

29-08-2022 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...)

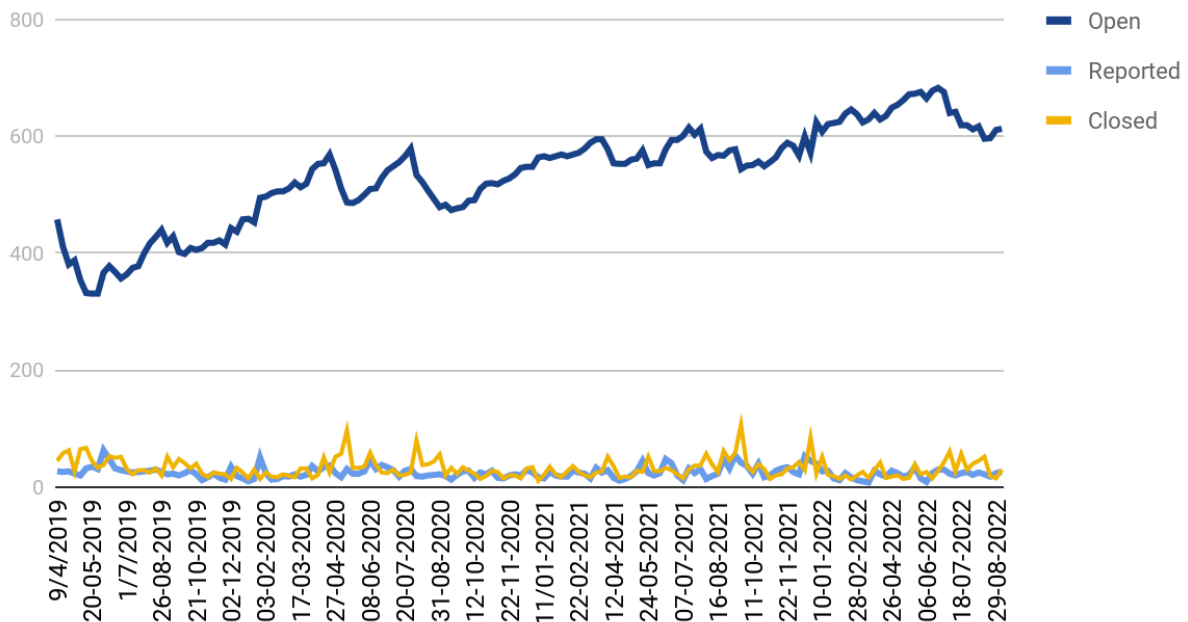
Absent:

- Emmet (labor day)
- Eoin (labor day)
- Reinold (labor day)

Statistics

613 +26 -30 (611 +24 -15)

Bugs



Commits in the past week

- Excluding merges, **5 authors** have pushed **9 commits** to master and **14 commits** to all branches. On master, **13 files** have changed and there have been [103 additions and 32 deletions](#).
- Excluding merges, **5 authors** have pushed **21 commits** to master and **43 commits** to all branches. On master, **55 files** have changed and there have been [257 additions and 213 deletions](#).

Web

- Downloads (downloads.kde.org): **78,797** unique downloads last week.
- Web traffic: **175,568** visits, **390,234** unique page views last week
- Donations: **5890** in the past month
- Fund.krita.org: **197** subscribers (+?, peak was 202)
- Krita-artists.org: Total users - 17,2k (All time) Total Post - 161k(All time)
 - Active Users Last week - 650
 - Total Posts Last Week - 2,2k
- Twitter: **59,3k**
- <https://subredditstats.com/r/krita>

Code Stuff

- 14 [bugs marked as Regression](#) (+2)

455243	krita-bugs-null@kde.org	REPO	Two finger drag "zoom and rotate" and one finger drag "pan canvas" does not continue seamlessly
441216	krita-bugs-null@kde.org	CONF	Painting over a reference image shows rectangular artefacts around the cursor if fractional HiDPI scaling is enabled.
444738	krita-bugs-null@kde.org	CONF	Deleted session reappears after restart when "Save session when Krita closes" is enabled
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	CONF	Canvas inputs not recognised after changing virtual desktops on kde plasma (5.1.0 prealpha e75d194a75)
456351	krita-bugs-null@kde.org	CONF	Beta 5.2 1 : Flashing line while using polygon tool / polygon selection / Multibrush (origin line)
457586	krita-bugs-null@kde.org	CONF	when moving the area with transforming tool using arrow keys, the preview doesn't update on the canvas when the option is 'Fast'.
457658	krita-bugs-null@kde.org	CONF	toggle layer soloing doesn't work properly in nightly build version (5.2.0 prealpha).
458361	krita-bugs-null@kde.org	CONF	Sharpness brushes are functionally inaccurate when "Align the brush preview outline to the pixel grid" is disabled
437429	dimula73@gmail.com	ASSI	Broken color display in the Palette docker with an active OCIO config
446623	griffinvalley@gmail.com	ASSI	FGtoBG gradient has incorrect preview in the gradient chooser
454979	krita-bugs-null@kde.org	ASSI	User Interface: HSY setting in "Configure Krita" being out of space and collapse/cut off

- Failing unit tests:
 - **None**

Bugs

- https://bugs.kde.org/show_bug.cgi?id=458115 - needs a 5.1.1 release next week.
- Android targetSdk bump has caused some crashes, will revert, and undo the revert after tagging.

