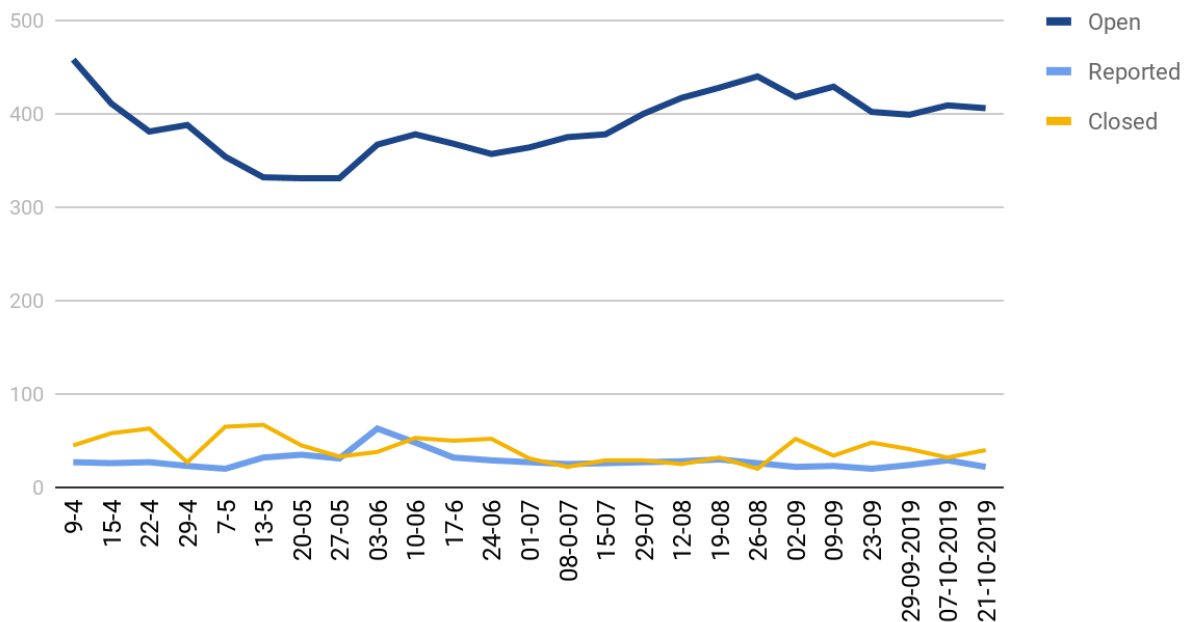


## -10-2019 Meeting Agenda and Notes

### Statistics

Bug stats: [406](#) +22 -40 ([399](#) +24 -41):

#### Bugs



Commits in the past week (copied from github):

- Excluding merges, **8 authors** have pushed **26 commits** to master and **28 commits** to all branches. On master, **218 files** have changed and there have been [899 additions](#) and [1,251 deletions](#).
  - Excluding merges, **9 authors** have pushed **19 commits** to master and **98 commits** to all branches. On master, **38 files** have changed and there have been [277 additions](#) and [244 deletions](#).
- Downloads (downloads.kde.org): **43,457** unique downloads
- Web traffic: **83,574** unique visitors, **249,681** unique page views
- Donations: **1472.25** from **142** people.

- September: **2162,07** from **206** people. August: **3696,43** from **204** people. July: **2321** from **199** people, June: **2763,96** from **231** people May: **€2768,00** from **231** people.
- <https://subredditstats.com/r/krita>

## Steam

- Localization task: <https://phabricator.kde.org/T11485>
- Appimage is still giving trouble
  - Boud can reproduce this on his desktop
- Rebecca has translated the Steam page into German

## Youtube and video

- Video has been released
- Ramon is updating the script and trying to produce the next video faster

## Fundraiser

- <https://phabricator.kde.org/T10283>
- To coincide with 4.3, which should be the Zero Bugs release
- A list of smaller projects/targets/bugs people can choose from
- Bugs, features, all split up and estimated to one week, or all two weeks of work (granularity to be decided)
- We need some smaller rewards: what can we hand out as rewards for low pledges? Either immaterial things or something that fits in an A6 envelope and doesn't weigh more than say 50 grams.
- <https://pinsandmore.nl/pins-en-speldjes/>
- Also looking into stickers because people love those.
- We can do a project with Ramon to provide tutorials as a reward. This could be beginners geekstutorial on working with Krita, like Muses.

## Manual

- There is a phab task for the docs site organization: <https://phabricator.kde.org/T10178>  
There's a task checking what needs updating this year: <https://phabricator.kde.org/T10331>
- ~~Tusooa has drafted a manual page for building with re-used deps: <https://invent.kde.org/websites/docs-krita-org/merge-requests/57>~~

- Tiar has created a task for improving the pages about giving user support: Task 11427 "Better user support" [Open,Needs Triage] {Krita: Manual}  
<https://phabricator.kde.org/T11427>
- The 404 page for non-english is still broken: wolthera needs to make a syasmin ticket for this
- Wolthera has spent this week on updating the manual. It's now up to date.

