

19-04-2022 Meeting Agenda and Notes

Round-table participants

Add yourself to the list at the bottom of the document if you want to talk about what you're working on during the round-table session. (So I don't have to copy it every time; make your name bold, and add a colon (:) that is not bold after your name...)

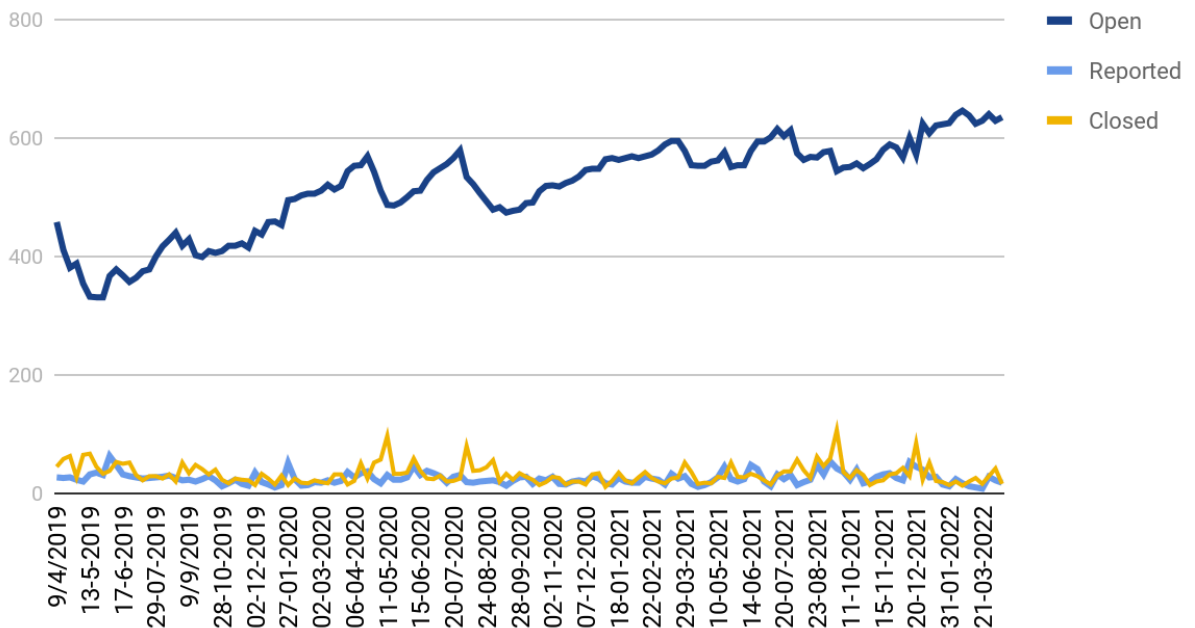
Absent

- Dmitry
- Halla
- Wolthera

Statistics

635 +18 -16 (629 +22 -42)

Bugs



Commits in the past week (copied from github):

- Excluding merges, **7 authors** have pushed **7 commits** to master and **15 commits** to all branches. On master, **9 files** have changed and there have been [47 additions and 14 deletions](#).
- Excluding merges, **14 authors** have pushed **26 commits** to master and **62 commits** to all branches. On master, **53 files** have changed and there have been [417 additions and 1,352 deletions](#).

Web

- Downloads (downloads.kde.org): **0** unique downloads last week.
- Web traffic: **0** visits, **0** unique page views last week
- Donations: **4507** in the past month
- Fund.krita.org: **194** subscribers (195 previously, peak was 202)
- Krita-artists.org: Total users - 14.3k (All time) Total Post - 122k (All time)
 - Active Users Last week - 217
 - Total Posts Last Week - 1.6k
- <https://subredditstats.com/r/krita>
- Failing unittests: **0**

Bugs and Merge Requests

- [17 bugs marked as Regression](#)

Merge Requests

- [amyspark] Port to QuantStack's xsimd:
https://invent.kde.org/graphics/krita/-/merge_requests/1404
 - xsimd extensions have been completely upstreamed
 - 0.09x-3.25x performance improvement in Android
 - All tests pass.
 - Awaiting Dmitry's checkup on gather/scatter. If need be, I'll profile the functions on Linux
- [amyspark] library update incoming:
https://invent.kde.org/graphics/krita/-/merge_requests/1370
 - windragon wants to keep this under wraps until 5.0.x branch is well and truly gone
- [windragon] getting rid of meson/ninja/rustc:
https://invent.kde.org/graphics/krita/-/merge_requests/1423
- [windragon] llvm-mingw build support:
https://invent.kde.org/graphics/krita/-/merge_requests/1372

Manual

- No decision yet on the traditional chinese manual build (not urgent, the translation isn't progressing very fast)

Website

- Weekly or biweekly development update (Halla)
 - Stalled...
- Listing Krita communities on our site, like blender (Ivan)
 - We can make such a page, Ivan will be the contact person and will maintain the page.

