

03-04-2023 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:

- Wolthera (vacation)
- Amyspark (vacation)
- Tiar (vacation)
- Emmet (sick)

Meeting Meta

Rotation: [Halla, Emmet, Amyspark, Wolthera]

Today's Lead: Halla

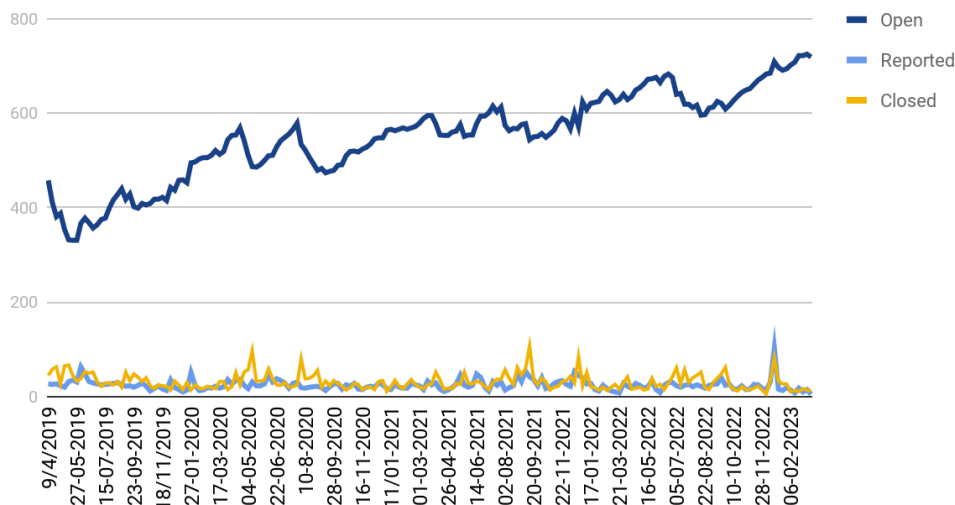
Next Week's Lead (i+1): Halla

Next Week's Backup (i+2): Emmet

Statistics

729 +15 -15 (719 +5 -13)

Bugs

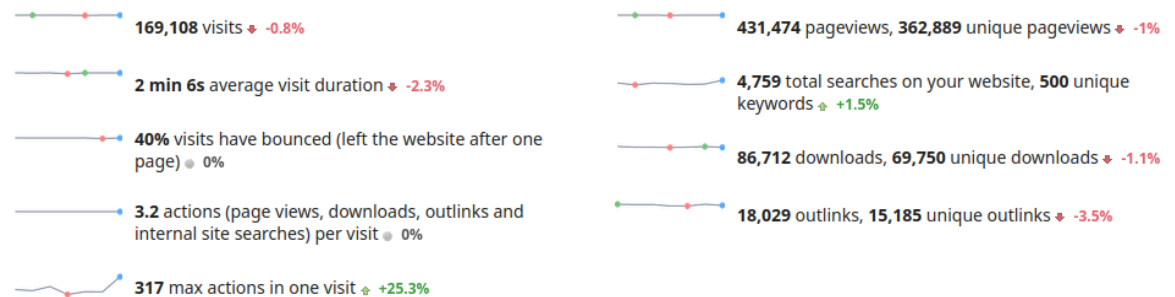


Commits in the past week

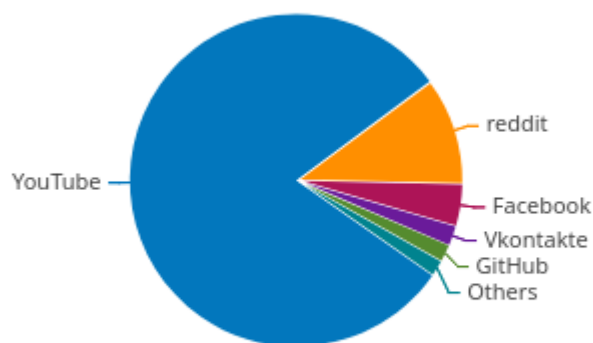
- Github says: “There hasn’t been any commit activity on KDE/krita in the last week.” – but that can’t be right... Can it?
 - Excluding merges, **5 authors** have pushed **23 commits** to master and **27 commits** to all branches. On master, **103 files** have changed and there have been **25,015 additions and 20,908 deletions**.

Web

Visits Overview



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- Donations: **7106** in the past month
- Fund.krita.org: **188** subscribers (peak was 202, last week 190)
- Krita-artists.org: Pageviews last week - 277k
 - Active Users Last week - 844
 - Total Posts Last Week - 2.8k
 - Sign-ups - 19.4k
- Twitter: **Doesn't show your subscriber number anymore unless you pay...** (63311)



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- [Mastodon](#): **7328** (7288)
- [Peertube](#): **763** (759)
- <https://subredditstats.com/r/krita>

Code Stuff

Regressions

- 19 [bugs marked as Regression](#) (+3)
- Failing unit tests:
 - `libs-flake-TestSvgParser` (Failed)
 - `libs-flake-TestSvgParserCloned` (Failed)
 - `libs-flake-TestSvgParserRoundTrip` (Failed)
 - Fix awaiting upstream:
<https://github.com/mm2/Little-CMS/pull/364>
 - `KisHeifTest` (quantization + subsampling error)
 - Fixed in the PNG optimizations branch
 - `plugins-libpaintop-KisCurveOptionDataTest` (Failed)
- What is the policy on updating font libraries, like 'harfbuzz'. We use quite old version which doesn't support clang16 (not yet our main compiler). I have patched that, but harfbuzz 6.0 or 7.1 does already have the fix included
- Why do we build fontconfig/harfbuzz after Qt, making Qt link to its own copies of it?
- Status of "Screen identification project"
https://invent.kde.org/graphics/krita/-/merge_requests/1768 . Needs Android and macOS implementations.

