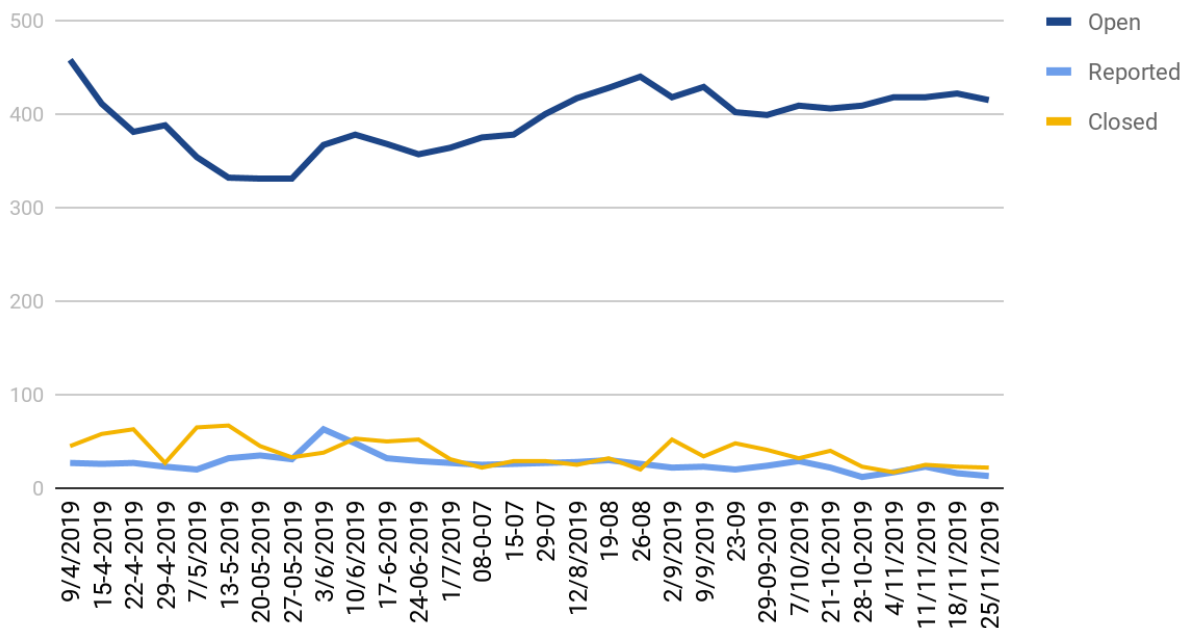


25-11-2019 Meeting Agenda and Notes

Statistics

Bug stats: [415](#) +13 -22 ([422](#) +16 -23):

