

Rationale

Providing an easy re-mastering system that allows non-tech users to make personalized copies of the Operating System to suit their needs. The aim is to make Open Source software really easily available to everyone, specially the novice users.

Use Cases

- Let Jack be a non-tech user and new to the open source operating systems. His primary use of the computer is to use the internet and chat with friends. It is quite evident that he does not need to use all the resources of the computer. To save his power or battery he can for a new operating system which only has the modules for proper functioning of the internet and also enables him to chat with friends. After a week of using the machine, a pop-up dialogue appears to him telling “Do you want to create a new Operating System that suites your needs?” On confirming, the GUI based re-mastering tool will start, it will enable Jack to create an Operating system that has the bare minimum for the operating system to function.
- Suppose Adam is an Executive working in any marketing firm. He has to conduct various seminars prepare presentations often. He can create the Operating system to cater to this need only. The operating system will have all the office tools and the internet capabilities. The entire Operating system can be stored on a USB such as pen drive or even on CD,DVD etc. Now whenever Adam is traveling to various companies to give a presentation or conduct seminars he just has to carry the pen drive and nothing else. At the venue he will connect the USB device to the Host Company’s computer and conduct the seminar.
- Rita uses the computer extensively. She uses “resource hungry” multimedia applications when at home, and normal day to day tools while at traveling and at work. But the graphics card and other hardware use up the battery of the computer extremely fast. To counter this problem she comes up with a unique solution. While at work she will carry the 'mini' operating system with only the basic office tools: this operating system will not use the graphic card and other such energy utilizing parts and will save vital battery life. At home Rita has the option of connecting her laptop to the power cord; she can use the multimedia version of the operating system created by her to power her way through the applications.
- Swapnil is a computer user and also has kids at home. Everyone in the family uses the computer and so there is always the bother of creating different user and managing all the accounts. To find a way through this, Swapnil uses the GUI based re-mastering tool to make multiple versions of the operating system each

tailored to suite the needs of individual family members. There is no need to create different users and problem of kids deleting each others data!...

- Danny owns a small/medium sized IT company. He has a group of 15-20 people working under him and designing tools for the software projects handed to the company. Danny is worried that the employees may while away there time instead of concentrating on the job at hand. He makes the personalized Operating System copies that contain only the tools required to do the job. These copies of the operating system are distributed to the employees in the form of USB devices or CD, DVD etc. Due to this arrangement the employees do not even have to carry laptops to work. They just bring the OS with them, work during their shift, save changes and depart at the end of the day. Thus the productivity goes up.

Scope

This specification supports the formation of copies of operating system each different from the other. All the copies will have some or the distinct quality or application present in them.

The concept if implemented will help Linux set a great example personalization of computers.