

## 15-07-2018 Meeting Agenda and Notes

### Statistics

Bug stats: 378 +26 -29 (375 +25 -22)

- Commits in the past week (copied from github):
  - 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**.
  - Last week: Excluding merges, **9 authors** have pushed **28 commits** to master and **51 commits** to all branches. On master, **91 files** have changed and there have been **1,583 additions** and **1,327 deletions**. (*this excludes work done in forks, like gsoc work*)
- Downloads (downloads.kde.org): **44218** unique downloads
- Web traffic: **83131** unique visitors, **257034** unique page views
- Donations: **1078,81** from **89** people. June: **2763,96** from **231** people May: **€2768,00** from **231** people.

### Bugs we need to talk about

- KDE bug 409460 in krita (OpenGL Canvas) "Canvas pan & zoom frame 'spacing' inconsistent" [normal,] [https://bugs.kde.org/show\\_bug.cgi?id=409460](https://bugs.kde.org/show_bug.cgi?id=409460) (dmitry)
  - The main issue is fixed, but there are still some issues when zooming with ctrl-space-drag

### Sprint^WKritaCon

- 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>
    - Working on replacing undo commands with changes
  - Sh-zam: <https://phabricator.kde.org/T10784>
    - Fixed the startup crash and the libqtforandroid crash (through a workaround: the problem is with KisFloatingMessage)
  - hellozee: <https://phabricator.kde.org/T10894>
    - Working on the Algorithm and CheckPoint Procedure, but is confused now and needs to discuss this with Dmitry
  - Blackbeard: <https://phabricator.kde.org/T10930>
    - Has the new brush working, but needs to push his commits

### Youtube and video

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### 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>
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### Website

- Nothing new

### 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
- 4.3.0
  - September/October

### Builds

- No news: we won't update to Qt 5.13 for now

### Any Other Business

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### Doing/Done/ToDo

- **Dmitry:**
  - Todo:
    - Check hellozee's branch in main repo again: [kuntalmajumder/T10894-magnetic-lasso-2](https://phabricator.kde.org/T10894-magnetic-lasso-2)
    - 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%](https://bugs.kde.org/buglist.cgi?bug_status=UNCONFIRMED&bug_status=CONFIRMED&bug_status=ASSIGNED&bug_status=REOPENED&email1=dimula73%25)

[40gmail.com&emailassigned\\_to1=1&emailtype1=substring&list\\_id=1606933&product=krita&query\\_format=advanced](https://bugs.kde.org/show_bug.cgi?id=408872)

- [blockers](https://bugs.kde.org/show_bug.cgi?id=408872)
- [asan crashes from Wolthera](https://bugs.kde.org/show_bug.cgi?id=409460)
- Done:
  - Fixed crash on OpenGL 2.1 bug: [https://bugs.kde.org/show\\_bug.cgi?id=408872](https://bugs.kde.org/show_bug.cgi?id=408872)
  - Fixed non-60-fps-when-pan bug: [https://bugs.kde.org/show\\_bug.cgi?id=409460](https://bugs.kde.org/show_bug.cgi?id=409460)
    - I have fixed its pan and rotate parts. Zooming is still slow, but the reason is different from the rest of the actions
- **Wolthera:**
  - Done:
    - Did a crash fix :3
  - 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:
    - Did a small update to fix the paypal subscription amounts on krita.org for all languages
  - Doing:
    - Working on a patch for some opacity animation stuff. Need to figure out how to get opacity keyframes working with the animation cache without screen flickering
- **Boud:**
  - Done
    - Bug fixing and bug triaging
    - Implemented support for temporary resources, started work 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-August, if all prospects send something in I have interviews until mid-September
    - Cycled youtube featured channel
  - Todo:
    - Schedule interview for next Monday when we're in Nuernberg
    - 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:
    - Ctrl and outline [https://bugs.kde.org/show\\_bug.cgi?id=376007](https://bugs.kde.org/show_bug.cgi?id=376007) merged
    - removed *Fix GMIC on osx* from ToDo (gmic project 'might' be implementing it)
    - performance on OpenGL linked to "FullScreen" state
    - Vanishing point assistant rays should hide [https://bugs.kde.org/show\\_bug.cgi?id=396158](https://bugs.kde.org/show_bug.cgi?id=396158)
    - Filter wave cut off on high amplitudes bug 409564: needs changes
    - bug 388394 Bristle rotation, needs Revision.
  - Doing
    - Guide bug: [https://bugs.kde.org/show\\_bug.cgi?id=397558](https://bugs.kde.org/show_bug.cgi?id=397558)
    - Ctrl and outline [https://bugs.kde.org/show\\_bug.cgi?id=376007](https://bugs.kde.org/show_bug.cgi?id=376007) inRevision
    - Selection improvements on polyline (WIP) <https://invent.kde.org/ivany/krita/commit/0589b504923aceaf9a023b549e7bfb7f9759305f>
    - Fixing Soft sensor not working. (Fixed in default, patch needs to work on gauss)
    - Working on fix bug 408744: Inner shadow layer style broken
    - Start work on notarized build for macOS
  - Todo
    - Divide Commit for soft sensor (Gauss modifier implementation will need revision, but default fix does not).
- 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](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](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](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](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](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](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
    - Fixed startup crash
    - Published a blog post
  - Doing
    - workaround for `libqtforandroid.so` crash
  - 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>)~~
    - Add `KisZoomAndRotateAction` to `kritadefault.profile` (?)
- **tusooa**
  - Done
    - Removed connectionTool
    - Added non-command-based operations to KoShapeController
  - Doing
    - Undo commands for editing vector layers
    - Read strokes documentation
  - Todo

- <https://phabricator.kde.org/T10864> (UI enhancement for selection masks) -- seems viable for David Revoy; other people's opinions?
- 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()
- Port flake tools to the stroke system
- **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