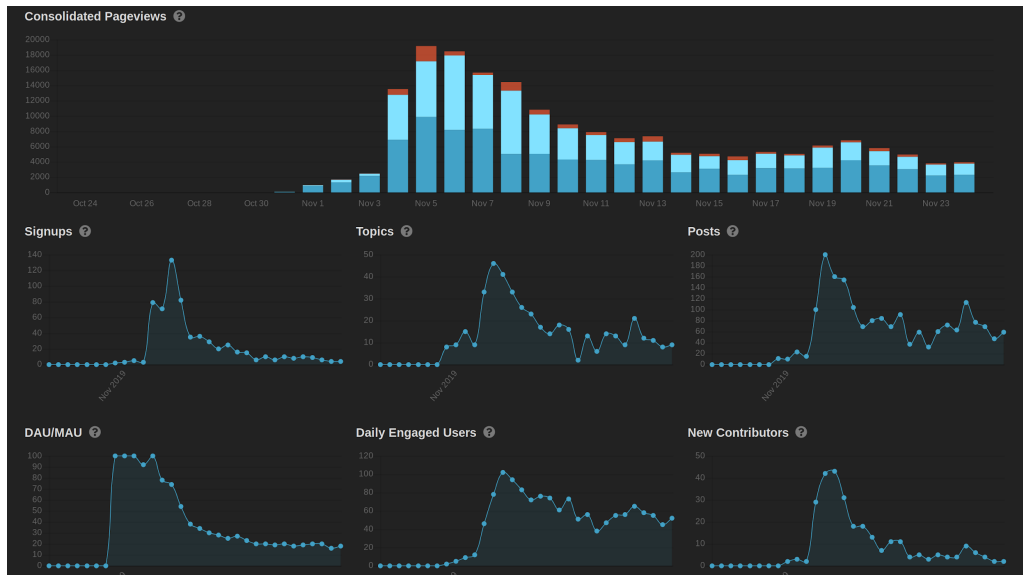
Bugs



Commits in the past week (copied from github):

- Excluding merges, **7 authors** have pushed **23 commits** to master and **78 commits** to all branches. On master, **62 files** have changed and there have been [490 additions and 52 deletions](#).
 - Excluding merges, **7 authors** have pushed **17 commits** to master and **62 commits** to all branches. On master, **77 files** have changed and there have been [453 additions and 301 deletions](#).
- Downloads (downloads.kde.org): **45,339** unique downloads
- Web traffic: **88,492** unique visitors, **262,008** unique page views
- Donations: **1455.14** from **169** people. (last year we also had fewer donations in November)
 - October: **2810.15** from **225** 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.

- Krita-artists.org: **628** people, **628** posts, last week **594** people, **837** posts..



- <https://subredditstats.com/r/krita>

Youtube and video

- Ramon published a video: <https://www.youtube.com/watch?v=Isatf5H3jC4&t=1s>
- I am preparing the record chroma parts for the next video. It will be talking about
- RGBA brushes and that means is a unexplored territory. I have all the script and the slides. In the video i will show some techniques to use them, and how this can be applied in regular masked brushes. also a bit of showcasing would be nice so i am gathering some artworks

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.

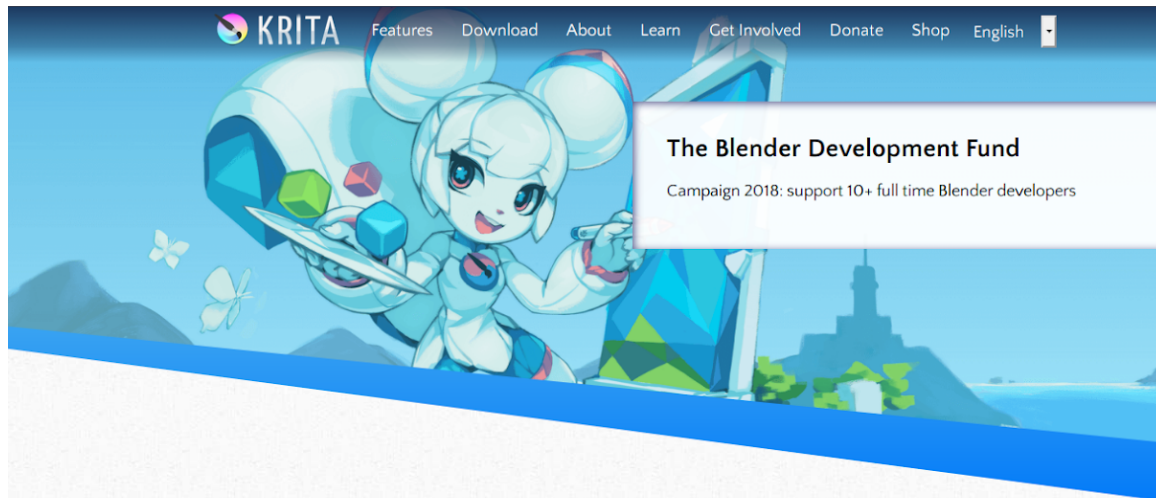
- We can do a project with Ramon to provide tutorials as a reward. This could be beginners tutorial on working with Krita, like Muses.

