

18-10-2021 Meeting Agenda and Notes

Round-table participants

All 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...)

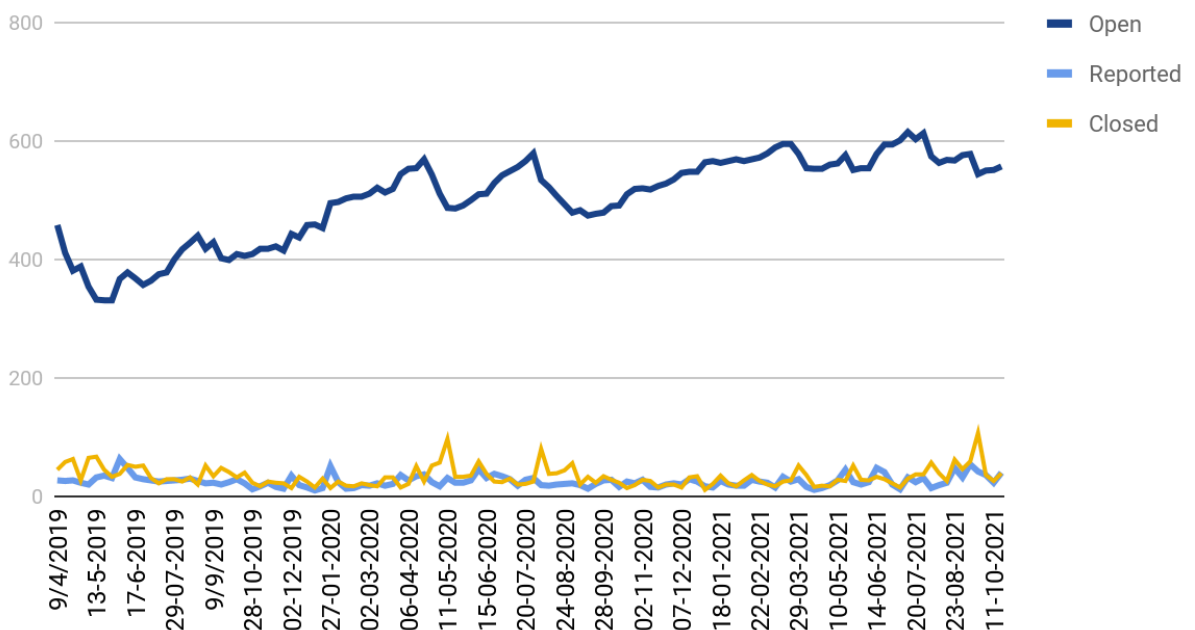
Absent

- Dmitry

Statistics

557 +40 -39 (551 +23 -26)

Bugs



Commits in the past month (copied from github):

- Excluding merges, **9 authors** have pushed **35 commits** to master and **73 commits** to all branches. On master, **82 files** have changed and there have been [3,881 additions and 297 deletions](#).

Web

- Downloads (downloads.kde.org): **84,183** unique downloads last week.
- Web traffic: **185,551** visits, **414,893** unique page views last week.
- Donations: **4548** in the past month

- Fund.krita.org: **166** subscribers (163)
- Krita-artists.org: Total users - 11.2k (All time) Total Post - 89.6k (All time)
 - Active Users Last week - 520
 - Total Posts Last Week - 966
- <https://subredditstats.com/r/krita>

Bugs and Merge Requests

Regressions (19)

443907	krita-bugs-null@kde.org	REPO	Bundle created in beta2 can have different filenames in manifest and in actual bundle archive
443717	tamtamy.tymona@gmail.com	CONF	[workspace] Saving a new workspace doesn't appear in "Workspaces list", but in "Windows layout" list.
443624	krita-bugs-null@kde.org	CONF	When opening a Recent Document, the welcome screen horizontally scrolls itself to the rightmost side
443610	krita-bugs-null@kde.org	CONF	Pressing ctrl-x twice crashes Krita
443347	krita-bugs-null@kde.org	CONF	[Transform tool] crash after a free transform on a layer group (with subgroups)
441959	krita-bugs-null@kde.org	CONF	Soft Proofing on krita 5 (beta 1) still has glitches, but now triggered by transparencies
441945	halla@valdyas.org	ASSI	File Layers not working when opened with "folder icon"
441899	emmetoneill.pdx@gmail.com	REOP	Pop-up palette doesn't dismiss itself at right click
441865	krita-bugs-null@kde.org	REPO	"Switch to Previous Preset" changes brush's opacity accidentally

