stdin 0 <

stdout 1 >

stderr 2 2>

GNU – GNU Not Unix

Distributions differ in package management

Package Management – Install, upgrade or remove software

ubuntu – dpkg/apt-get / apt/ synaptics(gui)

redhat – rpm/yum

DEB based – Debian package management system

RPM based -RPM packagment management system

Makefile

httpd

*/ etc/httpd/conf/httpd.conf*

*/ var/log/httpd/access.log*

*/ var/log/httpd/error.log*

*rpm -qi packagname*

*by installing wvdial we get a executable / bin/wvdial*

*rpm -qf / bin/wvdial – returns the name of package through which this executable was created*

*rpm -ivh ( i – install , v – verbose, h – print hashes)*

*yum – utility for installing package*

*yum – capable of resolving dependencies*

*yum – requires a repository*

*repository information is located at / etc/yum.repos.d*

*configuration file has .repo extension*

*yum repository consists of all rpms and a directory named repodata with a file named repomd.xml*

*yum info packagename – displays if the packages is installed or not*

*yum install packagename – installs the package along with its dependency*

*yum remove packagename - remove the package ( dependency not removed)*

*Network Management*

*Switch*

*System A System B*

*192.168.1.12/24 192.168.1.13/24*

*192.168.1. 0 192.168.1.0*