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>
- 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 sysadmin ticket for this.
- Agata is working on a template for manual pages helping people coming from other applications. The idea is to then let those templates be filled by volunteers from krita-artists.org (unfortunately, she didn't have time or energy or even memory available for the task yet ;))

Website

- Rethink Krita development fund task <https://phabricator.kde.org/T11352>
 - Hellozee roped in Carl Schwan to help with blender id (<https://identity.carlschwan.eu/login>) and the dev fund website (<https://invent.kde.org/carlschwan/krita-dev-fund>)



Home About Grants Login

Join the Development Fund and support the Krita Foundation to work on [Krita development](#).



Corporate Individual10 developers \$ 2k / month

\$0
MONTHLY
CONTRIBUTION

0
INDIVIDUALS

0
CORPORATE

Choose Your Membership

Select Currency US Dollar

LEVEL	BADGE	NAME	LINK	LOGO
BRONZE \$ 5.80 / month				
SILVER \$ 11 / month				
GOLD \$ 29 / month		✓		
PLATINUM \$ 58 / month		✓		
TITANIUM \$ 110 / month		✓	✓	
DIAMOND \$ 290 / month		✓	✓	
CORPORATELearn more.		✓	✓	✓

* Other pricing options available. Displaying your badge, name or company is opt-in. You control it being public or private.

- Hellozee needs scotty to help with branding
- Boud needs to write the equivalent of <https://fund.blender.org/about/>
 - <https://phabricator.kde.org/T11971>
- We need to update the website to send people the krita-artists.org
- We could replace the art gallery with either <https://krita-artists.org/c/artwork//top> or <https://krita-artists.org/tags/featured>

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:

- 4.2.8: November 21st for the beta, 27th release
- 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)~~

Builds

- Ivan is almost done updating all the deps to the most recent versions!
- Once Qt 5.14 is out (which should be this year...) Dmitry will update ext_qt
- 4.2.8 will not be built with updated deps yet

Resources Rewrite Update

- Main task: <https://phabricator.kde.org/T379>
- Bugs and issues sheet: https://docs.google.com/spreadsheets/d/1W_iAS1OiTSpZFC5b8XMZ6yH0DXmGqkABixuQYGd1PD0/edit#gid=0
- Tag task: <https://phabricator.kde.org/T12044>
- Tiar made progress with tagging, boud with document storages, wolthera with the storage selector; we uncovered lots of missing api along the way

Any Other Business

- Season of KDE: hellozee wants to take part, writing an implementation of the "canny" (https://en.wikipedia.org/wiki/Canny_edge_detector) filter for the outline selection tool.
- How about switching to C++17 after releasing 4.3?
 - the "porting" commit doesn't look to be too big :)
<https://invent.kde.org/dkazakov/krita/commit/fd8a4fe28e419d7fbc6ba96d94b40b5aa7a3e785>
 - We need this if we want to use std::simd instead of Vc
 - Needs update:
https://docs.krita.org/en/untranslatable_pages/modern_cpp_in_krita.html
- User Support/Manual: we should really do something about resetting the configuration; Tusooa noticed that telling people to trash their configuration is a bad idea. On the other hand, me (tiar) has often way too much trouble explaining how to do it to bother trying to explain that renaming or moving files would work as well and that way they would have a backup.
 - Quick fixup: a lot of screenshots?
 - Proper solution: buttons in Krita to do it... users need GUI :)
 - I'd like to have at least a clear vision of what we can do about it
 - The solution should include hacking KSharedConfig (reset functionality)
 - There is existing code: void KisApplication::clearConfig()
 - A bug or phabricator item should be reported

•

Any Other Announcements

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

- Following a lot of discussions (see <https://phabricator.kde.org/T11969>), we are going to implement our own KisForest implementation.
- My (tiar's) genius post "please help us" didn't work.
 - Got one "thank you" note and one offer of help from someone who don't code and don't know Krita ;)
 - Gonna make another one, asking people on krita-artists for advice on what to do to get more
 - Maybe post this on krita.org

