

KDE in Slackware, Cutelyst 1.4.0 Ready

By *Roy Schestowitz*

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- [KDE 5_17.02 for Slackware-current is available](#) [3]

I am happy to announce my February 2017 release of the ?ktown? packages: KDE 5_17.02. What you get in this new release is: KDE Frameworks 5.31.0, Plasma 5.9.2 and Applications 16.12.2. All built on top of Qt 5.7.1.

Soon, I will compile this version of Plasma 5 on Slackware 14.2 (only 64bit) as well, but I gave priority last few days to the new LibreOffice packages and a new PLASMA5 Live image. The packages that I am releasing today are for Slackware-current only (both 32bit and 64bit). As stated in my previous post, I will no longer be releasing Plasma 5 packages for 32bit Slackware 14.2.

- [New Slackware PLASMA5 Live ISO \(with Plasma 5.9\)](#) [4]

To conclude this week?s batch of updates in my repositories I have re-generated the ISO for PLASMA5 Slackware Live Edition ? it is based on liveslak 1.1.6.2 and using Slackware-current dated ?Mon Feb 13 06:21:22 UTC 2017?.

If you already use PLASMA5 Live on a USB stick that you do not want to re-format, you should use the ?-r? parameter to the ?iso2usb.sh? script. The ?-r? or refresh parameter allows you to refresh the liveslak files on your USB stick without touching your custom content.

- [Cutelyst 1.4.0 released, C100K ready.](#) [5]

Thanks to the last batch of improvements and with the great help of jemalloc, cutelyst-wsgi

can do 100k request per second using a single thread/process on my i5 CPU. Without the use of jemalloc the rate was around 85k req/s.

This together with the EPoll event loop can really scale your web application, initially I thought that the option to replace the default glib (on Unix) event loop of Qt had no gain, but after increasing the connection number it handle them a lot better. With 256 connections the request per second using glib event loop get?s to 65k req/s while the EPoll one stays at 90k req/s a lot closer to the number when only 32 connections is tested.

[KDE Slack](#)

Source URL: <http://www.tuxmachines.org/node/98664>

Links:

- [1] <http://www.tuxmachines.org/taxonomy/term/108>
- [2] <http://www.tuxmachines.org/taxonomy/term/113>
- [3] http://alien.slackbook.org/blog/kde-5_17-02-for-slackware-current-is-available/
- [4] <http://alien.slackbook.org/blog/new-slackware-plasma5-live-iso-with-plasma-5-9/>
- [5] <https://dantti.wordpress.com/2017/02/16/cutelyst-1-4-0-released-c100k-ready/>