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## Differentiate among Various Operating Systems

Throughout the years, technology has developed and been improved over and over, and will only continue being developed, perfected, and augmented. Milestones have been reached and will continue to be reached by those driven in the technological industry. Today, many modern operating systems for computers have been created and distributed among the public. In fact, there are so many out there that it's sometimes hard to choose from. The general public typically enjoys the use of Windows based operating systems, or Macintosh based operating systems. On the contrary, whether someone is new to computing or not, picking the right operating system for your computer is vital to achieve certain goals.

The first and probably the most popular operating system is Windows 7. "Why not windows XP or why not windows 8? Here is the quick answer. Because the windows XP was one of the most popular operating systems because of its simplicity and easy functionality. Similarly we assume that the windows 7 is 2nd windows XP, with enhancements in every single module of windows XP. Still fast and secure. Can be installed on any CPU with 1GB ram and support is always maximum unlike windows XP which supported only 4GB." As stated above, the simplicity of windows 7 earned it its number one spot above preferred operating systems among the general public. It's very easy to maneuver around with and very user-friendly. Before windows 7 was released, windows XP was the most popular for the same reason, so it can be considered an improved version of the XP operating system.

Second we have an operating system that is Linux based. It goes by the name of Ubuntu and is a personal favorite of mine. Ubuntu is a popular operating systems among those just outside the general public. Many computer-savvy people and developers enjoy it for its simplicity and security. It provides simplicity in the sense that one can manipulate the operating system to almost allow it to do anything the user desires. For example, an application was established in Ubuntu called WINE. This application runs .exe applications that a Microsoft-based operating system would normally have to run. Given the excellent security that's on par, if not better than mac-based operating systems, this operating system is a good choice for someone who wants the best of both worlds, meaning windows and mac, with a little more liberty to control their computers.

Finally we have the Mac operating system. Macs are UNIX based and typically used by people that prefer to do graphical work with their computers since that's their claimed area of expertise, while also providing a stabilized, general-purpose use that keeps a happy median to most of the general public. Mac operating systems provide excellent security benefits, but running windows applications on a mac can sometimes be tricky. Desired operating system modification is also problematic among mac users, unlike those from the Linux community. . "In Mac the main kernel is always locked and just like windows you cannot modify core files much easily. Limitation of devices which can be used to install this operating system is what makes it less popular" But all around, the mac is not a bad choice for someone who wants a little more *humph* in their operating system.

Given all the selections of operating systems and their functionality possibilities, no wonder the operating-system market is always sporadic. Many people don't know what they want in an operating system, or are even exposed to the features different operating systems offer. It's important to educate ourselves about these matters, as technology is improving every day. And as technology improves every day, so does the population of users. A day in the future will come where different operating systems will be specialized for different tasks and the users will have to learn to utilize a variety of them to fulfill

their employer's assignments. Good thing a dual-boot option exists today. Perhaps in the future, we will be able to pick from a list of operating systems.

<http://www.codeandcommand.com/top-10-operating-systems-2015/>