

Packages - Housekeeping #3160

orphanded blacklisted packages in the repos

2022-01-16 12:23 AM - gap

Status: fixed	% Done: 0%
Priority: freedom issue	
Assignee: bill-auger	
Category:	
Description electron11, electron12, electron13, electron14, electron15, and dependents thereof including react-native-debugger, cozy-desktop, and bitwarden are somehow in the repos despite also being on the blacklist. The same goes for emby-theater although it is not on the blacklist and has no explicit dependency on electron. element-web is not on the blacklist but does have explicit dependence on electron.	

History

#1 - 2022-01-16 12:38 AM - bill-auger

i confirm that those packages are in the repos - im not sure how that happened - but FWIW, pacman refuses to install those packages, as expected

```
$ sudo pacman -S electron15
[sudo] password for bill:
resolving dependencies...
looking for conflicting packages...
:: electron15 and your-freedom are in conflict. Remove your-freedom? [y/N] y
error: failed to prepare transaction (could not satisfy dependencies)
:: removing your-freedom breaks dependency 'your-freedom' required by base
```

```
$ sudo pacman -S electron15
[sudo] password for bill:
resolving dependencies...
looking for conflicting packages...
:: electron15 and your-freedom are in conflict. Remove your-freedom? [y/N] n
error: unresolvable package conflicts detected
error: failed to prepare transaction (conflicting dependencies)
:: electron15 and your-freedom are in conflict
```

it may be a good idea to have the repo-linter check for those routinely

#2 - 2022-01-16 12:49 AM - gap

Will emby-theater install?

It isn't on the blacklist and has no explicit dependency listed for Electron, so it won't conflict with your-freedom.

#3 - 2022-01-16 01:01 AM - gap

I just checked to see if this is limited to electron, and it turns out that another blacklisted package, discord-canary, is present in the repos.

Are the repos out of sync with the blacklist, or did the program which purges the blacklisted packages fail, perhaps?
I'm not familiar with the server-side machinery which maintains the repos, although I'd love to learn.

#4 - 2022-01-16 01:22 AM - bill-auger

FWIW elemental-web deserve special note - its specific purpose is to *not* depend on electron; but to allow the user to run it in each's preferred web browser - it is exemplary of libre-minded web-development

it looks that several others have slipped-in or been orphaned over the years - the linter could report something like so:

```
$ blacklist_file=/usr/share/doc/your-freedom/blacklist.txt
$ pkgs=( $(cut -f 1 -d ':' $blacklist_file | grep -v '#') )
$ for pkg in ${pkgs[*]}
> do pacman -Ss ^"${pkg}"$ | grep -vE '^ |libre|nonsystemd' && echo "$pkg" >> logfile
> done
....
$ wc -l logfile
19 logfile
```

#5 - 2022-01-16 01:24 AM - bill-auger

- Priority changed from bug to freedom issue
- Status changed from unconfirmed to open
- Subject changed from Many electron packages are somehow in the repos to oprphaned blacklisted packages in the repos
- Tracker changed from Freedom Issue to Housekeeping

setting to 'housekeeping' - i doubt that parabola's pacman would install any of these

#6 - 2022-01-17 08:07 AM - bill-auger

- Assignee set to bill-auger
- Status changed from open to in progress

some of those were false-positives - it happened because the SSL cert expired for git.parabola.nu, causing the repo importer's blacklist filter to fallback on its previous cached version; so newly blacklisted packages (since ~december) were not filtered

ive resolved this ticket and wrote a script to detect future freezes, if needed for the repo-linter - those packages should delete themselves within a few hours

#7 - 2022-01-17 08:11 AM - bill-auger

- Description updated

#8 - 2022-01-17 06:07 PM - gap

As far as element-web goes, at least it doesn't depend on electron and is ethical in that it's free software and a step towards decentralised and private messaging, but as a technical opinion, JS is a terrible language, and relying on a web browser for secure messaging is a beyond terrible idea.

Thank you for blacklisting emby-theater and fixing this issue essentially overnight. :)

Please may I be pointed towards the server-side infrastructure repo?

I see the blacklist and abslibre repos, but I can't find the repo-linter you're referring to. I'd like to learn how it works and help build/maintain packages once I've learnt enough.

#9 - 2022-01-18 02:35 AM - bill-auger

the blacklist is not in abslibre - it has its own repo

<https://git.parabola.nu/blacklist.git/>

the repo-linter code is also a git repo git.parabola.nu

<https://git.parabola.nu/~oaken-source/parabola-repolint.git/>

there is probably very little to be learned about packaging, by reading the repo=linter - the parabola and arch wikis are far better resources for learning arch packaging

#10 - 2022-01-23 03:14 AM - bill-auger

- Status changed from in progress to fixed