

04-04-2022 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...)

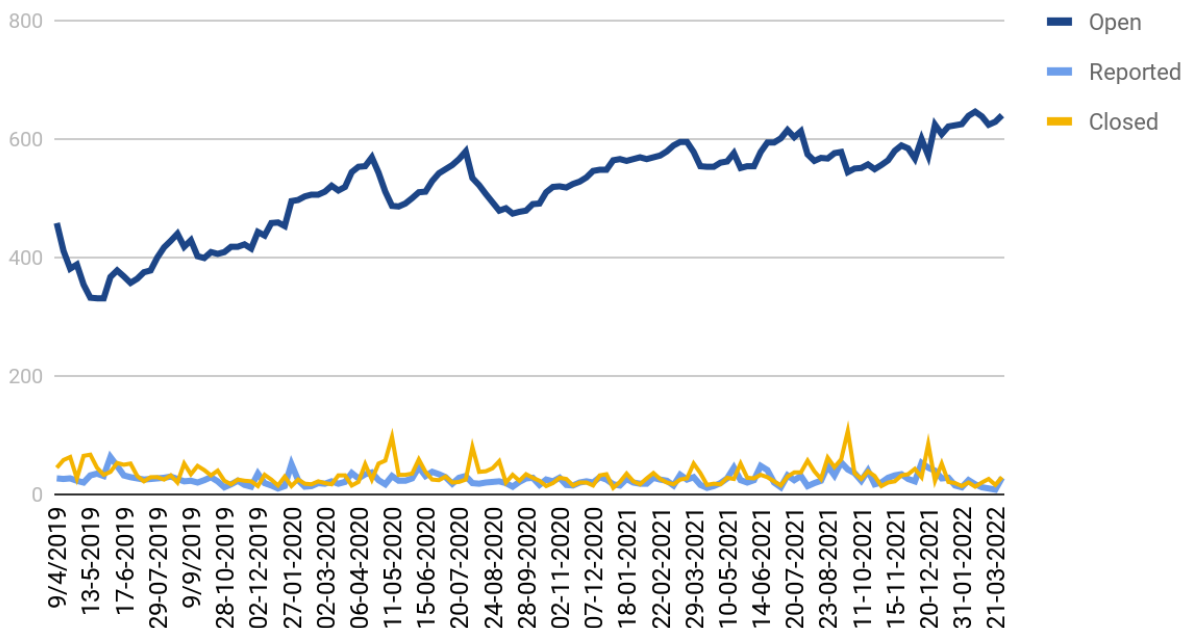
Absent

- Dmitry
- Halla

Statistics

640 28 -29 (629 +8 -16)

Bugs



Commits in the past week (copied from github):

- Excluding merges, **11 authors** have pushed **53 commits** to master and **89 commits** to all branches. On master, **126 files** have changed and there have been [1,114 additions](#) and [1,215 deletions](#).
- Excluding merges, **9 authors** have pushed **31 commits** to master and **42 commits** to all branches. On master, **138 files** have changed and there have been [1,182 additions](#) and [755 deletions](#).

Web

- Downloads (downloads.kde.org): **81,971** unique downloads last week.
- Web traffic: **190,957** visits, **417,430** unique page views last week
- Donations: **4443** in the past month
- Fund.krita.org: **195** subscribers (189 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
- <https://subredditstats.com/r/krita>
- Failing unittests: **0**

Bugs and Merge Requests

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Merge Requests

- New file format: [Draft: \[FEATURE\] Add support for JPEG-XL](#)
- xsimd preparation MR: https://invent.kde.org/graphics/krita/-/merge_requests/1381

Manual

- No decision yet on the traditional chinese manual build

Website

- 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:

5.0.4

- Waiting for fixes for macOS sandbox
- Tagged from krita/5.0
- Please backport anything that's safe
- Only new strings if they fix a bug
- Freeze 28-2, beta ~~7-3~~, release ~~44-3~~

5.1.0

- Release date:
 - May 1st String Freeze
 - May 7th Freeze
 - May 20 release
- 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
- Should contain:
 - JPEG-XL support: https://invent.kde.org/graphics/krita/-/merge_requests/1363

5.2.0

- Should contain:
 - Port to xsimd (wip from amyspark)
 - Requires addition of masked loads/gather-scatter upstream
 - Not yet available
 - One-ring KisConfig class for centralized thread safe configuration management (wip from amyspark too)

Youtube

- 50,300 subscribers

Roundtable

- **Halla:** I actually fixed a bug...
- **Dmitry:** From 28.03.2022: Last week was relatively "successful" in terms of working time for me. I could work almost four full days. I mostly worked on fixing random bugs from my bugzilla list (colormudge brush on graya images and halos around transformed objects). I also spend quite a bit of time on testing and reviewing merge requests.
From 04.04.2022: Last week I fixed several bugs and spent a lot of time on helping Amyspark and Alvin with xsimd and new angle branches. The xsimd branch looks somewhat ready for final review and testing (I haven't checked its code yet), and the Angle branch seems to work correctly now (though we might need to find a better fix for the framerate issue).
- **Eoin:** Last week emmetpds and I managed to finish a refactor in our audio branch. There's still a lot more to be done but at least multi document doesn't crash anymore. :) Otherwise, we did odds and ends with some ffmpeg tasks including knowzero's merge requests.
- **Wolthera:**

Stylistic Alt 1: greyhounds run over the green field.

Stylistic Set 5: zanzibar zebra

Fractions: $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$

Super: m²³⁴⁴ m₂₃₅₄.

100 - 200 - 250 - 300 - 350 - 380 - 400 - 500 - 600 - 700

Numeric Forms:
 LINING NUMBERS: 1234567890
 Old style numbers: 1234567890
 Proportional numbers: 1234567890
 Tabular numbers: 1234567890

داستان SVG 1.1 SE طولاً نی است.

Text length test

LANGUAGE CODE 'TURKISH': İNSANLIK AİLESİNİN BÜTÜN

LANGUAGE CODE 'ENGLISH': İNSANLIK AİLESİNİN BÜTÜN

Regular Text

SMALL CAPS SENTENCE WITH CAPITALS.

PETITE CAPS SENTENCE WITH CAPITALS.

unicase sentence with capitals.

SMALL CAPS FOR ALL: EVERY DAY!

PETITE CAPS FOR ALL: EVERY DAY!




Before path.After path.



I spent the last few weeks on replacing QTextLayout with raqm+freetype. Since the last screenshot, I managed to fix vertical text offsetting weirdly, implemented basic variable font support, language handling and the css values for opentype features. I am getting to the point that I need to make an MR to discuss the problems I am facing.

- **Sharaf:** Last week was mostly a bugfix week and looking at the feedback from KA on Gestures and some issues mentioned by windragon. I created an MR for it (MR !1395), which is currently in review and needs a fix for another issue :) Other than that I fixed another unrelated bug which seemed rather trivial and added a feature on Android where users' configs don't get deleted if they uninstall the app. that's basically it.
- **Tiar:** I fixed hitboxes for curve widget (bug [446755](#)) and tried to fix Luminosity/Shine SAI blending mode, but it's still not correct (MR !1399).

AOB

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FYI

- GSoc is on. Please get your mentor invite!
- PSA, please do remember, when making new classes or adding new variables, both in normal classes or ::Private, to make sure that all trivial types like: int, bool, qreal, or any raw pointers (MyCustomClass *pointer) should be initialized in the class like that: type variable {value}; (pointers to "nullptr" and everything else either to 0 or any other sane default value)

Next week

- Halla
- Backup: Emmet

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