Raspberry Pi Support

a)   Installation and Configuration

a.i.   Software

As someone who possesses several years of experience in the user support, I know how to install software under linux which of course implies the raspberry pi platform. What's more, I've been working as a freelance author for the most important magazine on linux in Europe. Beside of having dealt with lots of different software, I installed and reviewed several operating systems available for raspberry pi.
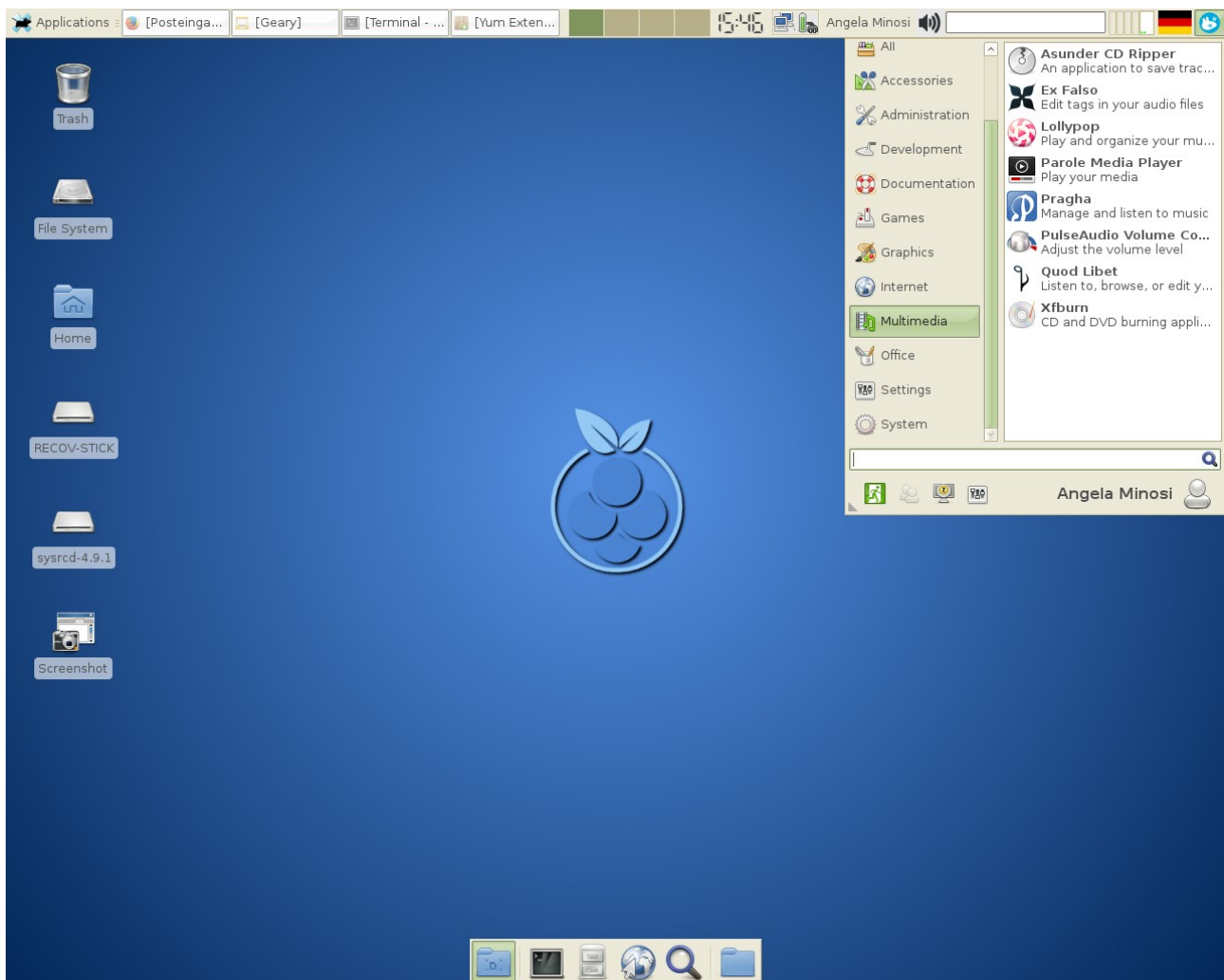

Figure I: Fedberry - operating system for the raspberry pi

a.ii.   Peripherals

Installation of mesa drivers, drivers for different monitors as well as other types of peripherals is something which I can do for you. During my freelance work as an author I write reviews about hardware compatible to Linux or Raspberry Pi from time to tome. That's why I can deal with different kinds of hardware such as installing and setting up VOIP on raspberry pi or 3.5'' LCD monitors, etc.

Figure II: Setting up VOIP under Raspberry Pi 3

b)   Automation

b.i.   Bash scripts, Python scripts, Java console programs

Tasks can be automated by writing bash or python scripts. Regular tasks on the contrary can be executed by setting up a cron job.

Another option is to write a Java console program. There does for example exist a java library which can access the hardware of the raspberry pi such as GPIO, etc. What's more, java will run smoothly on the raspberry pi. Additionally, there are different Java compilers available which will run successfully on the raspberry pi.

c)   Implementation

If there is a java library suitable for the raspberry pi out there, I can extend its functionality. For example, the addition of columns to a database used by that java library would be a possible use case. What's more, I can implement additional features to that library such as performing additional calculations and displaying them on the monitor, etc.