

12-08-2024 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:

- **Halla** (sick)

Meeting Meta

Rotation: [Wolthera, Emmet, Halla]

Today's Lead: Emmet

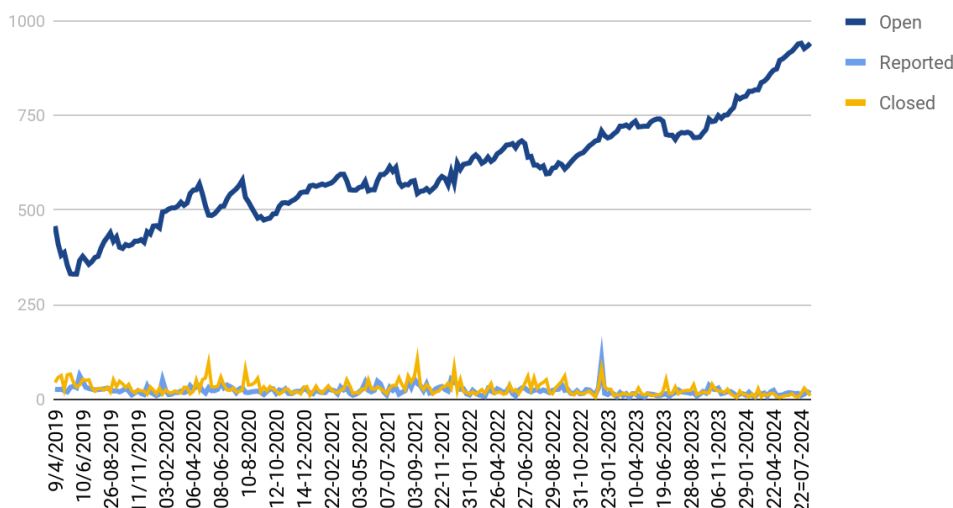
Next Week's Lead (i+1): Halla

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

Statistics (not updated today)

933 +20 -20 (927 +14 -30)

Bugs

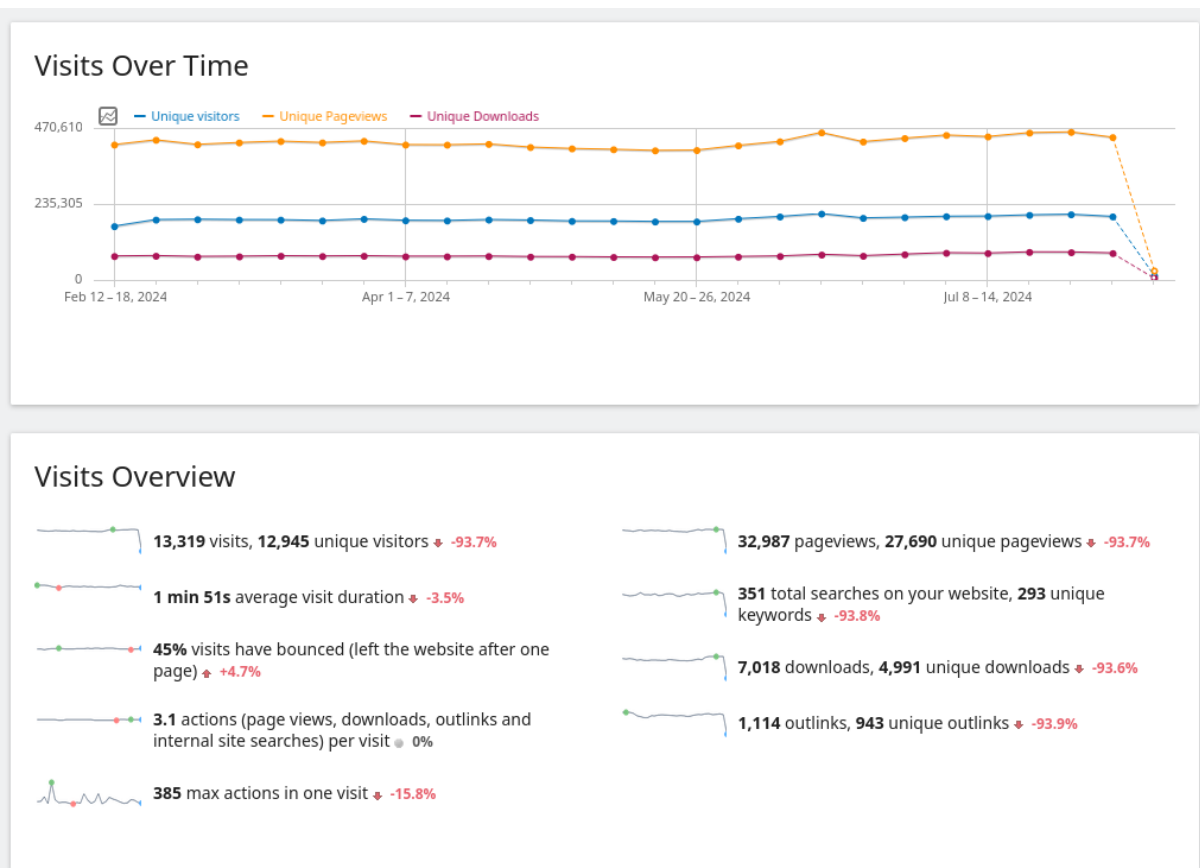


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Commits in the past week

- Excluding merges, **7 authors** have pushed **76 commits** to master and **82 commits** to all branches. On master, **181 files** have changed and there have been **12,523 additions and 6,450 deletions**.
- Excluding merges, 10 authors have pushed 42 commits to master and 55 commits to all branches. On master, 152 files have changed and there have been 34,619 additions and 25,996 deletions.

