

Application for GSoC project under KDE as mentoring organization

Name: AjayKumar N Kulkarni

Email Address: anku.manasa@gmail.com

Freenode IRC Nick: ajay1

IM Service and Username: google talk

User name: anku.manasa/ajay kulkarni

Location (City, Country and/or Time Zone): Mysore, India, IST (Indian Standard Time)
GMT +5.30

Proposal Title: Improvements and enhancements for Plasma Media Center

Motivation for Proposal / Goal:

There are many media entertainments available to us. Some of them are music, videos, pictures etc.... To view the pictures, one will have to use shotwell photo viewer, to listen to music, one will have to use rhythm box and to view videos one will have to use VLC media player. So we will need many applications to view music/videos/pictures. Installing many applications in an operating system would eat system memory thus making the system slow. I am a regular user of ubuntu operating system from first year of engineering. And I have faced such problems. Ubuntu was never slow, but that problem was very common in windows operating systems.

So there is a need to integrate image viewer, video player, music player into an interface. Plasma is the desktop environment for KDE. We can write and compile a media center which can have integrated image viewer, video player, music player and such other media viewers. Besides I saw this project in the projects list in KDE website and I'm interested in doing that project.

Implementation Details:

This project will be implemented by using c++, eclipse/netbeans IDE. A suitable interface can be developed by using eclipse/netbeans and the various modules in that interface can be connected together by using C++.

Tentative Timeline (in weekly intervals until 2 weeks after the end of GSoC):

1. Developing user interface using eclipse/netbeans IDE – It would take 2 weeks provided I worked 40 hours per week.
 2. Coding (Connecting various modules) – It will take 6 weeks
 3. Writing project report and conclusion - It'll take 2 weeks
- Total weeks: 10 weeks

(I hope that tentative timetable will be flexible)

Do you have other obligations from late May to early August (school, work, vacation, etc.)? Please note that we expect the Summer of Code to be a full-time, 40-hr a week occupation. It is important to be clear and upfront about other commitments that you may have during that time.

No, I don't have any other obligations from late May to early August.

About Me (let us know who you are!):

I'm a final year engineering student from Sri Jayachamarajendra College of Engineering. I'm a student of computer science and engineering. There is no confusion over my eligibility for GSoC because our college accepts me as enrolled student on May 27th.

Now I'd like to tell you about myself: I'm AjayKumar N Kulkarni a 23 year guy who celebrated his birthday last week. I was one of the coordinators of a student organization named as Linux Campus Club. This Linux Campus club will train the students and people about open source software, computer languages such as C, C++, Java etc. And we have another student organization at our college named as IEEE-SJCE. I had worked as an volunteer for IEEE-SJCE and had helped them to organize their annual event 'Tuxedo'.

I'm a former national level player in Table Tennis. After studying computer science for 3 and half years, I've gained good amount of experience and knowledge. During the starting days of my engineering studies, I never knew that we can customize the software, hardware and operating systems. I was a beginner who was willing to learn about computers. Under such circumstances one of my seniors who was studying in M.I.T introduced ubuntu and linux mint to me. The power of those gnu/linux operating systems attracted me completely. During the holidays or whenever I got free time, I started to explore gnu/linux operating systems and open source market. Slowly I realized that open source market has got more potential than windows series of operating systems, mac operating systems. I learned about computer languages like C, C++, Java, PERL etc. during my engineering studies. Those computer languages helped me to explore both windows series of operating systems and gnu/linux operating systems. And I found out that gnu/linux operating systems were more flexible and more powerful than windows series of operating systems. The link for my blog is www.selcouthaegis.blogspot.in.

So I'm planning to do a GSoC project under KDE. And I would like to do project for 'plasma media center'.