

08-04-2018 Meeting Agenda and Notes

Statistics

Bug stats: [458](#), +27, -45 ([474](#), [+21](#), [-27](#))

Commits in the past week (copied from github):

- Excluding merges, 8 authors have pushed 45 commits to master and 46 commits to all branches. On master, 69 files have changed and there have been [1,378 additions and 493 deletions](#).
- **Last week:** Excluding merges, 7 authors have pushed 34 commits to master and 36 commits to all branches. On master, 47 files have changed and there have been [1,046 additions and 438 deletions](#).

Downloads (downloads.kde.org): **41,969** unique downloads

Web traffic: **79,601** unique visitors, **243,838** unique page views

Donations: April: **€731,00** from **50** people. March was: **€2,364** from **183** people.

Bugs

- We've found Qt regressions, regressions in GCC... But we're making progress in getting the number of open bugs down.

Sprint

- 6 - 9 August
- Add yourself to <https://community.kde.org/Krita/Sprint2019> -- I need to reserve accommodation.

Summer of Code

- We need mentors!
- **April 9 is the deadline:** mark your proposals as final TODAY.
- Students need to make sure they have submitted proof of enrolment
- Mentors should meet on irc tomorrow 14:00 CEST to discuss the proposals and rank them.

Youtube

- We also should do something sensible with our youtube channel, like posting the older tutorial videos and making it more active
 - Tiar can help with the channel
 - We can re-use some older training dvd's, like Secrets, that don't sell anymore

- But we also need new videos regularly, Tiar cannot do that, but Ramon can.
Maybe two a month? Boud and Ramon will figure out a plan
- Boud will try to get KDE e.V. to fund this project out of the handshake.org money
- But we can get started in any case
- We've gone over 1K subscribers, so now we have a community tab which allows us to post small messages and pictures to the channel.
- Tiar suggests we need to improve the main page.
- Ramon wants to make use of SEO/Semantic titles to improve the page rank of all Krita foundation related social media.
- ~~Boud needs to give management access to RamonM. And Tiar.~~
- https://drive.google.com/drive/folders/1P_RnKQLjq3ntXBuNjeKaZ4wq3Ahcw9eM?usp=s_haring

32-bit image Windows bugs (Dmitry)

- https://bugs.kde.org/show_bug.cgi?id=406209
- <https://github.com/VcDevel/Vc/issues/241>
- Updating to Mingw 8.1.0 or Vc 1.4.1 does not help: the crash still occurs
- This seems to be regression compared to 4.1.

Qt's tablet bugs (Dmitry)

- Still needed for Qt's tablet support on windows:
 - Custom work area (the resolution choice dialog) If this is needed, then it must become a tab in the tablet settings page.
 - Support for buttons

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>
- Wolthera has been porting pages from the community.kde.org to the contributors' manual. These pages need some review:
 - https://docs.krita.org/en/untranslatable_pages/intro_hacking_krita.html
 - https://docs.krita.org/en/untranslatable_pages/modern_cpp_in_krita.html
 - https://docs.krita.org/en/untranslatable_pages/optimizing_tips_for_krita.html
- Raghukamath is working on a basic concepts page

Website

- Nothing new here

CiviCRM

- Needs to be in good shape before the fundraiser.

Release

- 4.2.0
 - **May**. Feature freeze in April.
 - <https://krita.org/en/krita-4-2-release-notes/>
 - Regressions:
https://bugs.kde.org/buglist.cgi?bug_status=UNCONFIRMED&bug_status=CONFIRMED&bug_status=ASSIGNED&bug_status=REOPENED&keywords=regression%2C%20&keywords_type=allwords&list_id=1542106&product=krita&query_for_mat=advanced
 - Needs the resource rewrite (unlikely to make it...)
 - Will include HDR
- 4.3.0
 - September/October

Builds

- We need to add openssl to the binary builds we are making.
 - Ivan Yossi has a working macOS build with openSSL enabled: <https://phabricator.kde.org/D15585> (and python, and excellently working scripts)

- We might still need to pre-compile the python code in the bundle. Or put it in another location inside the bundle
- April 2: Ivan has all bugs fixed in the scripts themselves. OCIO and VC don't want to build. Patches sent in. Needs some help from dmitry.
- ~~We also need to check all other deps and update them if necessary :-)~~
- ~~Openssl: Windragon's going to look if openssl can be added to the build scripts, if that fails we'll use a pre-build one.~~