## Website

- Scott has created a sysadmin ticket to discuss the ID idea for logging in for the fundraiser/developer fund so people can manage their settings. This is still pending.
- The startup page links are being used a lot, especially for the manual and getting started. Boud is having fun speculating about changing the order of the links in sneaky ways.

## Release

*Release procedure for stable releases:*

- *We release once a month*
- *Two weeks before we release, we close the merge window: only regression fixes are allowed*
- *Two weeks before the release, we release a "beta" with a link to a survey for testing*
- *When we tag the final release, the merge window opens again*
- *And everyone is supposed to merge their backlog of fixes (or maybe we can appoint a designated cherry-picker...)*

Release dates:

- 4.2.7:
  - Done
- 4.2.8: October 31st for the beta
  - There are a number of regressions
  - Boud will do backports
  - The macOS build must be notarized
- 4.3.0
  - Release notes: <https://krita.org/wp-admin/post.php?post=9437&action=edit> (to be filled in) (Task for Wolthera)
  - To be postponed
    - But we'll start making alpha builds in October (after resources work is merged)

- At the blendercon sprint, we'll discuss sharing the work on the resources rewrite, it's too much for one man.

## Builds

- The notarized macOS build is troublesome
- openEXR needs to be updated

## Any Other Business

- Ramon's mentions "problems with layers and masks" -- has prepared a document and will make a video to demonstrate
- Ramon has made a layer cheat sheet:  
<http://pasteall.org/pic/show.php?id=cb8b8b0c5ae5d88878116a07340b35bd>
- Wolthera has created a spreadsheet to document all our half-done features:  
[https://docs.google.com/spreadsheets/d/117GskE9uh5VHe\\_hsABrxZyRiR\\_VTA08isTO\\_e92Af0/edit?usp=sharing](https://docs.google.com/spreadsheets/d/117GskE9uh5VHe_hsABrxZyRiR_VTA08isTO_e92Af0/edit?usp=sharing) We could use this as inspiration for the voting list for the next fundraiser.

## Any Other Announcements

(That is AOB, but for things that don't need discussion)

- Sprint!
- There is a nightly android build:  
[https://binary-factory.kde.org/job/Krita\\_Nightly\\_Android\\_Build/](https://binary-factory.kde.org/job/Krita_Nightly_Android_Build/) Sh\_zam will look into what's needed to get a release build published through the KDE channels.

## Achievements of the Week

- 

## Doing/Done/ToDo

### Dmitry:

- Todo
  - Fix layer styles blending: [https://bugs.kde.org/show\\_bug.cgi?id=412283](https://bugs.kde.org/show_bug.cgi?id=412283)
  - Implement an option for working-around the "eraser-with-button" wacom bug on windows
  - Check ports about WinInk's gestures support: <https://phabricator.kde.org/T10935>

- Bugfixes:
  - [https://bugs.kde.org/buglist.cgi?bug\\_status=UNCONFIRMED&bug\\_status=CONFIRMED&bug\\_status=ASSIGNED&bug\\_status=REOPENED&email=dimula73%40gmail.com&emailassigned\\_to1=1&emailtype1=substring&list\\_id=1606933&product=krita&query\\_format=advanced](https://bugs.kde.org/buglist.cgi?bug_status=UNCONFIRMED&bug_status=CONFIRMED&bug_status=ASSIGNED&bug_status=REOPENED&email=dimula73%40gmail.com&emailassigned_to1=1&emailtype1=substring&list_id=1606933&product=krita&query_format=advanced)
- Blockers
- asan crashes from Wolthera
- Done:
  - Broke his arm, so now Dmitry is temporary left-handed :(

## Wolthera:

- Done:
  - Made [https://docs.google.com/spreadsheets/d/117GskE9uh5VHe\\_hsABrxZyRiR\\_VTA08isTO\\_e92Af0/edit?usp=sharing](https://docs.google.com/spreadsheets/d/117GskE9uh5VHe_hsABrxZyRiR_VTA08isTO_e92Af0/edit?usp=sharing)
  - Worked on manual
  - Reported bugs.
- Needs to do:
  - Work on lag page.
  - Fix patch for openraster vector support: <https://phabricator.kde.org/D9228>
  - <https://phabricator.kde.org/D9877> (needs review)
  - Document KPL better, for inkscape devs.

