

06-12-2021 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

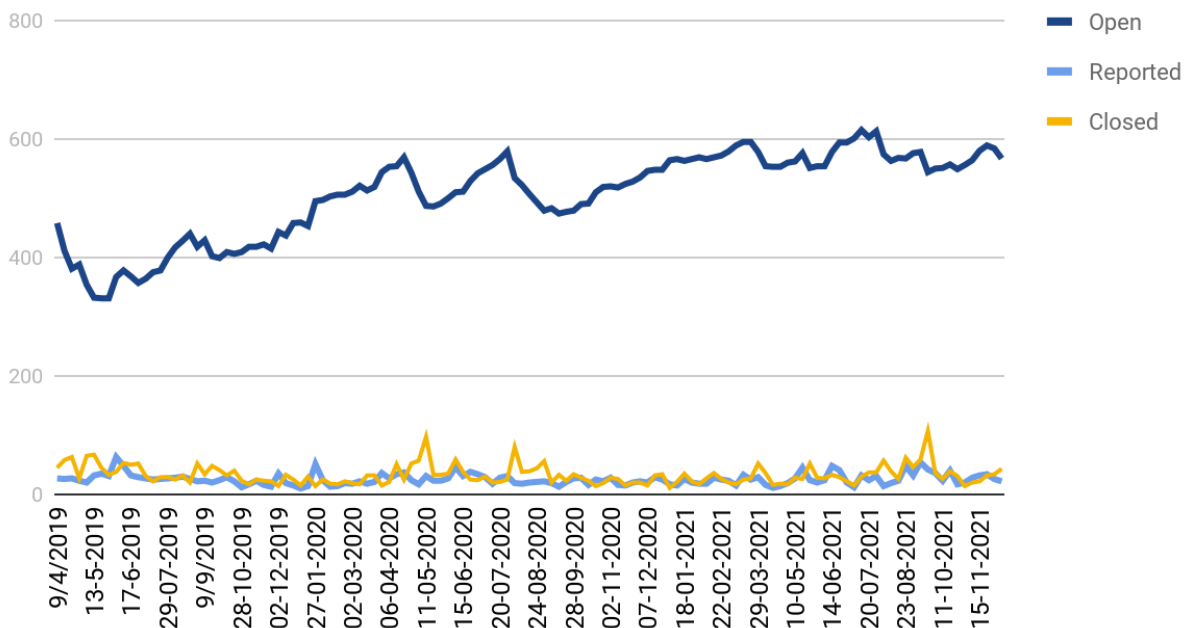
- Tiar (vacation)

Statistics

567 +22 -43 (584 +26 -34)

(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, **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](#).
 - Excluding merges, **12 authors** have pushed **50 commits** to master and **92 commits** to all branches. On master, **125 files** have changed and there have been [1,609 additions](#) and [889 deletions](#).

Web

- Downloads (downloads.kde.org): **85,976** unique downloads last week.
- Web traffic: **192,342** visits, **431m732** unique page views last week.
- Donations: **3968** in the past month
- Fund.krita.org: **173** subscribers (170)
- 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

Release blockers: 3 (9):

441350	dimula73@gmail.com	ASSI	Brushes works wrong, after selecting another pattern and reselecting the original one, they works like the should
445135	dimula73@gmail.com	REPO	"Foreground to background color" in layerstyles
445691	eoinoneill1991@gmail.com	REOP	Alpha Mask not working properly with predefined brush tips

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.
441350	dimula73@gmail.com	ASSI	Brushes works wrong. after selecting another pattern and reselecting the original one. they works like the should
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
444504	dimula73@gmail.com	ASSI	Can't save a brush preset with brush tip from ABR file in Krita 5.0 without a safe assert
444919	krita-bugs-null@kde.org	REPO	Big size brush become more stutter on Direct3d 11 via ANGLE
445135	dimula73@gmail.com	REPO	"Foreground to background color" in layerstyles
445691	eoinoneill1991@gmail.com	REOP	Alpha Mask not working properly with predefined brush tips
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	krita-bugs-null@kde.org	CONF	Can't change Ten Brushes brushes

Merge Requests

- 44 open, of which 31 draft, 22 needs changes.

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.
- Q: Are we ready to test? Is there anything significant that needs to be merged first?

Manual

- Wolthera merged emmet's storyboard template patch
- Wolthera also fixed a bunch of issues reported as bugs in bko
- Wolthera is waiting for dmitry's improvements for the manual entry on the hidpi workaround

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
- 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.
- ~~Ramon needs Krita on tablet footage. Sharaf is checking what he can do.~~

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

- **Halla:** I feel like I had a pretty productive week. I made three beta's.... I also worked on making tags translatable. That was interrupted by working on collecting images for the release materials, there's still a bit of correspondence to do.
- **Wolthera:** I merged Emmet's story-boarding-template doc, also fixed 7 documentation bugs that had been filed in bugzilla. I also fixed some minor palette issues.

I also went over all of the artwork with Halla.

I created <https://github.com/w3c/svgwg/issues/870> , which is for ruby layout in svg. I found that there's css-properties for ruby layout, so I'm currently (in my spare time) doing some tests with a python script to convert svg with these properties into svg 1.1 text. In the worst case, it will provide a way for Inkscape to handle ruby.

- **Amyspark:**
- **Eoin:**
- **Dmitry:**
- **Ivan:** This week I continued the 16bit integer rendering bug, from what we gather it could be caused by the difference in memory access between Intel and Apple chips. I think for the short run we can disable texture buffering on 16i Colorspaces. I also updated the builders to stop on any error so we avoid building incomplete dependencies or incomplete krita dmg. Aside from that I made some bug triagging
- **Sharaf:** Initially I worked on getting Qt 5.12.12 to work on Android. After that I tested if we could release app bundles on the play store and found an issue with them which I fixed in an MR to binary factory. After that, I worked on a bug 442972, but apparently copy/cut is still slow (bug 446360 but for different reasons). Finally towards the weekend I started working on a way to get crash logs for Android app. Relying on the Play Store for them isn't very great, due to details and delay. and I also recorded the footage for Ramon :) that's all!

AOB

- Debug fields (Wolthera)

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