441826	dimula73@gmail.com	ASSI	Crash when continuously add subdivisions
441569	krita-bugs-null@kde.org	CONF	Freehand Selection Tool produces severe artifacts when holding Ctrl to draw polygonal outline
441370	krita-bugs-null@kde.org	CONF	KDE Plasma cursor is not displayed over docker area right after painting on 5.0 beta1
441350	halla@valdyas.org	REOP	Brushes works wrong, after selecting another pattern and reselecting the original one, they works like the should
441216	krita-bugs-null@kde.org	CONF	Painting over a reference image shows rectangular artefacts around the cursor if fractional HiDPI scaling is enabled.
440962	halla@valdyas.org	ASSI	Gradients do not load from ASL file
440826	dimula73@gmail.com	ASSI	[Windows only] Krita 5 renders text differently from Krita 4.4.7
438426	dimula73@gmail.com	ASSI	Issue with copy-paste image from Chromium based browser (Chrome, Edge) on Nightly Build
435056	krita-bugs-null@kde.org	REOP	Safe asserts both when undoing and redoing a selection mask after copying contents
430188	krita-bugs-null@kde.org	CONF	Extra "Updating..." stage after opening a large file and toggling layer visibility

Merge Requests

- 50 open, of which 30 draft, 23 needs changes
- https://invent.kde.org/graphics/krita/-/merge_requests/1071,
https://invent.kde.org/graphics/krita/-/merge_requests/1033,
https://invent.kde.org/graphics/krita/-/merge_requests/1099,

https://invent.kde.org/graphics/krita/-/merge_requests/1090 can be merged.

- Tiar asks amyspark to check https://invent.kde.org/graphics/krita/-/merge_requests/1090

Manual

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Website

- 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](#)
- 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 release a "beta".
- When we tag the final release, the merge window opens again

Releases:

5.0.0

- ~~**RELEASE VIDEO:** halla has asked Ramon: Ramon has said yes~~
- Beta 2 was released this week
- Will contain
 - voronwe's color smudge patches (rgba tips, gradient texture and a new colors smudge engine), resource rewrite, mypaint brush engine, storyboard, mesh gradients.
 - HDR gradient rendering + dithering.
 - MRs from milestones.

- Massive library update:
https://invent.kde.org/graphics/krita/-/merge_requests/718
- LittleCMS Fast Float plugin:
https://invent.kde.org/graphics/krita/-/merge_requests/717
- Animation Update
- Storyboard Docker
- 2pp assistant (Wysteriary's), hopefully also local assistants (tiar)
- MSVC builds: https://invent.kde.org/graphics/krita/-/merge_requests/776
- SIP v5: https://invent.kde.org/graphics/krita/-/merge_requests/869
- KSeExpr 4.0.3 (with Alvin Wong's bugfix round):
https://invent.kde.org/graphics/krita/-/merge_requests/955
- webp plugin: https://invent.kde.org/graphics/krita/-/merge_requests/891
- Forked GMic 2.9.9: https://invent.kde.org/graphics/krita/-/merge_requests/965
- Updated metadata editor plugin (fixes Dublin Core, also implements runtime loadable schemas)
- Compatibility with VFX CY2021 onwards (ie OCIO v2)
- <https://krita.org/en/krita-5-0-release-notes/>
- Schedule:
 - May, dev fund campaign
 - June 15th string freeze, new stable branch krita/5.0
 - July 1st beta starts
 - August release
 - Frequent development update posts during june/july
- Blockers (amyspark will have a look at all of them):
 - ~~Update G'Mic~~
 - ~~ext_exiv2 is broken for appimage~~
 - ~~ext_ocio is broken for windows~~