- [🚧 T14559 New community page added to krita.program](#)
 - We should discuss krita.org's technology choices here, too.
 - *Stalled since June 2021?*
 - (halla) First prepare text and possibly images -- and then when you have content, it can be poured into a design?
 - (ivan) will get into content and ping scottyp for ideas
- Scott also wants to reorganize and update the design and content of krita.org a bit. For one, we want to integrate all the funding stuff better into the site instead of it. I think always having it be in the top banner is going to make it hard when we want to promote something else. I could make a task to start a discussion on some ideas and issues I think need to be addressed. Other people can give their feedback as well. [🚧 T14731 Update design/content on krita.org](#)

Release

Release procedure for stable releases:

- We release every other month
- Four weeks before we release, we close the merge window: only regression fixes are allowed
- Four weeks before the release, we will release a "beta".
- When we tag the final release, the merge window opens again

Releases:

5.1.0

- Release date:
 - May 1st String Freeze
 - May 7th Freeze
 - May 20 release
- Will contain:
 - TIFF Photoshop support: https://invent.kde.org/graphics/krita/-/merge_requests/944
 - G'MIC for Android: https://invent.kde.org/graphics/krita/-/merge_requests/848
 - build support is **disabled**, it only takes an oneliner to enable
 - Reworked metadata system
 - Image format prioritization: https://invent.kde.org/graphics/krita/-/merge_requests/1296
 - GSoCs
 - Milestones: <https://invent.kde.org/graphics/krita/-/milestones/3>
 - Preferences layout changes:
 - https://invent.kde.org/graphics/krita/-/merge_requests/1328
 - port Vc -> xsimd: https://invent.kde.org/graphics/krita/-/merge_requests/1404
 - JPEG-XL support: https://invent.kde.org/graphics/krita/-/merge_requests/1363
- Should contain:
 - library update: https://invent.kde.org/graphics/krita/-/merge_requests/1370
 - Windows compiler update? <https://phabricator.kde.org/T15455>
 - ANGLE update? https://invent.kde.org/graphics/krita/-/merge_requests/1373

5.2.0

- Should contain:
 - One-ring KisConfig class for centralized thread safe configuration management (wip from amyspark too)

Youtube

- [NOTE] Ramon is planning on doing a future video about vector libraries, and he is looking for someone to talk with about it.

Roundtable

- **Emmet:** Eoin and I spent the bulk of the week working on our audio branch some more, and it's now in a pretty good place since our refactor a couple of weeks ago, in which we juggled things around a bit in order to support multiple documents correctly. Still not finished or ready to merge, but progress is being made there. It's something I really want for myself to play with too, so I'm hoping that we can get it done by the next major version, but who knows. :P On top of that we had the 5.0.5 release, and this one took me a bit longer because of some more issues with my process for extracting the MacOS app and pushing it up to Steam. Eoin and I also spent some time looking into and talking about tiar 's planning for the comic panels feature. Sounds cool! :)
- **ivan:** Aside from the steam test and xsimd test build i spend the star of the week triagging. I made some local branch cleaning and then easter holiday happend and was not abole to work anymore.
- **Amyspark:** Last couple of weeks were kinda devoted to preparing the DiVOC talks. They went amazingly well :D I started fixing bugs during the weekend, and took care of upstreaming all the xsimd extensions I made. So now it's only dmitryK with his performance checkup and me with the OSX fix that's left.
- **Tiar:** I analized all the requirements and started designing system for comic panels <https://phabricator.kde.org/T15305> everyone can read it and comment, if they want, both technical and usability-wise.
- **Sharaf:** I started working on an issue with MR !1395. Where the popup palette would get clicked on windows, if touch gestures were being used. The issue was more annoying than I thought, because of the way synthesis and handling was done inside Qt. But thanks to some help from windragon I fixed the issue by disabling the synthetic events in case they didn't receive a TouchBegin first. After that I built and tested amyspark's xsimd, getting things to compile and benchmark to run on Android was rather trivial. But unfortunately, there was something wrong going on with brush tip rendering which took time. But after that was fixed, I was able to run the benchmark and the results were rather impressive ;) (https://invent.kde.org/graphics/krita/-/merge_requests/1404#note_434124). Other than that I helped halla with getting the apk ready for play store release. That's all from me.
- **Windragon:** Last week I fixed an OpenGL rendering glitch on master that I introduced. Then I went back to rebase my QtQuick2 canvas experiment. Then I wrote a task on updating the windows build toolchain: <https://phabricator.kde.org/T15455>

AOB

- [Emmet] Next meeting will also be on Tuesday (April 26)

FYI

- GSoc is on. Please get your mentor invite!

Next week

- Halla
- Backup: Emmet