**17-06-2018 Meeting Agenda and Notes**

**Statistics**

Bug stats: 368 +32  -50 (378 +68 -42)

- Bug graph: https://i.imgur.com/6poWh0Q.png  or here https://pasteboard.co/IjPmwJP.png

Commits in the past week (copied from github):

- Excluding merges, **15 authors** have pushed **42 commits** to master and  **93 commits** to all branches.  On master, **109 files** have changed and there have been **4,530 additions** and **907 deletions**.
- Last week: Excluding merges, 7 authors have pushed 34 commits to master and 47 commits to all branches. On master, 172 files have changed and there have been 719 additions and 17,887 deletions.

Downloads (downloads.kde.org): 50,345 unique downloads

Web traffic: 118,884 unique visitors, 289,915 unique page views

Donations: 1786,96 from 143 people. Two weeks ago:  413 from 36 people. May: €2768,00 from 231 people.

**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
        - Almost done with snapshot docker https://invent.kde.org/tusooaw/krita/tree/tusooaw/T10991-snapshot-docker
        - https://tusooa.github.io/2019/06/16/New-Style-Signal-Slot-Connection/
        - mixer slider docker https://invent.kde.org/kde/krita/merge_requests/46
    - Sh-zam: https://phabricator.kde.org/T10784
        - refactored the build system: boud should STILL test this
        - Fixed the OpenGL canvas
        - Working saving the document when Android pauses Krita
    - hellozee: https://phabricator.kde.org/T10894
        - Finishing the algorithm
    - Blackbeard: https://phabricator.kde.org/T10930
        - Code: https://invent.kde.org/albertofl/krita/commits/blackbeard/T10930-load-avb

**Youtube and video**

- Ramon is recording the chroma parts. He is also preparing a presentation at ESLibre in Granada. The script for the first video is done.

**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
- Boud fixed the latvian breakage

**Website**

- Need to update the min spec for macOS to 10.12

**CiviCRM**

- Needs to be in good shape before the fundraiser.

**Ask Site**

- Has been removed. Evaluation?
- Tiar is writing a how-to-help-people page: https://invent.kde.org/websites/docs-krita-org/merge_requests/43
  - Boud will review this

**Release**

- 4.2.2
  - Release on the 27th
  - We have one week left to fix lotsa bugs
- 4.3.0
  - September/October

**Builds**

- Updated to Qt 5.12.3 on all platforms
- We need to update to 5.12.4 now... Dmitry will rebase/check patches

**Any Other Business**

- Push more often! Don't keep features developed in a local branch where nobody can see what you're doing.

**Doing/Done/Todo**

- Dmitry:
  - Todo:
    - Docker version of Krita doesn't start now :(
    - Benchmark new hash table on 8+8 cores system and compare results to the old one. Preliminary results on 4+4 system are mixed.

- 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:
  - Had a headache again so I didn't have much succes
- Wolthera:
  - Done:
    - Didn't do much: too occupied with school/thesis atm.
    - Was at the libre graphics meeting.
  - Needs to do:
    - Work on translatable images: https://phabricator.kde.org/T10805
    - 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:
    - Update website to have OSX have a minimum of 10.12
- Boud:
  - Done
    - Bug fixing and bug triaging
    - Testing the Android build
    - Released 4.2.1
  - Working on
    - Bug triaging and fixing
    - Resource rewrite (on hold until after 4.2.2)
  - Todo
    - Fundraiser planning
    - release russian DA
- 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:
    - Scheduled interviews until early July, if all prospects send something in I have interviews until early September
    - Got access to the YouTube channel to cycle featured channels every other Monday (in non-interview weeks)
  - 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:
    - Fixed Gih, GBR export bugs
    - Finished patch for Gih multidim import/ export
    - Other minor bugs
    - Made a second Shift+Click bug impl. just a minor detail remains https://bugs.kde.org/show_bug.cgi?id=376086
  - Doing
    - Undo Bug: https://bugs.kde.org/show_bug.cgi?id=402263
    - Starting on other rendering bugs
    - General Bug fixing
  - Todo
    - Guide bug: https://bugs.kde.org/show_bug.cgi?id=397558
    - Fix GMIC on osx
- Eliakin Costa
  - Doing:
    - Write documentation to implement Actions, Widgets and Buttons at Scripter
    - Code Completion(keywords, scope variables and libkis API)
    - new Toolbar.
  - Done:
    - Scripter System Watcher
    - Refactoring at the Editor Code and Action ToolBar to make easier to add new buttons and features
- 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 17th June)
  - Done:
    - regression: disappearing content in some cases in the transform tool https://bugs.kde.org/show_bug.cgi?id=408182
    - safe assert in tiff converter https://bugs.kde.org/show_bug.cgi?id=408246
    - conversion to the closest supported colorspace in tiff export
    - new tests for tiff export
    - 0 clones in animation bug fix
  - Doing:
    - Artifacts on 32bit images - https://bugs.kde.org/show_bug.cgi?id=404133
    - cleaning up and pushing to master tiff support
    -
  - To do:
    - 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
    - Why Krita doesn't save images for some people
- 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
    - Black canvas when enabling OpenGL
  - Doing
    - Save state in android, to prevent data loss(almost done, but there is still a bug)
  - Todo
    - Debugging the common crash https://hastebin.com/ecacahegeg.bash (cannot reproduce again)
- tusooa
  - Done
    - Almost done with snapshot docker https://invent.kde.org/tusooaw/krita/tree/tusooaw/T10991-snapshot-docker
    - https://tusooa.github.io/2019/06/16/New-Style-Signal-Slot-Connection/
    - mixer slider docker https://invent.kde.org/kde/krita/merge_requests/46
  - Doing

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  - Todo
    - implicit sharing for KoShapePrivate members
    - 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
- Blackbeard
  - Done
    - documentation for the project
    - blog post
    - Created new kis_vectoranimatedbrush class
  - Doing
    - Implement state for the KoShapePainter to only have one image at a time
    - Clean KoShapePainter of older images
    - Set proper dimensions for QImage
  - Todo
    - next blog post
    - Meeting with Ivan Yossi
    - Write phabricator task for the project
- hellozee
  - Done
    - ~~Reuse the already written Laplacian of Gaussian~~
    - ~~Write the heuristic function for astar search~~
    - ~~working on the wrapper for using KisPaintDevice as boost::graph~~
    - ~~complete the algorithm~~
  - Doing
    - Finishing the algorithm
    - have to take a look at the edge cases, i guess