Any Other Business

-

Doing/Done/ToDo

- **Dmitry:**
 - ToDo:
 - <https://github.com/VcDevel/Vc/issues/241>
 - Benchmark new hash table on 8+8 cores system and compare results to the old one. Preliminary results on 4+4 system are mixed.
 - DMITRY NEEDS BUGS!!!! :)
 - 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_for_mat=advanced
 - [blockers](#)
 - [asan crashes from Wolthera](#)
 - Done:
 - Fixed a lot of bugs :)
 - Implemented a switch for tablet API in Qt: <https://codereview.qt-project.org/#/c/258067/>
 - Fixed Reversed BGRA colors when rendering QPainter over an OpenGL widget: <https://codereview.qt-project.org/#/c/258193/>
 - Tried to fix mysterious AVX-related crashes in 32f-colorspaces on Windows: <https://github.com/VcDevel/Vc/issues/241>
- **Wolthera:**
 - Done:
 - Manual fixes review.
 - Ported several pages from the community wiki to the contributor's guide.
 - Fixed some error messages.
 - Made minor build fixes: <https://phabricator.kde.org/D20271>

- Needs to do:
 - Make a colorspace infoobject so we can get info like filenames, data bytearray, etc for the palette export scripts
 - Extend resource python api
 - Work on contributors guide.
 - Work on lag page.
 - Fix patch for openraster vector support: <https://phabricator.kde.org/D9228>
 - <https://phabricator.kde.org/D9877> (needs review)
- **Scott:**
 - **Done:**
 - Some bug triaging
 - Organized the release notes page for 4.2 a bit better and clean it up a bit
 - **Doing:**
 - Maybe look into some bugs to fix
- **Boud:**
 - **Done**
 - Bug triaging and fixing
 - **Working on**
 - Resource rewrite
 - **Todo**
 - Fundraiser planning, Sprint planning
- **Windragon**
 - (Todo) See what's the best option in including openssl in the windows build
 - (Doing) Looking at fixing some issues when using fractional DPI scaling
 - (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 the end of April.
 - Todo:
 - Fundraiser planning
 - Figure out civicrm stuff: frustrating, got stuck on default form requiring info we don't (want to) ask for
 - Set up thank-you mail for campaign donors

- 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**
 - **Phabricator:** <https://phabricator.kde.org/T8580>
 - **Done**
 - Integrate openssl, Python.Framework and HEIF to build scripts on macOS
 - Create simple .dmg deployment tool
 - Testing: <https://phabricator.kde.org/D20009>, <https://phabricator.kde.org/D20141>,
 - **Doing**
 - Looking at proposals for gsoc
 - Shift click bug: https://bugs.kde.org/show_bug.cgi?id=376086
 - **Todo**
 - Fix https://bugs.kde.org/show_bug.cgi?id=368587
 - Fix https://bugs.kde.org/show_bug.cgi?id=397558
 - Guide bug: https://bugs.kde.org/show_bug.cgi?id=397558
 - Fix GMIC on osx
 - improve predefined mask performance
- **Eliakin Costa**
 - **Doing:**
 - Write documentation to implement Actions, Widgets and Buttons at Scripiter
 - Code Completion(keywords, scope variables and libkis API)
 - new Toolbar.
 - **Done:**
 - Scripiter 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 8nd April)
 - **Done:**
 - nearest neighbour algorithm - wrong in scale image to new size
https://bugs.kde.org/show_bug.cgi?id=401788
 - Ruler cannot be set to anything but pixels
https://bugs.kde.org/show_bug.cgi?id=406181
 - **Doing:**
 - the merged layer in a different position in the layer stack
https://bugs.kde.org/show_bug.cgi?id=405686
 - **To do:**
 - https://bugs.kde.org/show_bug.cgi?id=403380 Animation play/stop buttons should be for one document
 - https://bugs.kde.org/show_bug.cgi?id=401497 Python script with cloning the document that crashes Krita
 - https://bugs.kde.org/show_bug.cgi?id=399222 Shearing a horizontal vector straight line
 - https://bugs.kde.org/show_bug.cgi?id=399846 Different settings for the same brush when opened in 4.1.5 and 4.2.0
 - https://bugs.kde.org/show_bug.cgi?id=404553 Crash when changing the image color space from greyscale to RGB
 - bugs 359858, 350520, 335238, 387242 and 401788