

29-07-2018 Meeting Agenda and Notes

Statistics

Bug stats: 400 + 27, -29 (378 +26 -29) Graph: <https://pasteboard.co/Iqch1Oy.png>
(pasteboard.co sucks, it doesn't work with firefox)

- Commits in the past week (copied from github):
 - Excluding merges, **11 authors** have pushed **39 commits** to master and **64 commits** to all branches. On master, **49 files** have changed and there have been **829 additions** and **277 deletions**.
 - Two weeks ago: Excluding merges, **10 authors** have pushed **51 commits** to master and **131 commits** to all branches. On master, **143 files** have changed and there have been **2,118 additions** and **868 deletions**.
- Downloads (downloads.kde.org): **54271** unique downloads
- Web traffic: **83085** unique visitors, **254757** unique page views
- Donations: **2023,06** from **175** people. June: **2763,96** from **231** people May: **€2768,00** from **231** people.

Sprint^KritaCon

- 6 - 9 August
- <https://community.kde.org/Krita/Sprint2019>
- KDE e.V. has okayed the budget and opened an event on <https://reimbursements.kde.org/>

Summer of Code

- Checklist:
 - Tusooa: <https://phabricator.kde.org/T10901> a
 - Fixed a crash that came through porting to strokes: see <https://tusooa.github.io/2019/07/26/Strokes-are-Working-Now/>
 - Now the rest of the porting and the removing of commands is to be done
 - Sh-zam: <https://phabricator.kde.org/T10784>
 - tried to make menus work on arch64 builds, and made the rotation gesture optional
 - Qt people have started working on the arm64 menu bug
 - UI stuff is next
 - hellozee: <https://phabricator.kde.org/T10894>
 - (Not around?) Theoretically done, there are still crashes and the algorithm doesn't always do what it should
 - Blackbeard: <https://phabricator.kde.org/T10930>
 - (Not around?)

Bugs we need to talk about

- ~~https://bugs.kde.org/show_bug.cgi?id=409968 — safe assert in the input manager~~

Youtube and video

- First video will be ready in August. It is very long, at 40+ minutes: this is for the kick-off

- Irina is editing the subtitles. (Dutch translation possible but probably not required)

Fundraiser

- <https://phabricator.kde.org/T10283>
- September/October, 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/>
- 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>
- Tusooa brings up the question whether we should translate the build guides, and that there is no build guide for windows (and macos) in the manual
 - Tusooa can draft a manual page for building with re-used deps

Website

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CiviCRM

- Needs to be in good shape before the fundraiser.

Release

- 4.2.3: On tuesday, with the windows opengl fixes
 - 4.2.4 August 1st
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- 4.3.0
 - September/October

Builds

- Updated to the latest Frameworks versions. ~~For some reason, the 32 bits Windows dependency build now fails, but not on Frameworks, but Qt.~~
- Rebased nightly flatpak builds

Any Other Business

- Nuremberg Sprint: <https://valdyas.org/fading/kde/kde-onboarding-sprint-report/>
- Could we get Krita in the Apple Store? Yes, after krita gets notarized, but is Krita on macOS good enough for that?ti

Doing/Done/ToDo

- **Dmitry:**

- Todo:
 - Fix recursive crash in KisShortcutsMatcher: https://bugs.kde.org/show_bug.cgi?id=409275
 - Tried to fix it by witing in KisShortcutMatcher itself --- FAILED
 - Decided to make Transform Tool and Move Tool asynchronous (which was always planned), but it takes a lot of time
 - [DONE] Make Move Tool asynchronous
 - [INPROGRESS] Make Transform Tool asynchronous
 - [TODO] Make selection tools asynchronous (they also use blockUntilOperationsFinished)
 - [TODO] Fix the same bug in the text tool
 - 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&email1=dimula73%40gmail.com&emailassigned_to1=1&emailtype1=substring&list_id=1606933&product=krita&query_format=advanced
 - [blockers](#)
 - [asan crashes from Wolthera](#)
 - Done:
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- **Wolthera:**
 - Done:
 - Busy with RL stuff.
 - 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.
 - Should mirror youtube vids onto peertube.
- **Scott:**
 - Done:
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 - Doing:
 - Working on a patch for some opacity animation stuff. In review.
- **Boud:**
 - Done
 - KDE sprint in Magdeburg
 - Flatpak
 - Bug fixing and bug triaging
 - Implemented support for temporary resources, started work on on updating resources
 - Working on

