

01-08-2022 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...)

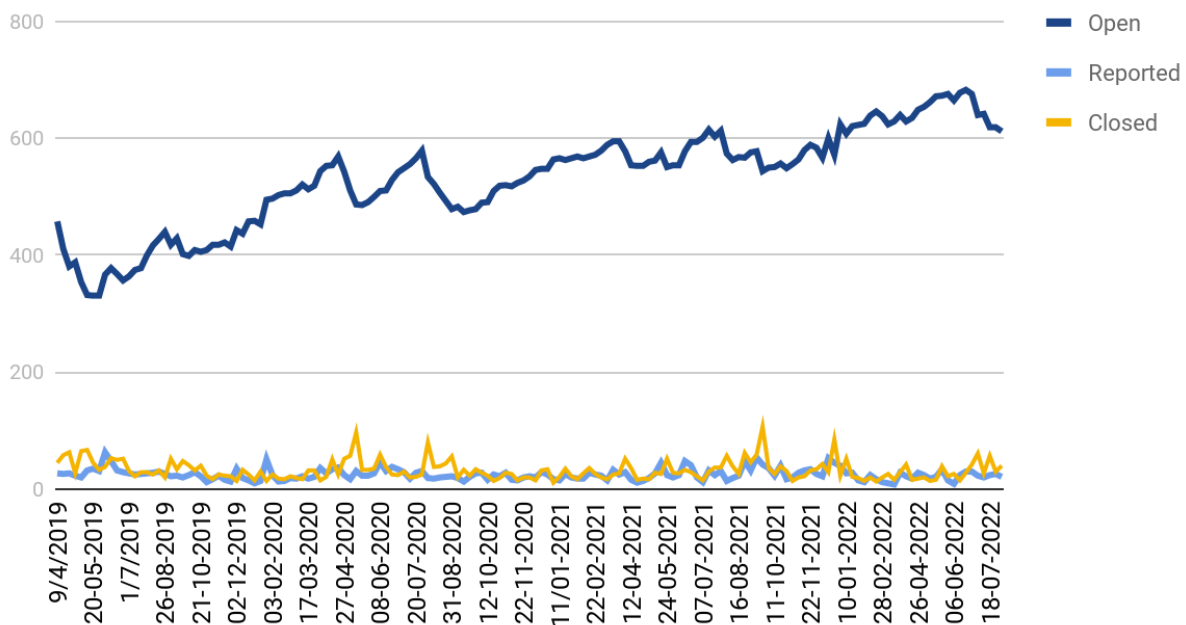
Absent:

-

Statistics

612 +21 -40 (619 +26 -30)

Bugs



Commits in the past week

- Excluding merges, **5 authors** have pushed **20 commits** to master and **41 commits** to all branches. On master, **40 files** have changed and there have been [649 additions and 247 deletions](#).

Web

- Downloads (downloads.kde.org): **78,747** unique downloads last week.
- Web traffic: **174,963** visits, **393,706** unique page views last week
- Donations: **4095** in the past month
- Fund.krita.org: **182** subscribers (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
- Twitter: **53,740 (53,683)**
- <https://subredditstats.com/r/krita>

Code Stuff

- 12 [bugs marked as Regression](#) (13)

437429	dimula73@gmail.com	REOP	Broken color display in the Palette docker with an active OCIO config
441216	krita-bugs-null@kde.org	CONF	Painting over a reference image shows rectangular artefacts around the cursor if fractional HiDPI scaling is enabled.
446623	griffinvalley@gmail.com	ASSI	FGtoBG gradient has incorrect preview in the gradient chooser
446889	krita-bugs-null@kde.org	REOP	Layer visibility changes should not be included in the undo stack (or behavior should be optional)
447230	krita-bugs-null@kde.org	CONF	Line tool is not working with Airbrush presets. Sometimes it's half done or the result line is not appear at all.
451424	krita-bugs-null@kde.org	REPO	Canvas inputs not recognised after changing virtual desktops on kde plasma (5.1.0 prealpha e75d194a75)
452662	shzam@sdf.org	ASSI	Two-finger pan/rotate gesture glitch with changing touch points

453247	amy@amyspark.me	REOP	Paste into Active Layer and Paste at Cursor paste at the wrong locations
454979	krita-bugs-null@kde.org	ASSI	User Interface: HSY setting in "Configure Krita" being out of space and collapse/cut off
455243	krita-bugs-null@kde.org	REPO	Two finger drag "zoom and rotate" and one finger drag "pan canvas" does not continue seamlessly
456351	krita-bugs-null@kde.org	CONF	Beta 5.2 1 : Flashing line while using polygon tool / polygon selection / Multibrush (origin line)
456929	amy@amyspark.me	ASSI	Color profile selector broken display on HiDPI (both the "horseshoe" and the curve chart)

1 release blocker:

408182	tamtamy.tymona@gmail.com	REPO	Scaling with the transform tool deletes the selection
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- Failing unit tests:
 - **Builder (-1):**
 - [projectroot.libs.ui.tests.libs_ui_kis_animation_exporter_test](#)

Bugs

- Tiar will review

Merge Requests

- Tiar will work on https://invent.kde.org/graphics/krita/-/merge_requests/1499 – resource paths some more.
 - We will simply hide the option in the windows store version of Krita

- Dmitry will review https://invent.kde.org/graphics/krita/-/merge_requests/1508 – assistants improvement
- Tiar will review https://invent.kde.org/graphics/krita/-/merge_requests/1528 – tag renaming

Manual

- No decision yet on the traditional Chinese manual build (not urgent, the translation isn't progressing very fast)
- Manual should be branched for 5.1

