

18-07-2022 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...)

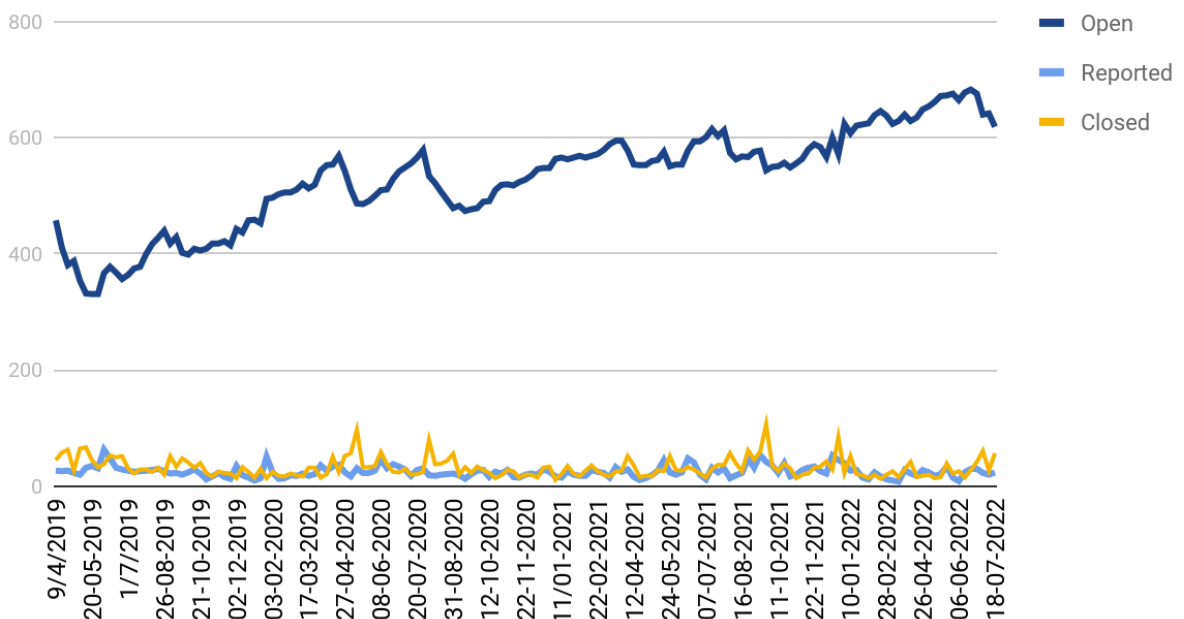
Absent:

-

Statistics

619 +24 -57 (642 +20 -27)

Bugs



Commits in the past week (copied from github, last updated 14-06-2022):

- Excluding merges, **7 authors** have pushed **31 commits** to master and **61 commits** to all branches. On master, **49 files** have changed and there have been [237 additions and 201 deletions](#).
 - Excluding merges, **10 authors** have pushed **25 commits** to master and **54 commits** to all branches. On master, **117 files** have changed and there have been [1,495 additions and 285 deletions](#).

Web

- Downloads (downloads.kde.org): **74,436** unique downloads last week.
- Web traffic: **164,532** visits, **370,544** unique page views last week
- Donations: **3991** in the past month
- Fund.krita.org: **181** subscribers (186 previously, 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: **53,602**
- <https://subredditstats.com/r/krita>

Code Stuff

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

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.
450577	krita-bugs-null@kde.org	CONF	Contiguous Selection Tool Hangs when double clicking on large canvas
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

453401	krita-bugs-null@kde.org	CONF	Speed sensor breaks if the user attempts to draw during document creation
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
455690	ghevan@gmail.com	ASSI	SAFE ASSERT. Crash after shortcut after using the trackpad for painting.
456351	krita-bugs-null@kde.org	CONF	Beta 5.2 1 : Flashing line while using polygon tool / polygon selection / Multibrush (origin line)
456382	amy@amyspark.me	REOP	Dropping Reference Images in outside of the canvas aren't placed at the event position

- Failing unit tests:
- **Builder (-2):**
 - [rojectroot.libs.ui.tests.libs_ui_kis_shape_layer_test](#)
 - [projectroot.libs.ui.tests.libs_ui_kis_animation_exporter_test](#)

