

Packages - Bug #3125

File conflicts during upgrade caused by name change: webkit2gtk-4.1 (new) vs. webkit2gtk (old)

2021-11-13 08:41 PM - DragOnFly

Status:	confirmed	% Done:	0%
Priority:	bug		
Assignee:			
Category:			

Description

The above issue is breaking system upgrades due to identically-named files in the filesystem.

```
error: failed to commit transaction (conflicting files)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/JSCClass.html exists in filesystem (owned by
webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/JSCContext.html exists in filesystem (owned b
y webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/JSCException.html exists in filesystem (owned
by webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/JSCValue.html exists in filesystem (owned by
webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/JSCVirtualMachine.html exists in filesystem (
owned by webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/JSCWeakValue.html exists in filesystem (owned
by webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/annotation-glossary.html exists in filesystem
(owned by webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/ch01.html exists in filesystem (owned by webk
it2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/home.png exists in filesystem (owned by webki
t2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/index-all.html exists in filesystem (owned by
webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/index.html exists in filesystem (owned by web
kit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/jsc-glib-4.0-JSCOptions.html exists in filese
stem (owned by webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/jsc-glib-4.0-JSCVersion.html exists in filese
stem (owned by webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/jsc-glib-4.0.devhelp2 exists in filesystem (o
wned by webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/left-insensitive.png exists in filesystem (ow
ned by webkit2gtk)
webkit2gtk-4.1: /usr/share/gtk-doc/html/jsc-glib-4.0/left.png exists in filesystem (owned by webki
t2gtk)
[...]
```

The dependency tree goes back to the marco window-manager, for which there is no upgrade. But I have to ask; why introduce this naming change with a version-name in the package itself (similar to D*bian/*buntu), as a number of other packages would undoubtedly also be affected.

```
pacman -R webkit2gtk
checking dependencies...
error: failed to prepare transaction (could not satisfy dependencies)
:: removing webkit2gtk breaks dependency 'webkit2gtk>=2.6.0' required by atril
:: removing webkit2gtk breaks dependency 'webkit2gtk' required by midori
:: removing webkit2gtk breaks dependency 'webkit2gtk' required by yelp
:: removing webkit2gtk breaks dependency 'webkit2gtk' required by zenity
```

```
pacman -R webkit2gtk atril midori yelp zenity
checking dependencies...
error: failed to prepare transaction (could not satisfy dependencies)
:: removing zenity breaks dependency 'zenity' required by marco
:: removing yelp breaks dependency 'yelp' required by mate-user-guide
```

```
pacman -S marco
warning: marco-1.26.0-1 is up to date -- reinstalling
resolving dependencies...
looking for conflicting packages...

Packages (1) marco-1.26.0-1

Total Installed Size: 6.35 MiB
Net Upgrade Size:    0.00 MiB

:: Proceed with installation? [Y/n] ^C
Interrupt signal received
```

History

#1 - 2021-11-13 09:39 PM - Drag0nFly

This is caused by the "yelp" package. So a fix is to simply remove this helpless victim, although a more permanent solution would be better...

#2 - 2021-11-27 06:24 PM - bill-auger

- *Status changed from unconfirmed to confirmed*

i suspect that the important factor is 'nonprism/webkit3gtk' - webkit3gtk was not renamed - webkit2gtk-4.1 is a new package, specifically to support the 'yelp' package - the reason for the conflict is that there is no nonprism/webkit2gtk-4.1 - that package would need to be created, along with upgrading 'nonprism/webkit3gtk' -

#3 - 2021-11-27 06:27 PM - Drag0nFly

Ack. All that introduced messyness just for one package – seems quite absurd, but thanks for the comment. :)

#4 - 2021-11-30 05:18 PM - bill-auger

that is normal practice - the alternatives are more intrusive (drop the dependent package (eg: yelp) or to hold back all other dependents

it is an inconvenience; but some packages are much worse - for example 'your-freedom' must conflict with multiple versions of electron, so your-freedom must be rebuilt routinely, to recognize the constantly rotating package names - they are currently: electron, electron10, electron11, electron12, electron13, electron14, electron15 - i just replaced electron9 with electron15 today