

13-12-2021 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

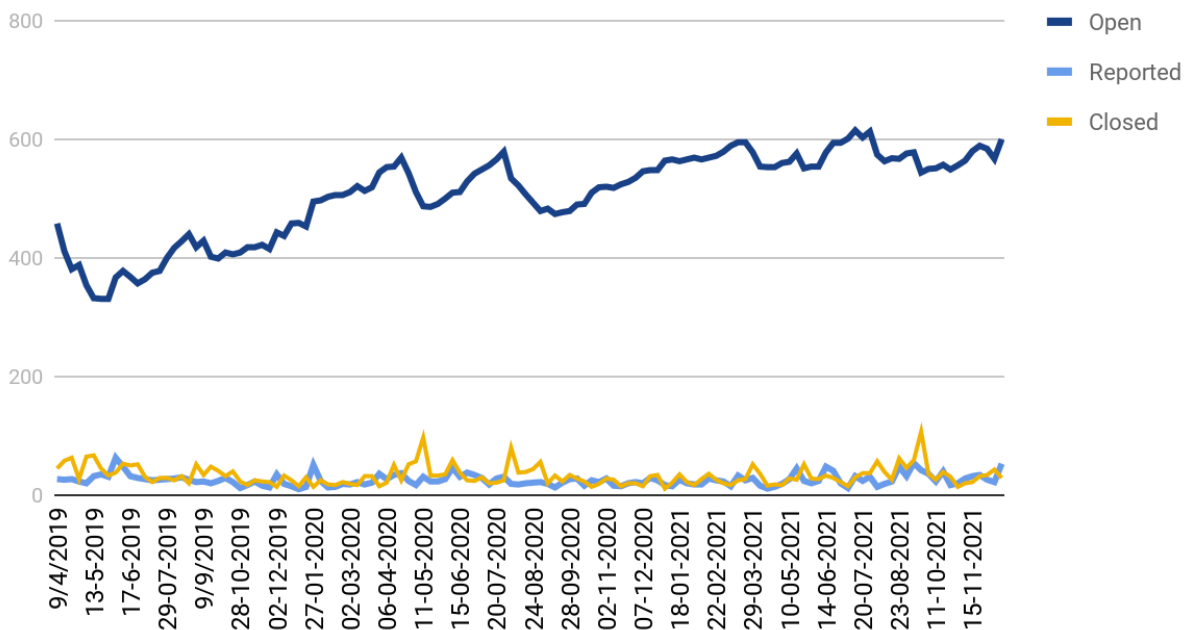
- Tiar (vacation)
- Sh_zam

Statistics

600 +53 -29 (567 +22 -43)

(Some of these come from the test week, but not all findings from the test week are in bugzilla)

Bugs



Commits in the past week (copied from github):

- Excluding merges, **12 authors** have pushed **35 commits** to master and **60 commits** to all branches. On master, **68 files** have changed and there have been [774 additions](#) and [341 deletions](#).

- Excluding merges, **16 authors** have pushed **52 commits** to master and **113 commits** to all branches. On master, **88 files** have changed and there have been [1,032 additions and 441 deletions](#).

Web

- Downloads (downloads.kde.org): **85,729** unique downloads last week.
- Web traffic: **191,824** visits, **429,963** unique page views last week.
- Donations: **4235** in the past month
- Fund.krita.org: **171** subscribers (173)
- Krita-artists.org: Total users - 13.0k (All time) Total Post - 106k (All time)
 - Active Users Last week - 517
 - Total Posts Last Week - 1.3k
- <https://subredditstats.com/r/krita>

Bugs and Merge Requests

- Ramon asks for people to look at <https://krita-artists.org/t/fifth-5-beta-of-krita-5-0-released/32791/29?u=ramonm> .

Release blockers: 4 (3):

446292	dimula73@gmail.com	REPO	Can't change Ten Brushes brushes
446588	dimula73@gmail.com	CONF	Brush preset reimport (same file) asks for overwrite. does not recognize that the file is the same md5sum.
446743	dimula73@gmail.com	REPO	overwrite resource with different capitalization fails with "couldn't be opened as resource"
446794	Halla	ASSI	Crash when trying to lock brush settings.

