Emulatorman received an e-mail explaining that we should remove geoclue and geoclue2. These packages allow geolocation and therefore violate your privacy.

Unfortunately, many packages depend on these two files and we will need to make non-prism packages for all of these dependencies.

To assist one can download sources and run:

grep -r "geoclue" .

Using this command I was able to find and remove geoclue2 from webkit2gtk to create webkit2gtk-nonprism. Many other packages will need the same done.

If anyone wishes to help take a package and work on it, please post here so that we do not overlap our work.

Once webkit2gtk has finished compiling I will attempt webkitgtk.

Related issues:
Related to Packages - Privacy Issue #994: updated privacy blacklist: cascade ...

History
#1 - 2016-01-18 01:35 PM - g4jc
Unfortunately webkit2gtk fails to compile, not because of the missing geoclue2, but because of various coding errors. I'm curious how Arch is compiling this since I used their PKGBUILD.

See this dpaste for details on all the C++ errors:
https://dpaste.de/KL3C/raw

Maybe I will be able to patch it if I have the time, but this seems more like an upstream issue.

#2 - 2016-01-18 04:16 PM - Anonymous
Wouldn't it be easier to modify the source code of geoclue and geoclue2 to make it (pick your favourite):

- fail and return error
- return random location
- return some predefined location

to accomplish the same goal?

Also, please keep in mind that some desktop environments like GNOME let users disable geolocation service.

#3 - 2016-01-19 10:33 PM - g4jc
niitotantei wrote:

Wouldn't it be easier to modify the source code of geoclue and geoclue2 to make it (pick your favourite):

- fail and return error
- return random location
- return some predefined location

to accomplish the same goal?

Also, please keep in mind that some desktop environments like GNOME let users disable geolocation service.

I like these ideas, unfortunately I have no idea how to program something like this. It would be fun to have it return valid API data with a random or predefined location.
Hi,

I'm the guy who did the original report.

I'm currently compiling webkit2gtk without geoclue2. Here's my PKGBUILD:
http://paste.opensuse.org/view/raw/73080477
If you want to compile webkitgtk2 without geoclue, add this to the build section (and don't forget to unmark geoclue as a dependency):

```
--disable-geolocation
```

The same principle can be used for webkitgtk.

Would it be possible for you guys, Parabola developers, to compile webkitgtk, webkit2gtk, and webkitgtk2, without putting the "-noprism" in the pkg name? This way many Arch users (such as me) would benefit. Right now these packages take forever to compile :P

Cheers.

Amarildo wrote:

Would it be possible for you guys, Parabola developers, to compile webkitgtk, webkit2gtk, and webkitgtk2, without putting the "-noprism" in the pkg name? This way many Arch users (such as me) would benefit. Right now these packages take forever to compile :P

You can use our patch [0] to give that support in your pacman, or use our version [1] instead.

Disabling geolocation at build time fixes part of the issues, but the build continues to fail for 32bit.

Current PKGBUILD:
https://projects.parabola.nu/abslibre.git/plain/nonprism/webkit2gtk/PKGBUILD?id=9b580b68eca8b2deedf9d3b5d8ee31b6bb5c6220

Current Error:
https://dpaste.de/3M5A/raw

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Current Error:
https://dpaste.de/3M5A/raw

ok, i'll try fix it then.

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Current PKGBUILD:
https://projects.parabola.nu/abslibre.git/plain/nonprism/webkit2gtk/PKGBUILD?id=9b580b68eca8b2deedf9d3b5d8ee31b6bb5c6220

Current Error:
https://dpaste.de/3M5A/raw

Related to Privacy Issue #994: updated privacy blacklist: cascade effect on 'gnome-settings-daemon' added

as per https://bugs.archlinux.org/task/61870 it is no longer necessary to remove geoclue references from webkit2gtk:

quote:

It does not link against it and instead queries dbus (and gracefully fails if unavailable).
Since geoclue is blacklisted by your-privacy, the privacy should be satisfied here.