Website

- We need to decide which payment processor to use
- Scott started adding the intel logo to krita.org. It is hidden right now, but ready to go.
 - Input is needed as to the formal announcement, Scott will write to Halla about it
- Scottyp is working on a Hugo-based replacement for wordpress, but there's a lot of media, too much to fit in the git repo – all of that should go into a CDN, but one that is accessible to everyone who should be able to update the website.
 - lots of progress here: assets are on KDE's CDN now
 - needs testing now to make sure it is easy to post news
- 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](#)
- We really need to discuss the funding options. ^

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:
 - ~~Second beta this thursday~~
 - RC next week, release two weeks after that
- 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
 - does NOT include HDR; Halla says this will go on 5.2
 - library update: https://invent.kde.org/graphics/krita/-/merge_requests/1370
 - Windows compiler update: <https://phabricator.kde.org/T15455>
 - https://invent.kde.org/sysadmin/binary-factory-tooling/-/merge_requests/296
 - ANGLE update https://invent.kde.org/graphics/krita/-/merge_requests/1373
 - TIFF JPEG + YCbCr compression:
https://bugs.kde.org/show_bug.cgi?id=454241 and
https://bugs.kde.org/show_bug.cgi?id=454116
- We can reuse deevad's release videos, he'll share those with wolthera
 - if wolthera needs more for the release announcement, she can ask deevad for more videos

5.1.1

- Should contain:
 - WebP animation and metadata support:
https://invent.kde.org/graphics/krita/-/merge_requests/1468

5.2.0

- Should contain:
 - HDR JXL + reusable xsimd dispatcher:
https://bugs.kde.org/show_bug.cgi?id=454283
 - One-ring KisConfig class for centralized thread safe configuration management (wip from amyspark too)
 - Animation Audio + Bundled FFMpeg ("Safe" formats only)

Youtube

- 55.500 followers
- Getting a lot of positive comments
- Next video will be about gesture drawing (https://en.wikipedia.org/wiki/Gesture_drawing): Ramon is finishing the script and will start recording this week
- There is another bundle for this video: ramon suggests pre-publishing them, halla suggests doing a call for artwork with this bundle
- <https://krita-artists.org/t/pencil-sketches-new-techniques/32259/15?u=ramonm>
- Ramon is also preparing a script for Part II of brush creation

Org Stuff

- The forms are in the post

Roundtable

- **Halla:** Last week was bad -- I really spent a couple of days in bed, just too exhausted to get up. On Friday I was a bit better, and today I closed nearly a dozen bugs
- **Emmet:** This week we fixed (kind of) a bug regarding animation export and cleaning up unwanted files in order to prevent ffmpeg from getting confused. Kind of hard to explain but, it's basically worked around as much as possible for now without changing the exporter significantly. Other than that we updated a little side thing called "Krita Devbox" that we posted about on the mailing list last week with a bunch of new features. If you're interested in another option for containerized krita dev or building personal appimages, I think it's pretty good so try it out. :) <https://invent.kde.org/eoinoneill/krita-devbox>

- **Dmitry:** I worked on lager on monday, then fixed some bugs on tuesday, and then got drowned in the memory leak report. I've added an AOB point about that.
- **Wolthera:** my week consisted over panicking about getting the gsoc stuff done, and after that I was out of juice.
- **Reinold:** Last week I took @wolthera's advice and just tried to make the export create an empty file. That was easier to diagnose and after some experimentation I got that working. Then I tried making the export create a base svg file. I think that almost works as I saw that base svg file code being executed but it didn't actually write to the file. This week I should have the svg export pushing a base file. After that I plan to add support for including vector layers. I also plan to do a blog post this week (I think I can have enough progress to talk about something biweekly :))
- **Ivan:** My week was pretty much 3 things, GSoC evals, reinstalling glouc services configuring stuff and falling through the rabbit hole of web APIs. halla: about sandboxing I was fighting over minor things, I think I will only ask for permission on first time open and then all should work without rewriting the whole thing.
- **Sharaf:** Last week I looked into several things, initially I completed my MR for Bug 456922, which I've backported. Then I looked into some pings from KA, where I saw users asking why they can't import photos from Google Photos in Krita. Turns out because we have ask for read-write access, Google Photos doesn't list itself. After that I worked on updating targetSdk and testing if everything works on a few devices. While doing this, I noticed that our billing library is going to be outdated (google doesn't allow uploading these) too. So, I updated this to use the newer API. And did testing with my test email address. Finally, I responded to the comments I got on my MRs (1525, 1533) and did some fixes for it. That's all!

AOB

- [Dmitry] Policy about releasing memory to the system. It looks like some tools, e.g. Gradient reserves a lot of memory, which is rarely used.
- [Amyspark] Do we (outside of Dmitry, who I think wrote it) actually know how Krita manages its memory? I couldn't find any docs on the system, and the usage of Boost classes makes it... difficult to follow from the source.

FYI

- Remember to backport your bug fixes to krita/5.1 with ``git cherry-pick -x [commit]``
- [halla] Sponsored developers: there's a google calendar everyone has already had an invite for, please mark absences there, too.
 - [Ivan] I'm not getting these types of mails, not spam not anywhere. Can you check if my address is correct on your side? It's so strange, it started happening around the time the email changed to hallareemptsoftware -

- But that's unrelated, it's simply this calendar:
<https://calendar.google.com/calendar/u/0?cid=aDNsYTJqZWJsajJyZmFu aDFoMTYzdGc5ZW9AZ3JvdXAuY2FsZW5kYXluZ29vZ2xILmNvbQ> – it's not mails you will get from this. [Ivan] Thanks! I must have misunderstood the chat message :)

Next week

- Wolthera