Achievements of the Week

- Tags are both showing *and* you can filter by them! // tiar
- You can also toggle bundles now. But they don't update dynamically... //wolthera

Doing/Done/ToDo

Dmitry:

- Todo
 - WIP: implementing our own KisForest container (basically a tree-like container with various iterators)
 - It is needed to fix bug: https://bugs.kde.org/show_bug.cgi?id=392242
 - It will also be nice for: <https://phabricator.kde.org/T11969>
 - Make AVX512 optimized testing packages of Krita
 - Bugs?
 - Implement automated container builds for merge requests
 - 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
 - Blockers
 - asan crashes from Wolthera
- Done:
 - BUG:408152 Fix transforming layers that have Onion Skins enabled
 - BUG:407251 Fix color space of onion skins cache device
 - BUG:414092 Fix synchronization of sliders in Performance tab in the Settings
 - BUG:412808 Fix undo of replacing vector selection
 - BUG:410163 Fix outline in Move Tool, when a layer has a Transform Mask
 - BUG:412361 Fix crash when moving a layer under a transformation mask

Wolthera:

- Done:
 - Worked on the bundle chooser.
 - Discussed what is necessary for bundles with boud.
 - Worked on the 4.2.8 survey...
- 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
 - Started working on branch to reduce the size of the configure window
 - Working on a patch for a new checkbox widget that has word wrapping to help with making our UIs more flexible/smaller

Boud:

- Done
 - Been mostly sick, helped Wolthera and Agata with resource stuff.
 - Did the beta release
- Doing
 - storing resources in documents, missing KoResourceServer API
- Todo
 - Figure out how to deactivate tags that come from a specific resource
 - Fix md5sums for resources
 - Release 4.2.8
 - Fundraiser planning
 - Another Coverity build

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
 - Mailed several potential interviewees from backlog
 - 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:
 - MR 53 Fix weird offset in 1px brush (in revision)
 - 413241 Native dialog fix for catalina
 - 413922 Crash upon closing a fill layer (if color chooser still open)
 - 409044 Fixed regression, export settings are now remembered
- Doing
 - Dependencies update.
 - 413009 Event filter delay (big refactor)
 - MR 63 apply filter to completeArea of needed rect.
 - 410959 macOS popup on fullScreen and multiple screens
- Todo
 -

Tiar

- Updated November 25th
- Done:
 - ABR Storage class
 - ASL storage class
 - Tagging: tags chooser uses the tags model, the combobox
- Doing:
 - Resource tagging: <https://phabricator.kde.org/T12044>
 - Going through adding and removing tags and tags from resources call paths and checking why they don't work ;) At some point Nanana tag was added! Hard to tell when, since in the newest code it actually crashes and in the previous states of code it didn't do anything...
- To do:
 - Change UI in tags adding/removing from whatever it is now to a one list with checkboxes
 - KisTagModel::allTags() should be refactored out, every time I need all tags, I need to reiterate over the model
 - Find all places where any tag chooser or tagging manager is being used in *GUI* and make all the same tests
 - Layer styles loading/saving in PSD, KRA, ASL files
 - Resources tagging
 - Resources versioning

Sh_zam

- Done
 - Minor patch for android build on KDE's build factory
- Doing
 - F-Droid integration
- Todo
 - Working on <https://phabricator.kde.org/T11355>

tusooa

- Done
- Doing
 - https://invent.kde.org/kde/krita/merge_requests/115 resolve bugs
- 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()

hellozee

- **Done**
 - Doing text rendering tests with harfbuzz and libraqm
- **Doing**
 - Reading the book “SVG Text Layout”
 - Almost completed this weeks dev update

Raghu

- **Done**
 - Setting up discourse
- **Doing**
 - Take care of niggles and maintain discourse.
 - Figure out a way to add donate to krita button on the header.
 - Prepare badges for kde identity