5.1.0

- Will contain:
 - TIFF Photoshop support:
https://invent.kde.org/graphics/krita/-/merge_requests/944
 - GMic 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
 - gsocs
 - Milestones: <https://invent.kde.org/graphics/krita/-/milestones/3>

5.2.0

- Should contain:

Youtube

- Over 42.600 now!
- Next video will be about how to do things in Krita that are different from other applications
- Ramon has worked with Tiar on a new bundle to go with the release video.

Roundtable

- **Halla:** So, last week I basically only fixed bugs and reviewed MR's. It was a bit of a draining week for me personally, so I didn't get as much done as I wanted too.
- **Wolthera:** I spent this week largely on writing a lowdown of some of the text tool things I'd like to change, but dmitry did not agree with me, so no dice there. I've also been working on a vector variable width stroke study. That one is currently at 3,000 words. I still need to add some images and do some minor video editing for clarity.
- **Eoin:** So @emmetpdx and I have fixed some more bugs related to the storyboard docker and also fixed a crash on Windows during animation export, which took a while to debug. @emmetpdx also began working on some documentation changes and spoke to Ramon last week about animation stuff.
- **ivan:** This week I reviewed some of my open bugs to close the ones I could no longer reproduce, on the random bugs I closed almost all so that was good. Also I spent a little of the week testing clip studio and krita on the whole.
- **Sharaf:** Last week was pretty short, I had to move because of the renovation in our house. I worked on with help from dmitry on the Android's OOM crash and then fixed a memory leak in Qt's Android plugin. Finally, I did some testing to check if Krita compiles with newer NDK, because KDE's CI bumped the version (https://invent.kde.org/sysadmin/ci-tooling/-/merge_requests/189). And turns out deps don't build. So, I need to fix it for the release :(
- **Amyspark:** So, at last I am done. MSc and teaching diplomas had, the former took a fair bit of the past two weeks because of paperwork. Coming back to Krita, I don't recall if I've mentioned it, but I've been working on an upstream bugfix to get rid of OCIO parsing failures when one doesn't live in America. Sadly, implicit and undocumented dependencies on strtod's semantic are slowing it down (mainly the usage of + and hex, which either charconv or Apache's fast_float does not support). In Krita-land proper, I finished looking over beta bug reports for SeExpr, fixed them all. I also took care of tiar's resource system bugs wrt SeExpr presets, since my way of dealing with overwrites finally caught up to us. I finally upstreamed FindOpenEXR to ECM as well, and am awaiting for review. I forgot to mention that libtiff merged our PSD support patch, and ASWF did the same to my OpenGL ES support for OCIO -- both should be available next patch release. Right now I am checking the last PSD regressions and have the fixes in the pipeline, I'll MR them in a bit. then i'll merge SeExpr and OCIO as we agreed.
- **Tiar:** I worked mostly on https://invent.kde.org/graphics/krita/-/merge_requests/1090 , and yesterday I helped RamonM fix the bundle he created in beta2 because there is a bug on creation.

AOB

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FYI

- **BACKPORT (or forward port) your own commits! Use either invent's cherry-pick functionality, or use git worktree to have both trees checked out and built. Cherry-pick with -x!**
 - Tiar has a script helping finding out which commits has not been cherry-picked, it needs some setup (since I haven't made it "other-people-friendly" yet) but might be helpful if you're like me and has trouble finding or remembering which ones has been cherry-picked already
- Post Krita 5 projects: [Post Krita 5 Projects](#)
- Halla will be on vacation from 25th Oct to 1st Nov.
- (From Dmitry) Dmitry has reverted all the GCC9 updates in ApplImage, so ApplImage should now use GCC5 again. It was needed because Beta2 stopped working on Ubuntu 18.04 with these updates.

Next week

- Halla
- Backup: Amyspark