A STUDY ON WINDOWS EMULATOR FOR LINUX PLATFORM

By

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ABSTRACT

Due to the resource hungry nature of Microsoft products and its ruthless licensing practices, many computer users are slowly moving away from them and many others are seriously planning to switch to other free systems. However, the perception that alternative systems such as Linux lack in user friendly or productive application packages such as Notepad, Paint and Access, stops them from making an operating system switch. This means that such users will certainly be willing to try out an alternative operating system if an easy mechanism will let them continue to run their favourite packages without any restrictions in the new system. That is, a user on non-Windows platforms should be able to run popular programs such as Notepad and certain games alongside normal Linux programs. The class of products that allows to running a Windows programs on a different operating system platform is called Windows emulator. This project is applied to solve that problem. Here, we will study investigate the implementation of windows emulator. This emulator will enable Windows application software to run on Linux system machine. From the implementation, Windows application software is now freely run on Linux platform by using Wine as a connector.

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CHAPTER 1

INTRODUCTION

1.0 OVERVIEW

Generally, in this beginning chapter we will discuss about background and concept of this project. It also describes the objectives, scopes and benefits of the project. This chapter is very important to us to set the goals of the project and the limitation of our study.

1.1 INTRODUCTION

Operating system is the most important part in computer system. It is an interface between the computer hardware and user. Main objective to provide operating system is to give an environment where the user can run software application easier. However, there is no standardization on operating system and the software developers provide software depending on the operating system only. For examples, Microsoft Office for Microsoft Windows and KOffice for Linux only.

Due to the compatibility problem, most of the computer users feel profitless when they have software but cannot use it. This happened when the software that they brought did not match the operating system that they are using. Users, who are using more than one operating system, at one time could not get benefit. The differences between the operating system are the root of this problem. Windows application not function on Linux platform and Linux application not function on Windows platform.

The familiar method to solve this problem is to install both operating systems on the same computer, as a "dual boot" system. When users want to write a document in MS Word, they can boot up in Windows, and when they want to run GNUCrash, the GNOME financial application, they can shutdown Windows session