**12-08-2019 Meeting Agenda and Notes**

**Statistics**
Bug stats: 418 +29 -25 (400 + 27, -29) Graph: https://krita.org/wp-content/uploads/2019/08/bugs-2019-08-12.png

- Commits in the past week (copied from github):
    - Excluding merges, **11 authors** have pushed **15 commits** to master and **27 commits** to all branches. On master, **26 files** have changed and there have been **1,156 additions** and **884 deletions**.
    - Two weeks ago: 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**.
- Downloads (downloads.kde.org): **562**78 unique downloads
- Web traffic: 86821 unique visitors, **2**67156 unique page views
- Donations: **1901,18** from **86** people. July: **2321** from **199** people, June: **2763,96** from **231** people May: **€2768,00** from **231** people.

**Sprint^WKritaCon**

- Please submit your reimbursement requests
- Reports: https://krita.org/en/item/krita-2019-sprint/, https://www.davidrevoy.com/article727/sketchbook-during-krita-sprint-2019, https://www.hellozee.dev/krita_sprint_2019/ -- please blog

**Summer of Code**
**19th is pencils down!**

- Checklist:
    - Tusooa: https://phabricator.kde.org/T10901
        -
    - Sh-zam: https://phabricator.kde.org/T10784
        -
    - hellozee: https://phabricator.kde.org/T10894
        -
    - Blackbeard: https://phabricator.kde.org/T10930
        -

**Bugs we need to talk about**

- ???

**Youtube and video**

- Second video is in production. The videos seem to have stimulated sales of Digital Atelier quite some:.
- Ramon is on holiday, so the second video won't be done until september.

**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 has drafted a manual page for building with re-used deps

**Website**

-

**CiviCRM**

- Needs to be in good shape before the fundraiser. (Is this still valid???)

**Release**

- 4.2.5: a regression fix release
- 4.2.6: August 31st, Merge window ends August 15, please backport your fixes yourself
- 4.3.0
    - September/October

**Builds**

- Updated to the latest g'mic

**Any Other Business**

- Note about commit messages: the subject should specify what the commit fixes, the body what has happened to the code
- Wolthera has access to survey.kde.org
- We need to check about what happens if Sharaf doesn't have access to internet before gsoc ends

**Doing/Done/Todo**

- **Dmitry:**
    - Todo:
        -
            - 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:
        - 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
                - [DONE] Make Transform Tool asynchronous
                - [DONE] Make selection tools asynchronous (they also use blockUntilOperationsFinished)
                - [DONE] Fix the same bug in the text tool
- **Wolthera:**
    - Done:
        - Sprint
        - Had done some work in regards to pressure callibration: https://invent.kde.org/kde/krita/merge_requests/104
        - Made notes during the second half of the big meeting.
        - Did all sorts of boring admin stuff, like adding release entries to the krita calender, and helping with the sprint notes.
        - Got access to survey.kde.org.
        - Got backtrace for weird input-hang.
    - 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:
        - 

    - Doing:
        - Started working on some ideas for a refreshed startup screen after all the feedback at the sprint
        - Add analytics tracking for all the startup screen links so we know how much traffic it is bringing in
        - Figure out way to parse krita.org news for new release versions. Then give notification on startup screen
        - Need to try to look at the animation frame cache and why it is acting odd with opacity frames
- **Boud:**
    - Doing

- Adding an entry about crashes to the faq
- Making the detached canvas work again
- Bug fixing and bug triaging
- Adding a link to surveys to the welcome screen
  - Done
    - Sprint
  - 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:
      - Impelement UI
  - 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:
    - Fix Bug on macOs that mixed pan,zoom,rotate BUG:410698
    - Sprint
    - Long mentoring of gsoc mentoree
  - Doing
    - Implement even more needed changes on MR: 82, 74, 71, 64, 53
    - Selection improvements on polyline (WIP) https://invent.kde.org/ivany/krita/commit/0589b504923aceaf9a023b549e7bfb7f9759305f
    - Fixing Soft sensor not working. (fixing on gauss)
    - Guide bug: https://bugs.kde.org/show_bug.cgi?id=397558
    - 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)~~
- 

- **tusooa**
- Done
  - Get the node-replace based stroke strategy working
- Doing
  - Port more strategies and tools to stroke system
  - Add instructions for Windows build script to krita documentation (questionable)
- 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