Regressions: 17

430188	krita-bugs-null@kde.org	CONF	Extra "Updating..." stage after opening a large file and toggling layer visibility
------------------------	-------------------------	------	--

435056	krita-bugs-null@kde.org	REOP	Safe asserts both when undoing and redoing a selection mask after copying contents
437429	krita-bugs-null@kde.org	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.
441370	krita-bugs-null@kde.org	CONF	KDE Plasma cursor is not displayed over docker area right after painting on 5.0 beta1
441945	halla@valdyas.org	ASSI	File Layers not working when opened with "folder icon"
442342	krita-bugs-null@kde.org	CONF	Cursor brush outline not visible on first pen proximity after opening document
443875	krita-bugs-null@kde.org	CONF	[resources/brush tip] Cannot overwrite a brushtip in ~/.local/share/krita/brushes/ directory
444919	krita-bugs-null@kde.org	REPO	Big size brush become more stutter on Direct3d 11 via ANGLE
445799	krita-bugs-null@kde.org	REPO	Some brush tip previews opaque, some not (git: afcbeae084)
446146	krita-bugs-null@kde.org	REPO	Reloading a brush takes noticeably longer than before
446292	dimula73@gmail.com	REPO	Can't change Ten Brushes brushes
446338	krita-bugs-null@kde.org	CONF	The status bar does not show the brush preset with a new or switched document
446623	krita-bugs-null@kde.org	REPO	FGtoBG gradient has incorrect preview in the gradient chooser
446662	krita-bugs-null@kde.org	REPO	Open document will set Brush Opacity to 100%

- | | | | |
|------------------------|-------------------------|------|--|
| 446737 | krita-bugs-null@kde.org | CONF | "Edit selection" tool options does not dynamically update |
| 446889 | krita-bugs-null@kde.org | REOP | layer visibility changes should not be included in the undo stack optional |

Merge Requests

- 48 open, of which 30 draft, 22 needs changes.
- https://invent.kde.org/graphics/krita/-/merge_requests/1216 needs review.
- https://invent.kde.org/graphics/krita/-/merge_requests/1215 will be merged
- https://invent.kde.org/graphics/krita/-/merge_requests/1224 - this updates g'mic to 3.0.1

Manual

- We need the string changes for the text page from Dmitry

Resource System Testing

- Resource System Testing Round 3:
https://docs.google.com/spreadsheets/d/1W_iAS1OiTSpZFC5b8XMZ6yH0DXmGqkABixuQYGd1PD0/edit#gid=870484866 – Please read the instructions here and take 2-3 sections.
- We got everything tested! This week, I spent most of my time on resource testing, testing 4 sections.
- Thanks everybody! Now it's just a matter of fixing these bugs. ;)

Website

- Weekly or biweekly development update (Halla)
- 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 will release a "beta".
- When we tag the final release, the merge window opens again

Releases:

5.0.0

- **RC next week, release before Christmas.**
- Release task: <https://phabricator.kde.org/T14985> , release campaign: https://docs.google.com/document/d/16gXo_pDDCMxMfWBWYdjF7esDd8ctOG7NQesSkI9ofNk
 - A list with things that really block us from releasing -- and that list should not be sloppy so only the list author knows what the items mean.
 - Press kit with images
 - Let's try to boost <https://krita-artists.org/t/call-for-artwork-for-the-5-0-release-notes/28084>
 - Ramon is offering all the things.
 - So is deevad: <https://www.peppercarrot.com/en/artworks/artworks.html> and <https://www.davidrevoy.com/index.php?tag/artworks>
 - [Krita 5.0 Release Campaign](#) -- overview of all assets we need for stores
 - Updated store pages
 - Needs splash and icon in a bazillion crops and sizes
 - Updated web page
 - Twitter/Deviantart/Mastodon/Youtube/Peertube/Facebook(?)/Tumblr icon and splash updates. (Also ask for Matrix and Gitlab with KDE admin and mods).
 - Final version of the release notes: <https://krita.org/en/krita-5-0-release-notes/>
- Should we take Android/ChromeOS out of beta and start asking money for it? The donation thing brings in about \$30 a month.
 - Sh_zam: it's stable enough for chrome os, but not android, but a lot of people won't be able to sideload our free downloads, plus, we need to make a new listing.
 - sh_zam will check whether we can have a separate download for devices with a keyboard (chromebooks)
- 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
 - ~~David T. wants us to include 3.0.0 if possible~~
 - G'MIC 3.0.0 is ready:
https://invent.kde.org/graphics/krita/-/merge_requests/1224
- Updated metadata editor plugin (fixes Dublin Core, also implements runtime loadable schemas)
- Compatibility with VFX CY2021 onwards (ie OCIO v2)

