

23-01-2017 Meeting Agenda and Notes

Stats: [krita](#) [322](#) +19 -19 in the last week, up from 301 in the last meeting

Bug fixes project board: <https://phabricator.kde.org/project/view/134/> (but there are other critical bugs!)

1. Individual Done and Todo

- Dmitry:
 - On Vacation
- Wolthera:
 - did some bugtriaging, but was mostly busy with school
 - set up a user survey form
- Scott:
 - Doing:
 - Polish animation renderer and fg/bg selector
 - Start creating/developing the color palette UI ideas a bit more
- Boud:
 - Last Week
 - Bug fixes
 - Added qtmultimedia to windows build vm's
 - Todo
 - Prepare for tax audit
 - Make release builds
 - Open up pre-orders for the new usb keyring, animation dvd
 - Bug fixes
 - Bug triaging
 - Go through phabricator backlog
 - Get back to share.krita.org
 - The rest of my todo...
 - fix custom resource folder bugs (T3694, D2725)
 - start on python scripting again (T1625, T3588, T3077, T3076, T3502, T586, T3075, T3431, T3079, T587, T3078)
 - setup patreon
 - Check osx app store windows app store, check ebay, check amazon, check bol.com: we need more sales!
 - update g'mic and figure out why stuff is broken
 - Improve palette docker (T112, depends on Python scripting)
 - Check resource and configuration location on Windows (T2310, there is also a bug report for it)

- make saving work in the background
 - Fix shortcuts on OSX
- Anintim:
 - Added a number of icons for the toolbar
- Laurent
 - Done:
 - Refactor the “Resize canvas” dialog to use unitspinboxes.
 - Todo:
 - Validate the design as implemented in the “Resize canva” dialog
 - Refactor rest of code (should be faster, since the “howto” is more or less complete.)
 - Note:
 - I will continue to work next week, but this week I have 4 exams so nothing will change in jospin/unit_spin_boxes (or maybe, just tonight I will put master in my branch, so that if somebody want to test it this week it's +/- up to date).
- Tyyppe:
 -
- Nimmy:
 - <https://codereview.qt-project.org/#/c/166202/> has an error again...
- Windragon
 -
- Irina
 - Done:
 - Copy-edit Wolthera's survey form
 - Todo:
 - Some more admin stuff in prep for tax audit
- Eliakin
 - Done
 - Python Editor Features:
 - Line Number Area and Highlighter to current line.
 - Ctrl+Wheel to zoom in and zoom out the text.
 - Syntax Styles in runtime in the settings Dialog.
 - Font Families for the python editor.
 - "Open File" Action
 - "New" Action
 - "Save" Action
 - Project Structure:
 - It was defined a better structure for the project with controllers and better concern separation between document and GUI.
 - Every access to the GUI is limited by the UiController.
 - Document Features:
 - When the run method is invoked, the file is accessed.

- We compare documents before save
 - Good Performance with "big" python files(500 lines)
- Debugger Feature:
 - Interface for the debugger (Actions and Buttons)
 - Implementation of a debugger like IDE's work
 - Support for start, stop and step commands.
- Todo:
 - Debugger Feature:
 - Point current line in the GUI.
 - Show global and local variables in the GUI.
 - Send errors occurred during execution to the GUI(Error and line of the code)
 - Bugs:
 - Fix Bugs in the editor that were found

3.1.2 Release Status

We'll try to have audio support in this release.

Blockers

Dates:

31-01-2017 - Krita 3.1.2

Audio Channel Support

The remaining questions with audio support are:

1. QtMultimedia builds fine on Linux and Windows. Tested.
2. Krita opens: wav, mp3, ogg and flac audio file formats.
3. The GUI will take about a week of hard work to implement, how to convey this to users?
 “This GUI is very limited, because we need to get users’ input about the feature. The final GUI (no strict deadlines yet) can be checked here
<https://phabricator.kde.org/T2371>”

Solution:

1. GUI is kept right as it is now, we want to release this work-in-progress with 3.1.2 for rigorous testing.

2. In the release notes we link to the task with the original design (<https://phabricator.kde.org/T2371>) so that people can see what we have planned.
3. implement original design in a step-by-step way

Notes about dependencies:

- 1) QtMultimedia is optional. If you don't have QtMultimedia during the build phase, Krita still runs, the Audio button present, but it is disabled and there is a note in the GUI that audio will not work.
- 2) If you have QtMultimedia build it, but don't have GStreamer or other plugins installed, Krita works as usual, but just refuses to play the file.
- 3) On Ubuntu you need the following packages to build Krita with audio support:

```
libasound2-dev  
libgstreamer1.0-dev gstreamer1.0-pulseaudio  
libgstreamer-plugins-base1.0-dev  
Libgstreamer-plugins-good1.0-dev  
Libgstreamer-plugins-bad1.0-dev
```

4. During runtime you should have the following packages

```
libqt5multimedia5-plugins  
libgstreamer-plugins-base1.0  
libgstreamer-plugins-good1.0  
libgstreamer-plugins-bad1.0
```

For runtime, you need the same packages, but without '-dev' postfixes.

Kickstarter rewards

- Stuff should start arriving this and next week

Jenkins

- [DONE] Dmitry will ask sysadmin whether it's possible to stop jenkins spamming the mailing list.

Steam

- We're back in touch with our account manager, and steam has a whole new system for videos we're going to try.

- We accidentally used the "Video" feature first when uploading all the Secrets Of Krita (mp4-re-encode version), but we would have had to use the "Series" feature. Our Steam contact just set that up for us and I'm (timo) in the process of uploading the videos so we can see how it turns out.
- The Interface wants us to put a description text in for every video (i've chosen the word "Chapter" for the UI) as well as a 460px x 215px image for each.

Manual

The manual is not very usable for OSX users because shortcuts can be very different. We need to collect a list of all the broken shortcuts and write a general note (ctrl is cmd) and fix the code where necessary. See <https://phabricator.kde.org/T3958> and <http://doc.qt.io/qt-5/osx-issues.html>

Finished looking over the manual. External resources not checked. Comments here:
<https://phabricator.kde.org/T3958#59007>