

## Packages - Bug #3538

### [qt5-webkit] [kdevelop] can't compile kdevelop

2023-10-01 10:14 AM - SolveFinder

<b>Status:</b> fixed	<b>% Done:</b> 0%
<b>Priority:</b> bug	
<b>Assignee:</b> bill-auger	
<b>Category:</b>	
<b>Description</b>	
I'm on x86_64 architecture.	
<ul style="list-style-type: none"><li>steps to reproduce:<ol style="list-style-type: none"><li># pacman -Syu</li><li>\$ sudo pacman -Sy kdevelop --assume-installed clang=14.0.6; kdevelop</li></ol></li><li>expected result:<p>kdevelop would start as expected</p></li><li>actual result:<p>kdevelop crashed</p></li></ul>	
After that I tried to compile kdevelop by combining parabola and arch PKGBUILD (file 1):	
<pre>/usr/bin/ld: /usr/lib/libQt5WebKit.so.5: undefined reference to `uset_openPattern_72' /usr/bin/ld: /usr/lib/libQt5WebKit.so.5: undefined reference to `unum_open_72' /usr/bin/ld: /usr/lib/libQt5WebKit.so.5: undefined reference to `uenum_close_72' /usr/bin/ld: /usr/lib/libQt5WebKit.so.5: undefined reference to `ubrkr_getRuleStatus_72' /usr/bin/ld: /usr/lib/libQt5WebKit.so.5: undefined reference to `u_memcasecmp_72' /usr/bin/ld: /usr/lib/libQt5WebKit.so.5: undefined reference to `u_errorName_72' /usr/bin/ld: /usr/lib/libQt5WebKit.so.5: undefined reference to `uset_addAll_72'</pre>	
The solution for these errors is to rebuild qt5-webkit with the build recipe from abslibre [1] and after that kdevelop compiles fine with makepkg (also compiles with libretools if newly compiled qt5-webkit is installed).	
qt5-webkit compiles fine with libretools on x86_64 kdevelop compiles fine with libretools on x86_64	
I hope that's helpful.	
[1] <a href="https://git.parabola.nu/abslibre/git/tree/libre/qt5-webkit">https://git.parabola.nu/abslibre/git/tree/libre/qt5-webkit</a>	

## History

### #1 - 2023-10-01 01:01 PM - bill-auger

'qt5-webkit' should not need rebuilding now - it is pinned to 'qt5-base' and needs rebuilding each time 'qt5-base' rolls forward

'--assume-installed' should never be in the "steps to reproduce." - that is a workaround, which is never the recommended procedure - did you try rebuilding only 'kdevelop'?

i will set this to 'confirmed' because 'kdevelop' needs an upgrade - i think this bug is:

```
[kdevelop]: needs upgrade (cannot resolve "clang=14.0.6")
```

### #2 - 2023-10-01 01:03 PM - bill-auger

- Status changed from unconfirmed to confirmed

### #3 - 2023-10-01 02:36 PM - bill-auger

ok i think 'qt5-webkit' does need a rebuild against the latest 'icu', and be pinned to it for the future - i did not notice because i have 'icu-compat' installed

on my system, it is linking to 'icu' v72 and v73

```
$ ldd /usr/lib/libQt5WebKit.so.5 | grep icu
libicuuc.so.72 => /usr/lib/libicuuc.so.72 (0x00007ff8c1400000)
libicui18n.so.72 => /usr/lib/libicui18n.so.72 (0x00007ff8c1000000)
libcudata.so.72 => /usr/lib/libcudata.so.72 (0x00007ff8bce00000)
libicuuc.so.73 => /usr/lib/libicuuc.so.73 (0x00007ff8bca00000)
libicui18n.so.73 => /usr/lib/libicui18n.so.73 (0x00007ff8bbe00000)
libcudata.so.73 => /usr/lib/libcudata.so.73 (0x00007ff8b9e00000)
```

#### #4 - 2023-10-01 02:39 PM - SolveFinder

did you try rebuilding only 'kdevelop'?

As I wrote, kdevelop can't be compiled with an up-to-date PKGBUILD (provided as file) and current version of qt5-webkit, due to /usr/bin/ld errors in cmake.

I was able to compile kdevelop only after compiling and installing qt5-webkit.

Neither build recipe from arch nor mine can't be compiled with qt5-webkit from repos (x86\_64).

#### #5 - 2023-10-02 12:24 PM - bill-auger

- Assignee set to bill-auger

- Status changed from confirmed to fixed

#### Files

PKGBUILD	2.56 KB	2023-10-01	SolveFinder
0001-Update-libre-kdevelop-to-23.08.1.patch	3.4 KB	2023-10-01	SolveFinder