Over a million reasons why Snaps are important.
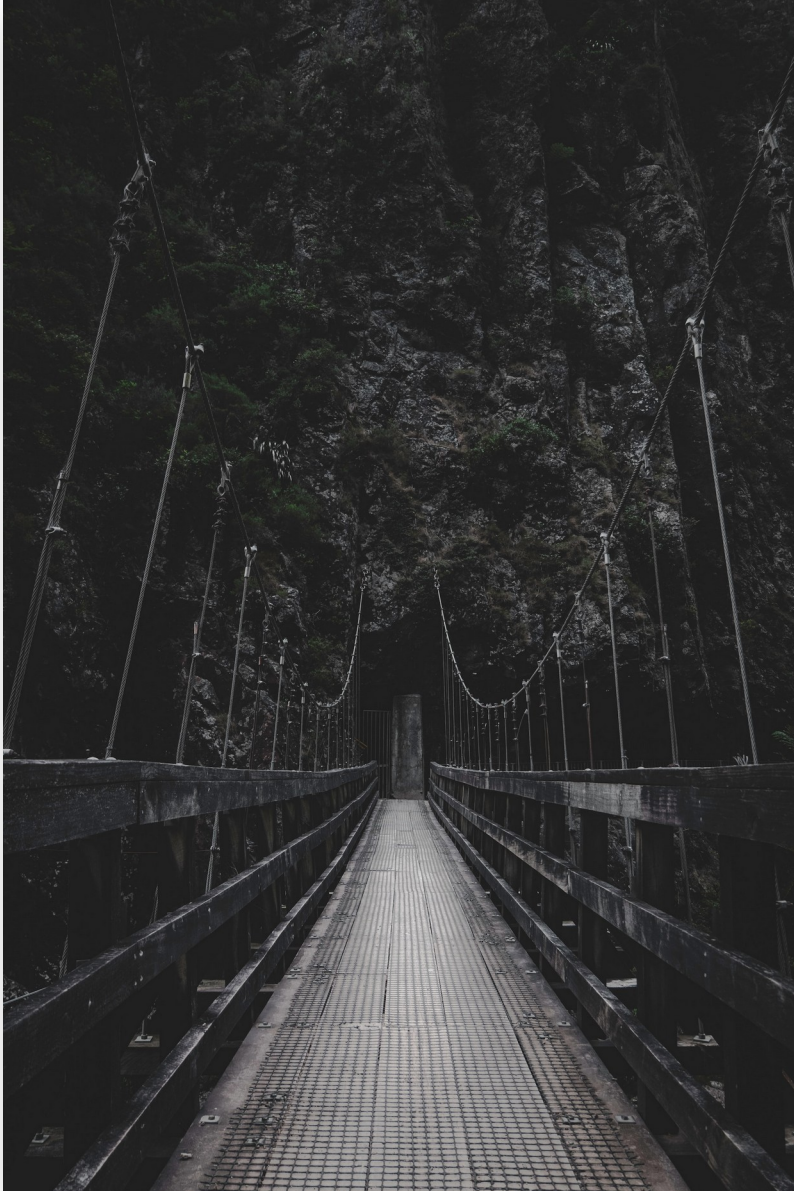
The revival of KDE snaps and their importance in the Linux packaging ecosystem.

Scarlett Moore

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I am Scarlett Moore and I have been working on snaps since their inception years ago. I have worked on upstream snapcraft, tooling and automation, and of course snaps themselves. This includes our 'Content pack' with Qt5 and KDE Frameworks and all of our applications.
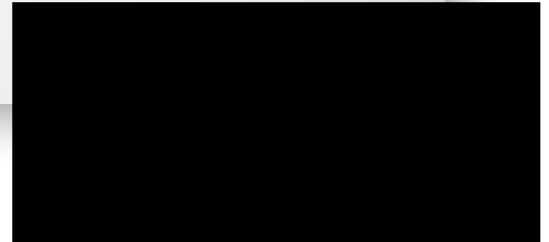
WHAT WE DO

At a conference long ago, I saw a talk about this new technology called snaps (snappy). After the talk, I walked up to the speaker and asked if he would be interested in me creating KDE snaps. He was very excited about this idea and so I begun the journey. Back then the process was very long and tedious to get a functional application, but snapd and snapcraft has come a long way. We have also improved our workflow by setting up the builds on kde.invent.org CI so builds are automated on git push and uploaded to the store upon success. On existing snapped applications it is a matter of simply updating the snapcraft files with dependency data, build requirements and test, then release to stable and monitor for bug reports. For new applications we have a base template that is used and adjusted as needed to fulfull the requirements of the application.

Over a Million Downloads!

Since our first release of snaps we have had over a millions downloads by users around the world and our snaps are gaining popularity by the day. Krita has over 60000 daily users with okular and kdenlive close behind. As we release more and more of our applications these numbers are rising!

KDE Content Pack

We crafted and maintain a content pack used by our snaps and many other developers of QT based applications. It consists of KDE frameworks and QT. Currently only Qt5/Kf5 is supported but Qt6/Kf6 is in the works.

Kde-neon extension

I have taken over the kde-neon extension in snapcraft which sets up the build environment and content SDK for building our applications. It is also used by other snapcrafters that use our content pack.

OUR TEAM

Scarlett Moore

Jonathan Esk Riddell

Carlos De Maine

KDE is Popular!

As we release new (to snaps) applications our numbers speak

for themselves on the popularity of KDE in the snap store.

These are our current top 3 snaps, but as we work out kinks

many of our applications are catching up!

Krita   **100%**

Okular   **100%**

Kdenlive   **100%**

QT5/KF5

Our content pack is used by many applications, not just KDE.

KDE-NEON EXT

Our snapcraft extension is used by snapcrafters to ease QT5/KF5 builds.

Applications

Used by millions of users.

Overall

KDE is a very important publisher to the Snap ecosystem.

Deep Roots in the Snap ecosystem

KDE has deep roots in all parts of the Snap ecosystem used by many snapcrafters and users alike.

A long journey and more to come!

After a brief hiatus due to life. I recommenced maintaining snaps with about 75 in the store in various stages of functional. Most of them are now the latest and greatest in the store plus over 50 more applications have been added.

75
Initial

When I resumed the effort we had approximately 75 applications completed.

173
Current

With some hard work we currently have 173 applications snapped.

100%
End of year goal

We aim to have every KDE application snapped by the end of the year, including PIM!

Come see me in Room 2 on Tuesday to help make the 100% a reality!

100%

BREAK

TIME

CONTACT ME TO GET INVOLVED

Ping me!

@sgmoore #kde-neon:kde.org