- Bug triaging and fixing
 - Resource rewrite
- 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 mid-September
 - Cycled youtube featured channel
 - Todo:
 - Figure out civicrm stuff: frustrating, got stuck on default form requiring info we don't (want to) ask for
 - Need more interviewees (Always need more interviewees!)
- **Jouni ("tyyppi")**
 - Doing
 - Animation cycles:
 - Testing and fixing validation logic
 - Remaining UI actions
 - Todo
 - 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:
 - Filter wave cut off on high amplitudes bug 409564: needs more changes
 - bug 388394 Bristle rotation, accepted
 - Ctrl and outline https://bugs.kde.org/show_bug.cgi?id=376007 merged
 - Crash closing krita after deleting session [gdb backtrace] 409909
 - Krita takes up all the memory when opening a very certain jpg file 410242
 - Doing
 - Guide bug: https://bugs.kde.org/show_bug.cgi?id=397558
 - Selection improvements on polyline (WIP) <https://invent.kde.org/ivany/krita/commit/0589b504923aceaf9a023b549e7fb7f9759305f>
 - Fixing Soft sensor not working. (fixing on gauss)
 - Implement needed changes on MR: 82, 74, 71, 64, 53
 - Start work on notarized build for macOS
 - Todo

- fix bug 408744: Inner shadow layer style broken
- **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 24th June)
 - Done:
 - "Layers"->"Transform All Layers"->"Mirror All Layers Horizontally" - https://www.reddit.com/r/krita/comments/c62xlp/krita_422_released/et9ofch?utm_source=share&utm_medium=web2x
 - Crash after a drag'n'drop of a group of layers from one subwindows to another - https://bugs.kde.org/show_bug.cgi?id=408019
 - crash in Overview docker - <https://pastebin.com/FKKr9Y82>
 - Doing:
 - cleaning code for Lighten (SAI) and figuring out how it should work with semi-transparent background and locked alpha
 - List of things to write in the user support recruitment
 - To do:
 - Color profile crash because of CMYK being immune to my smart switching
 - Failing tests for transform tool
 - disappearing content with Move Tool after locking and unlocking transparency https://bugs.kde.org/show_bug.cgi?id=402770
 - Some curves are unnecessarily restored from the previous preset after resizing the brush https://bugs.kde.org/show_bug.cgi?id=353481
 - Failed saving still saved to Recent Documents
 - Remove the spriter impex plugin
 - (check) warning if there is not enough room for the new file when saving - https://bugs.kde.org/show_bug.cgi?id=364350
 - warning if autosave fails for some reason - https://bugs.kde.org/show_bug.cgi?id=393112
- **CandyAngel**
 - (C) 2019-04-29 set up +krita compilation
 - (C) 2019-04-29 write test plugin +krita
 - (D) 2019-04-29 bind spacenav dial to canvas transformation +krita
 - (D) 2019-04-29 write spacenavigator (spacenav) plugin with dial support +krita
 - (F) 2019-04-29 add button support to spacenav plugin +krita
 - (F) 2019-04-29 bind space buttons to tool switching/target switching? +krita
 - (M) 2019-04-29 add support for LCD (transform information?) +krita
- **Sh_zam**
 - Done
 - Add `KisZoomAndRotateAction` to `kritadefault.profile`
 - Make touch rotation optional
 - Worked on aarch64 builds and tested qtcreator 4.10
 - Fixed crash when canvas was zoomed/rotated
 - Doing
 - UI
- **Todo**

- ~~Debugging the common crash <https://hastebin.com/ecacahegeg.bash>~~
- ~~Investigate libqtforandroid.so crash (qt forum post: <https://forum.qt.io/topic/104424/how-does-one-debug-libqtforandroid>)~~
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- **tusooa**
- Done
 - Get the node-replace based stroke strategy working
- Doing
 - Port more strategies and tools to stroke system
- Todo
 - <https://phabricator.kde.org/T10864> (UI enhancement for selection masks) -- seems viable for David Revoy; other people's opinions?
 - [Probably should really do it] Add instructions for [Windows build script](#) to krita documentation (questionable) -- Dmitry tested it, with some problems-- CMAKE_SH and symlinks
 - Add benchmark for shallow COW copying of large SVG layers•••••
 - !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
 - ~~Initial UI work~~
- Doing
 - Debugging the cases where the algorithm fails to get an edge
 - Fixing the checkpoints procedure