Bugs

-

Merge Requests

-

Manual

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

- The manual section on bezier and/or shape drawing tools/shapes is outdated, plus there might be real bugs in Krita here. https://bugs.kde.org/show_bug.cgi?id=442184 is a forever-bug. [fixed]

Website

- 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](#)

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

- Now we are 54.800
- All images are done: recording and editing will happen this week
 - there's a new bundle~
 - video release wednesday
- Next video about gestural drawing and sketching

Org Stuff

- There are new rules about how you can handle a foundation. I need four extra officials to make sure nobody is the Ultimately Benefiting Owner, or Ubo
- Volunteers:
 - Scottyp
 - Dmitry
 - Ivan
 - Emmet
- Looks like the CoC website is broken, I tried with two different browsers and got errors all the time
- I might already need a scan of the ID and the proof of domicile

Roundtable

- **Halla:** I actually went through a lot of bugs nobody had looked at before, and fixed a number of them, closed others. I also did the beta release, hampered a bit by the windows and appimage builders breaking down.
- **Wolthera:** I spend the last week a few days on really getting the 5.1 stuff ready because I wanted to give myself a bit more room during the really hot days. I've managed to get that done and did some fixing this morning. I am not expecting myself to do much useful tomorrow because the temp is really high.

Will be working on release notes when I am not melting away though

- **Tiar:** I implemented Shift snapping assistant handles to 15 degrees, not just 90 degrees as it was before, and saving editor widget to .kra file (both in MR !1508). I created a Python plugin for fixing brushes saved/updated in Krita 5.1 beta1. I created MR !1521 to prevent crashing on incorrect brush preset, but will have to make some changes, and I started working on snapping any perspective-related assistant and maybe perspective transform tool to any existing vps and horizons (vp to vp, horizon to horizon and vp to horizon, possibly also horizons to vp but that seems to be overkill). I posted on KA asking for feedback about the Perspective grid but got zero response:
<https://krita-artists.org/t/lets-make-perspective-grid-more-useful/44181>
- **Dmitry:** I was working on crash-level bugs last week. Now all the crash bugs are either assigned to someone, or android or macos :) I'll switch to regressions this week. I've also rewritten the color picker tool to reuse code from the ctrl+gesture (it fixed a crash) and recovered the lager branch.
- **Eoin:** So emmetpdx and I spent time on the audio branch last week just to continue to nail down some of the build system stuff and the few remaining bugs. I think we're basically ready to make an appimage for sharing soon, which is good. Otherwise, we've been trying to be on top of any animation related bugs that come in before 5.1 release. This week, we might poke around at other bugs if they aren't already assigned just to help speed up the releasing process if we can.
- **Amyspark:** I've had a week very busy with IRL things, so didn't get to work much. Am down since Thursday due to hospital checkups and house repairs.
Did some review of Dmitry's MR about the eyedropper tool, mostly about style and convention nitpicks. Before downtime, I was researching our current architecture dispatch system and the feasibility of making it into an one-stop (read: static const lambda-able) architecture checker and dispatcher, which would enable us to dispatch

both class and function instances. Currently, the dispatcher instantiates a static variable + the KConfig overhead for every class instance, at dispatch time, which is obviously unnecessary (and potentially wrong with Alder Lake/Intel Big.LITTLE platforms).

- **Sharaf:** Well, last week for the most part I was polishing up a number things I had for creating MR !1522 (Qml Welcome Page), testing and writing the MR description. Other than that I looked into bug 452662, for which I wrote a patch which would theoretically fix the bug, but I'll need log from windragon. if what I fixed was indeed the bug. I also looked into the huge backlog of krita-artists pings I had and gathered some issues (mostly android). Now, I'm gonna do a little bit of bug fixing for the touch system and android. That's all!
- **Reinold:**
- **Xu Che:** I had some other things last week. I've been training from 9am to 9pm for 6 days, so I didn't do too much, sorry about that. And i'll have to write all the missing blogs next week...

AOB

- BCooksley's mail about gitlab, does that affect the fundraiser? [wolthera]
 - Halla has asked on the community mailing list
- Is it fine to report wishes that are reasonable to bugzilla? -> KA is good for discussions and mockups, not as good as a database [tiar]

FYI`

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

Next week

- Halla
- Backup: Wolthera or tiar.