

Redesign system settings modules by porting them to QtQuick

Goals

Port following KCM modules to QtQuick/Kirigami2

1. Window Behavior
2. Task Switcher
3. Spell check
4. Screen Edges

Implementation

Porting and redesigning Most of the KCMs will be straightforward complete rewrite with similar feature parity with previous ones

I think UI/UX will be the hard part. Also I think that if we are rewriting it then it must have better UI/UX than old version

Timeline

This is my proposed timeline.

- Week 1-3
Port **Task Switcher** KCM. Alternative tab is just duplicate of fist Main tab so this will be very easy
- Week 4-7
Port **Screen Edges** KCM. Single page. Looks easy
- Week 8-9
Port **Window Behavior** KCM. This one is looks simple but is actually quite big
- Week 10-12
Port **Spell check** KCM.
This is also very simple KCM but IMO we should add some additional functionality to it like 'Add bulk words' from a specefic file format, and allow searching if word is in list or not ..etc

My speed may slow down during mid August and November due my in-sem and end-sem examinations which are are likely going to be held in that time

I believe that I can manage both university and GSoC at the same time as my college is flexible about attendance

About Me

I'm Smit S. Patil. I'm a student at Sinhgad College of Engineering in Pune currently studying Information Technology in 3rd year. I've been using desktop Linux since 2017 as my primary operating system and KDE as my primary Desktop Environment since 2018.

I've first started programming with C and GTK and self-taught myself since 2017

In 2018, I was selected as runner-up in Google CodeIn 2018 for KDE and PostgreSQL organization. I sent patches to GCompris software.

Since then, I've also tried to contribute to core KDE by creating a few merge requests (which you can check out on my invent profile) to kwin, plasma-sdk, and kirigami2 and wish to do more in future

I'm also known as violetghoul on matrix with username @smit:matrix.org

I'm also submitting a proposal to LLVM and when given a choice I'll choose KDE because I want to contribute to the amazing desktop environment I use daily