

ABSTRACT

Slackware Linux is one of the oldest linux distribution in the world. Therefore, the package management is still manual. Slackware Linux has an application based on ncurses for managing package but it still works manually. This application called pkgtool. Pkgtool only has three main functions are installing, removing, and upgrading.

JpkgTool is an application that use for handling package management in Slackware. It is not using for changing the pkgtool but it uses for completing pkgtool fungction. JpkgTool will do all about management package automatically. The other function of this applications are freezing package and view details package. By using this application, user can do all the process instantly. For example if user wants to install A, then remove B, then upgrade C, so JpkgTool will do it simulaneously.

This application is designed by using UML approach and developed by using Swing GUI. This application has been tested by using Black box method.

The summary of this JpkgTool is it is very useful for users whom wants manage the package easily.

Keyword : Linux Slackware, pkgtool, Unified Modelling Language (UML), QT Jambi, package.

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