Merge Requests

- Halla asks Wolthera to look into the small OpenRaster merge requests that have come in two weeks ago.

Manual

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

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:

5.1.1

Next week, for the vector layer crash fix.

Please check which bug fixes with string changes still need backporting!

- Will contain:
 - HDR JXL https://bugs.kde.org/show_bug.cgi?id=454283
 - WebP animation and metadata support:
https://invent.kde.org/graphics/krita/-/merge_requests/1468
- Should contain:
 - Reusable xsimd dispatcher
https://invent.kde.org/graphics/krita/-/merge_requests/1547

5.2.0

- Should contain:
 - One-ring KisConfig class for centralized thread safe configuration management (wip from amyspark too)
 - Animation Audio + Bundled FFMpeg ("Safe" formats only)

Youtube

- 57,200 (56.300)

Org Stuff

- I still need ID's – please, please resend me the complete package, form, proof of residence and scan of ID.

Roundtable

- **Emmet/Eoin:** Last week, Emmet and I continued to make large changes to the audio branch and related dependency cleaning. Some large backend changes were made to help users build Krita on this branch even when they don't meet the exact dependencies.
- **Wolthera:** Was away the last 1.5 weeks because of RL, will still be AFK a lot because of administrative issues.
- **Tiar:** I hope I fixed bug 458034 ("Misleading link to download Krita update?" https://bugs.kde.org/show_bug.cgi?id=458034) and I was working on the formulas for the concentric ellipses - thankfully at the end I figured it out. Many attempts resulted in just another quadratic equation I didn't know what to do with. But the current approach must work since it doesn't result in a quadratic equation, so while it still doesn't de facto work in the code, I just need to debug it, I think.
- **Amyspark:** (writing my entry ahead of time, since i'm still sick)
Last week, I fixed the JXL HDR support issues that were reported by Intel. I also merged lots of assorted nitpicks and paper cuts which I found during the kritamultiarch refactor development. The project's now ready, but it needs some preparation MRs to be in place before I can submit the branch for review. (The MRs have already been sent, Dmitry must review them).
During the weekend, I took a good hard look at the old KisConfig project (refactor of the preferences system). I noticed that in far too many places we bypass KisConfig and use KConfigGroup directly, also without the sync() call on destruction. I'm not sure of the semantics of the destructor, in any case, I ported every single one I could see (read: not the ones in xmlgui) to KisConfigBase, which is a lightweight wrapper I made over KConfigGroup/KSharedConfig.
Right now, I'm trying to figure out if adding macOS Cocoa support to the G'MIC interpreter is doable, but it's hard because Xcode no longer fits in my MBP.
- **Ivan:** I was on vacation, however I made some time to start gathering more detailed backtraces for gmic crashes and made a GSoC review.
- **Xu Che:** I worked on filling option of the ellipse tool, no too much progress. Also worked on the tests, tests are mostly done, the only issue is that test dumps the test image to the build directory, not source directory, seems it's because I'm running the test under build directory. I'm a little confused about this. (Oh I just found my issue have nothing to do with where to run tests, I just passed an empty string to checkQImage as testName and everything magically worked...)
- **Dmitry:** I was on a vacation :) This week I'm going to check all the MRs and then I don't know what to do :) Halla: I kind of said, not now, to https://bugs.kde.org/show_bug.cgi?id=457562 -- but if you'd want to take a look and see whether my pessimism was valid or not...
- **Sharaf:** The week was somewhat a continuation of the previous week, I first submitted my patch which fixed the crash on Android if the directory owning the file was deleted in file manager. Then I turned into the more frequent crashes showing on Play Store (relating to our background DocumentSaverService), even though our usecase is

supported by the android documentation, but the crashes on Samsung Tablets seem to defy that.

So, I looked into platform source for a bit and found a theory for why it might be happening (samsung doesn't handle memory pressure very well). I've emailed a user who emailed me about the crash happening on their device and I'm waiting for their reply before I could do anything with the bug.

After that I saw that gestures don't work like before on MacOS, so I fixed that. But it needs testing: https://invent.kde.org/graphics/krita/-/merge_requests/1556

And finally, I looked into bug 458407 thinking it was a parsing bug like with other SVG files before, but this time it is different. Krita seems to re-render the KoShape hierarchy over and over again if there is a clip mask object. But, I haven't looked very deep into this, yet.

- **Halla:**

GSOC

There is only like one week left for Reinold, and ~ one month for XuChe.

- [ivan] To all GSoC students, do not forget blogging and updating your status reports! [Reinold] I'll be sure to make a blog post today :)
- Wolthera: Reinold's 3rd blog <https://rojas.run/posts/gsoc-update3/> ^

AOB

- Wolthera is unavailable to mentor for GSoC [wolthera]
- There's some small issues with the text branch [wolthera]

FYI

- Remember to backport your bug fixes to krita/5.1 with ``git cherry-pick -x [commit]``

Next week