Bugs

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Updating Dependencies

- Deps are working on all platforms
 - CI is broken: we need to ask sysadmin to install libunibreak in a sysadmin request.
- We need the more permanent fix of having a Stable-specific 3rdparty build, I've recall this happening also when we moved from 4.x to 5.x [ivan]
 - (amyspark) we would need to set the deps up in Gitlab directly, Jenkins is getting decommissioned.
 - (amyspark update) we need to set some complex packaging rules, needs further research
 - (amyspark update 2) Ben means us to use GNU Make's `DESTDIR` macro, which is incompatible with CMake's Ninja generator and natively altogether on Windows
https://cmake.org/cmake/help/latest/variable/CMAKE_INSTALL_PREFIX.html

Merge Requests

- MLT MR is “too long” (>100 commits) and sysadmins aren’t going to be happy.
 - Halla: is this now blocked on amyspark being on holiday, or can we merge?

Manual

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Website

- Scottyp is working on a Hugo-based replacement for wordpress,
 - At this point, mostly waiting for the new infrastructure to be put in place for the new krita.org build pipeline. That needs to happen before the Mollie payments can start working for the new site. There is also a bit of work going on with making the KDE theme have a light/dark mode toggle.
 - Need to talk with Raghukamath and others to see if we need to revise any of the content. It was brought up and I want to do that before I get the new site all translatable.
 - <https://krita-artists.org/t/need-help-in-writing-polishing-and-editing-content-of-new-krita-org-website/52003>
 - new site hooked into the KDE18n. New languages starting to appear in languages drop-down on top of site
 - New location for repository on websites project: <https://invent.kde.org/websites/krita-org>
 - temporary build system going which publishes to <https://dev.krita.org/> (live now)
 - A new build system is being worked on that will replace Jenkins...which will replace what is currently set up. Scott to work with bcooksley to eventually get that going (30-01: this is still relevant).
- scottyp has reviewed the MR for the theme switching system for krita.org. It’s looking good.
- the main wait is for the API keys to work for the mollie/one-time payment part to work

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:

5.2.0

- Release Notes: <https://krita.org/en/krita-5-2-release-notes/>
- 1H 2023
- **Need to properly start the release notes**
- Will contain:
 - Animation Audio + Bundled FFMpeg ("Safe" formats only)
 - Updated dependency set
 - New text shape
- Should contain:
 - Parallelized OpenGL canvas render (Amyspark)
 - ...

Youtube

- 66000 subs this week.
- New video and brushes were well received, working on the next: masked brushes. Currently in the scripting stage.

GSOC

- Mentor registration is starting soon.
- Contributor applications will open on **Monday, March 20, 2023 at 18:00 UTC** with a deadline of **Tuesday, April 4, 2023 18:00 UTC** to submit your application (including your project proposal).

Roundtable

- **Halla:** Sunday was the first day in weeks that I could stay up all day, without going to bed for the whole afternoon. But I still managed to do some work last week!
I've been triaging bugs, did admin work on Saturday (paying people, I still don't have all invoices, though...)
I've also worked on the scripting docker, got the docker and the splitter and the editor working. But the scripter plugin has a bit of a complex structure, and I don't think I fully understand what Eliakin was trying to do there. (plus, I've forgotten a lot of python)
And I published the 2022/2023 dev update, after working on that for three months... I started it between christmas and new year

- **Sharaf:** Last week I had an exam, so when it was over I could dedicate some time, I tested the canvas rotation merge request and then I responded to the comments I got on Qt's gerrit for a patch I had upstreamed.
Finally I looked into bug 467897, which seems to be happening only on Android. There seems to be some calculation which is resulting in NaN, which is causing the canvas to have NaN for pixels.
- **Dmitry:** These two weeks I've been working on two projects: 1] implementing Windows backend for QScreen::serial() and QScreen::model(). The patch is merged into our forked Qt tree one problem: it is impossible to merge it easily into Qt6, so I couldn't upstream it.
The other project was rewrite of Cumulative undo I consider it finished now I would really like to hear deevad's feedback about that :) If he is fine with this implementation, I guess, we could merge that
- **Ivan:** This week I kept my work on stable sandbox but faced an issue with build: I wasted one day trying to fix a build crash for my stable build, it only crashed when testing sandbox mode but there was no fix, the build was faulty :/. Then I looked around Qt to port code as there seems to be a bug in qt that mangles URL objects in stable. A quick test in master saves correctly new files, however it should not save on master so either there is no but in qt or sandbox is not working properly at times (which I doubt but most probably it needs a proper bundle env to work reliably, and that needs to build a full krita.app for test changes which is not ideal :/).

AOB

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FYI

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