nothing to the terminal and gives no indications of errors in the GUI - i would put it on the PoS shelf myself

despite all the helpful information it gave me, i was able to get 'gnome-packagekit' working on my openrc system by launching it under 'gksu'

```
# pacman -S gksu
$ gksu gpk-application
```

if you are happy with that solution, just change the Exec= line in /usr/share/applications/org.gnome.Packages.desktop to look like this for now:

```
Exec=gksu gpk-application
```

if you just want a GUI to install packages, i would suggest to use 'octopi' - that is the one that we would like to support as the official package manager GUI - it also uses a GUI password prompt like gksu; but it only asks for the password when it needs to, rather than running the entire program as root

that being said, this is a bug that should be adressed somehow - i will leave this bug report open for now - when LXDE loads, i get an error message:

```
GDBus.Error:org.freedesktop.PolicyKit1.Error.Failed: Cannot determine user of subject
```

ive seen that before. and ive fixed it before; but i forget how

### **#5 - 2019-07-03 04:04 PM - espiropapa**

thank you very much! octopi seems to fit my needs :D