

Linux hardware settings

first determine the settings:

1)first we found the settings

2) second we will configure the settings

first hardware abstraction layer(HAL):

first assume there is a server with three different network cards

first network card will be eth0

your first card will be eth0 remember it

dbus:

dbus tell the the operating system creater a relationship between the hardware and the application layer

its a communication method or a pathway.

For example if you insert a hardware like a pen drive dbus gona tell u about the thing to your application that something is inserted but i know only that . I dont tel you which is that

communication between the software and the hardware

udev:

have heard about this

dev/sda/

dev/sdb

/dev/sdc

udev work with that.lets assume u inserted a usb

if this say that it is a

dev/sda you will not understand ,because the dbus only can detect hardrive but it will do just that not more but u dev do the next thing that means udev acctually indicate the device so that the dbus can understand what kind of device is that,so if u insert a camera dbus will discover and tell the os.then udev will locate and give it specication about that.as simple as that