Web:



- Donations: **€2960** in the past month
- Fund.krita.org: **253** subscribers (244)
- Krita-artists.org: Pageviews last week - **277k**
 - Active Users Last week - 1.0k
 - Total Posts Last Week - 1.5k
 - Sign-ups - 24.2k
- [Mastodon](#): **8.5k**
- [Peertube](#): **903**
- <https://subredditstats.com/r/krita>

Code Stuff

- Qt6
 - Halla will port in master:

- first port away from api removed in Qt6 to new api that is present in 5 and 6
 - add a cmake switch to switch between 5 and 6, trying to keep disruption to a minimum
 - only when absolutely needed, have different code for 5 and 6
 - Halla sent mail to kde-devel to ask for guidelines
- PaintOp Presets version update
 - https://invent.kde.org/graphics/krita/-/merge_requests/2191
 - Should we update the presets version and make them (silently) non-loadable in the previous versions of Krita?

Regressions

- 20 [bugs marked as Regression](#) (-2)
- 1 [bug marked release blocker](#). (-2)

Updating Dependencies

Task: <https://phabricator.kde.org/T16430>

Split Dependencies Project

3rd of June 2024:

- We now have ASAN and Debug builds on CI, these are weekly.
 - <https://invent.kde.org/graphics/krita/-/jobs/1866712>
 - <https://invent.kde.org/graphics/krita/-/jobs/1866711>
- ASAN and Debug builds on cdn.kde.org?
 - Downside: people might accidentally download these even if unnecessary (These builds are a bit slower than release builds)
 - scott and dmitry discuss whether it needs multiple links or the like? (Dmitry will create issue)
 - we will need to update clang to clang18 on windows after the release

Merge Requests

- Text properties docker got merged, but there's some packaging issues on MacOS and Android:
 - running from build directory seems to work in MacOS, but not packaging.
 - Android requires unpacking deps manually into dep folder.

Manual

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Website

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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:

Schedule

- 5.2.5 with bug fixes early september
 - we really need the release blockers fixed, there are issues with tiff files and opening multiple files
 - clang will be updated on windows this month before that. (dmitryK)
- No 5.2.4 build for macOS, appstore needs to be fixed first (Ivan).
- regressions and release blockers are down!

Youtube

- 88,900
- almost 90.000 working on the video to publish tomorrow because wednesday i am on holydays already
- i am rendering the video, and the cover is done too, so i hope to publish today almost night or tomorrow morning
- and i am also working already in the next video i have all the textures to be included in a new bundle for templates

GSoC

- Pixel Perfect Lines
- <https://kenlo.hashnode.dev/week-11-recap-final-stretch-week-11-blog>

- Seems to be in final stages, emmet and ken are confident it's going to finish successfully.

Roundtable

- **Halla:** I spent last week on making our build system work with Qt5 and Qt6, and today everything ran. There are still a bunch of deps missing, but the code is pretty clean, and I've followed the best practices people shared with me on kde-devel.
- **Wolthera:** spend last week being sick. Answered some questions on the forum.
- **Emmet:** Last week I tested/reviewed KenLo[M]'s GSoC MR (which seems to be mostly working as intended--just needs a few fixes and some cleanup), and I also started looking into a feature that I'd like to work on (<https://krita-artists.org/t/custom-brush-property-input-slider-with-shortcuts/45224>), though I know we're doing a "bug month" soon. :)
- **Tiar:** I made a script to convert PyTorch models to Openvino ones and I converted the python script for Krita I have to use Openvino as well instead of PyTorch. I still have some issues with it - it currently gives me completely blank pixels, I gotta check out whether I'm using wrong models or I messed up the conversion somewhere. I also have to think about how to add info about the model (things like "what kind of number the initial data must be divisible for" or "do you need to invert input and output"), because in PyTorch, I could include it in the model, but I think it's missing in OpenVino after conversion (but that also gives us an advantage because with PyTorch, I'd need to include the whole training code with the Python script, and with OpenVino the model file is enough)
- **Dmitry:**
 - I spent a lot of time on race conditions in layers:
<https://krita-artists.org/t/need-help-with-testing-layer-removal-fix/98618/8>
 - The problem seems to be quite difficult to fix and we need to recover the KisOperation idea that we had with slangkamp back in 2010...
 - then I made two tasks that I would really like to get help from someone...
 - Task 17517 "Port Windows building scripts from cmd.exe to Python" [Open,Needs Triage] {Krita} <https://phabricator.kde.org/T17517>
 - Task 17523 "Fix packaging QML libraries on Android" [Open,Needs Triage] {Krita} <https://phabricator.kde.org/T17523>
 - finally, I would really like to get input from painters about the version increment in the paintop presents, but I'm not sure that we have quorum for that right now...
 - Wolthera: Maybe write a mail to the ML describing the pros and cons, and then we can mull it over a bit till the next meeting that isn't in body-temperature weather
 - Dmitry: okay, ML, agreed (also on KA)
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AOB

- Sonar Pen: <https://invent.kde.org/greenblub/sonarpen> – the blob is gone, so we should integrate their patches in our Qt.
- Dmitry's TODO list is overflowing, can we delegate some of it? [wolthera]
 - MacOS and Android issues are a problem: Ivan will take responsibility for the MacOS issues, but we are lacking a dedicated android maintainer. We should evaluate the Android tasks next week (12th of august)
- [halla] Bug month?
 - Dmitry's working on a document.
 - right after 5.2.5 a bug month.
 - please no feature MRs during bug month.

FYI

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