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:
 - Port to xsimd (wip from amyspark)
 - One-ring KisConfig class for centralized threadsafe configuration management (wip from amyspark too)

Youtube

- We're at 45K now.

Visual Identity for Krita

- Combination of website, manual, videos, welcome screen, stores
- Wolthera can create a palette and will share the font we should use.
- Assets: <https://files.kde.org/krita/marketing/5.0/>

Conclusion:

- we will work on a style manual with colors and fonts defined for various uses
- that's a longer-term project, so not directly relevant for the 5.0 release
- for things related to 5.0, use the new icon, the same font and typography, and the same colors

Roundtable

PEOPLE PLEASE ADD YOUR NOTES HERE. LAST WEEK THREE PEOPLE FORGOT!

- **Halla:** Last week I added the final images we can use for screenshots to the dropbox folder, as well the info to credit the artists. I then worked on making it possible to translate tags, which works now. And I tested two areas in the resource tests, one of them tags. this week I'll prepare screenshots for three os's
- **Wolthera:** This week, I spent most of my time on resource testing, testing 4 sections.

I've also been collecting links for <https://phabricator.kde.org/T8198>, there's a bit of a recommended reading order, so ping me if you're gonna take a look. In the weekend, I finished my ruby-layout experiments, it's now up to inkscape and others to think about it and the issues I found:
<https://github.com/w3c/svgwg/issues/870#issuecomment-991943723> But I'm kinda done with my text research deepdive for now.

I should spend the coming week on polishing the release notes firstly and bugfixes secondarily. Though, I doubt it'll take more than a day to polish the notes.
- **Emmet:** Last week Eoin and I spent the majority of our time testing resources. Aside from that, Eoin spent a chunk of time working on bug 446588, which I think dmitry now has an MR for
- **Ivan:** This week I fixed a few problems with the builder script, worked on some small bugs and tested. It took me more than expected since I was not finding many bugs, So I tried with in more cases and finally found one :D. In any case I think the rest of the bugs will have to wait for the rest of the community to be found as I couldn't find more. Also I started translating Release notes for 5.0 ... I haven't finished, they are massive.
- **Dmitry:** Originally I planned to do some resource testing, but in the end got drowned in fixing release blockers... though I fixed quite a bunch of issues in the end.
- **Amyspark:** The good news is that the OCIO locale patch is (finally!) merged upstream, it should land on the next point release. G'MIC also merged the MSVC compatibility patch in time for 3.0, except for the Qt bits-- those will need to wait until Sébastien is back from his leave. I did tiar's generalized tests on my areas, found a good ton of bugs, most of them corner cases which we didn't take into account. The biggest thing I found was that KisTagModel glitch that didn't deduplicate resources, and a small layout issue with the Bundle Editor dialog that made scrolling horizontally almost impossible (depending on your system theme). Apart from that, no news is good news, I think? That's all from me.

AOB

-

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
 - Dmitry has a list of commits he is unsure should be backported:
https://invent.kde.org/graphics/krita/-/merge_requests/1153/commits
- REMEMBER that **all** changes about the resource system must be added as a MR. I would appreciate it if you ping me in the MR as well (like writing @tymond in a comment or description) (Tiar). You can actually mark me as a reviewer, I will pass the "bigger" ones to Dmitry and Halla.
 - Put a days worth of fixes in one MR.

Next week

- Halla
- Backup: Wolthera