## Scott:

- Done:
  -
- Doing:
  - Maybe play around with the cursor patch. Need to think about that with all the discussion going to
  - Have a small patches in gitlab I need to revise
  - Started working on branch to reduce the size of the configure window

## Boud:

- Doing
  - Resources rewrite: added resource iterators and started porting away from the resources() method
  - Search bar (on hold)
- Done
  - Added metadata mechanism to the resource cache database

- Bug fixes
- 4.2.7 release
- Coverity build
- Todo
  - Fundraiser planning

## Windragon

- (Doing) Looking at fixing some issues when using fractional DPI scaling
- (Todo) random bugfixes?
- (Doing On hold) Experimenting with Rust
- (Ongoing/Todo) Improve processing of DrMingw stack dumps (needs documentation)
- ~~(Todo) Maybe implement a hackish (probably not unlike other software that has this) WinTab mouse mode (by taking mouse coordinates with tablet pressure)~~
- ~~Or alternatively, implement an actual relative mode?~~
- <https://phabricator.kde.org/T8050>
- (Planned for later:)
- (Todo) Update docs on building on windows

## Irina

- Done:
  - Collected interviews until November-ish\
  - Rotated featured channel
  - Checked out pins site (but not taken any action yet)
- Todo:
  - ~~Figure out civiorm stuff: frustrating, got stuck on default form requiring info we don't (want to) ask for~~
  - Find good but cheap source for stickers and other small goodies (print shop where we always did this has gone out of business, alas)
  - Need more interviewees (Always need more interviewees!)

## Jouni (“tyyppi”)

- Done
  - Animation cycles: implement more usable UI by combining concepts of “cycles” and “repeats” ([MR157](#))
- Todo
  - Fix issues in clone frames and cycles
  - Investigate how to lock reference images to viewport
  - Fix: manipulation cursors not shown correctly on reference images
  - Fix: artifacts left canvas by reference images (on QPainter)

- Transform mask keyframing

## Ivan Yossi

- Done:
  - 407425 Fix wrong aspect ratio svg Load
  - 342586 Fix Crop tool loose aspect ratio on move
  - 411981 Fix collapsed state not updating: python
  - 408936 Render maxSize tiles for vector repaints
  - Notarized build for macOS
- Doing
  - MR 63 apply filter to completeArea of needed rect.
  - 1px bug (dmtry found error).
  - Clean up list of bug assigned.
- Todo
  -

## Jagholin

- Doing:
  - brush settings docker (for "favorite" brush engine settings)
  - UI mockups for possible rearrangement of brush settings window
- To do:
  - see if its possible for brush settings window to be resizable/undockable

## Tiar (Tymond)

- Updated October 9th
- Done:
  - [https://bugs.kde.org/show\\_bug.cgi?id=412651](https://bugs.kde.org/show_bug.cgi?id=412651) - File overwrite warning can be skipped - in review here: [https://invent.kde.org/kde/krita/merge\\_requests/169](https://invent.kde.org/kde/krita/merge_requests/169)
  - 100% transparency in SDR images look like white on HDR display - [https://bugs.kde.org/show\\_bug.cgi?id=407238](https://bugs.kde.org/show_bug.cgi?id=407238)
- Doing:
  - Messed up presets - eraser, opacity etc. - [https://bugs.kde.org/show\\_bug.cgi?id=389022](https://bugs.kde.org/show_bug.cgi?id=389022)
- To do:
  - freeze when making a filter brush - it creates filter from a wrong color space - [https://bugs.kde.org/show\\_bug.cgi?id=411917](https://bugs.kde.org/show_bug.cgi?id=411917)
  - Fixing alpha in Luminosity/Shine [https://bugs.kde.org/show\\_bug.cgi?id=410516](https://bugs.kde.org/show_bug.cgi?id=410516)

## Sh\_zam

- Done
  - Minor patch for android build on KDE's build factory
  - Updated status report website and submitted the evaluation
- Doing
  - Shortcut to return to rotation (<https://phabricator.kde.org/T11355>)
- Todo
  - Working on <https://phabricator.kde.org/T11355>

## tusooa

- Done
  - Get the node-replace based stroke strategy working
  - [https://invent.kde.org/kde/krita/merge\\_requests/115](https://invent.kde.org/kde/krita/merge_requests/115)
  - Submitted on GSoC website
  - Add benchmark for shallow COW copying of large SVG layers
- Doing
  - [https://invent.kde.org/kde/krita/merge\\_requests/115](https://invent.kde.org/kde/krita/merge_requests/115) resolve bugs
  - Add instructions for Windows build script to krita documentation  
[https://invent.kde.org/websites/docs-krita-org/merge\\_requests/57](https://invent.kde.org/websites/docs-krita-org/merge_requests/57)
- Todo
  - <https://phabricator.kde.org/T10864> (UI enhancement for selection masks) -- seems viable for David Revoy; other people's opinions?
  - !46 -- mixer slider docker -- use display converter for colors on canvas, instead of QColor::fromHsvF()

## Blackbeard

- Done
  - documentation for the project
  - Created new kis\_vectoranimatedbrush class
  - Brush tips now changes with every dab :D !!
- Doing
  - Publish a blog post
  - Fix bugs with the changing of brush tips
  - Add options like Random or Sequence to change of brush tips
  - Clean code and write comments
- Todo
  - Update phabricator
  - Update the kde page for my project

## hellozee

- **Done**
  - Magnetic Lasso bugs fixed
- **Doing**
  - Working on the pinned font combobox wish