Experiment No.5

Limital is Limital Index Installation of Deleion and RPM

Limital is a family of open source Unix-like operating

Systems leased on Linux Kurnel, an operating system Korn

first released on September 17, 1991, by Linux Tornalds. Lin

is typically packaged in a Linux distribution.

Distributions include the linux kurnel and suffacting system software and liberaries, many of which are provided by the GNU project. Many Linux distributions was the weed "linux" in their name, but the Eree Software Eoundation was the name GNU/Linux to emphasize the importance of GNU software, causing some controversy.

Edora and Cleuntu. Commercial distributions include Red Hat Enterforise Linux and SUSE linux Enterforise Server. Desktop Linux distributions include a windowing system such a XII or Wayland, and a disktop environment such as GNOME or KOE Blasma 5. Distributions intended for servers may omit graphics altegether, or include a solution stack such as LAMP. Because Linux is fruity redistributable, anyone may create a distribution for any purpose.

Linux also runs on embedded systems, i.e. devices whose operating system is typically built into the firmular and is highly tailored to the system. This includes new ters, automotion controls, televisions, digital video recorder wideo gome consolu, and smortulathes. From smortphone



Linux is one of the most prominent examples of free and open-source software collaboration. The source code may be used, medified and distributed-commercially or non-commercially-by anyone under the teams of its gresfective license, such as the GNU General Eublic License.

Linux-based System is a modular Unior-like operating system, deriving much of its basic design from frinciples system, deriving much of its basic design from frinciples established in Unix during the 1970s and 1980s. Such a system uses a monolithic Kernel, the linux Kernel, which system uses a monolithic Kernel, the linux Kernel, which handle fraces control, notworking, access to the feripleade, handle fraces control, notworking, access to the feripleade, and file systems. Devia drivers are either integrated directly and file systems. Devia drivers are either integrated directly and file systems, are added a modules that are loaded with the system is running.

lides input infrastructure Linux currently has two modern Kernel-userspace APIs for handling vides input devices: VYL2 API for video stream to install deleian with CD installation method.

and radio, and DVB API for digital TV reception.

Due to the complexity and diversity of different devices and due to the large amount of formats and standards handled by those APIs, this impostructure needs to endbue to better fit other devices. Also, a good usorspoon definice library is the key of the success for having userspace applications to be able to work with all formats supported by those devices.

Hardwar suffort

The Linux Kernal is a widely ported operating system

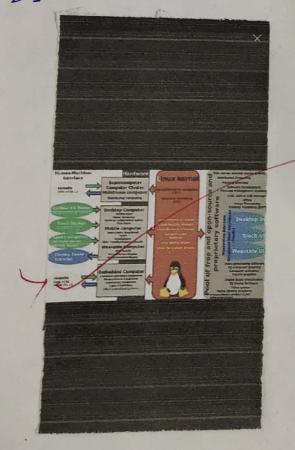
Kernel, available for devices ranging from mobile phone,

to expercomputers; it sum on a highly dinuse grange

ref computer architecture, including the hand-held

ARM-based iPAD and the TPM and the Computer of the computer architecture.

ARM-based iPAD and the IBM mainfearing System 29 or System 2 10.



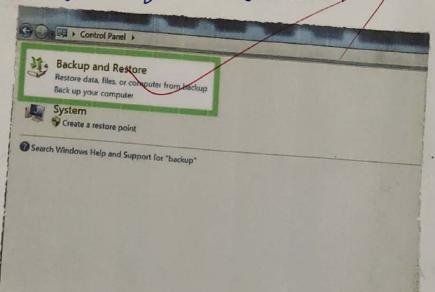
Rage.

Uses Beside the linear distributions designed for general-performent on destroys and hower, distributions may be specialized for different to for different purposes including: computer suchitecture suffert, embedded system stability, security, localization to a specific security. to a specific region cer language, targeting of excipie wer groups, supports for real-time opplications, or commitment to s given desktop enut. Eustherman, some distributions deliberately include only free septence. As of 2015, over four hundred Linux distributions distributions are actively developed, with about a dozen us. heing most popular for general purpose

Phiestines to install deleian with CD installation method. Brocedure

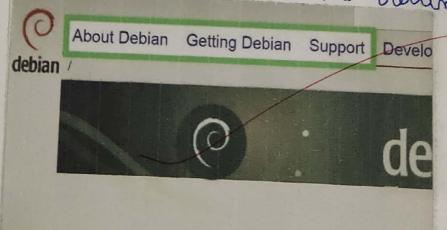
Step 1: Back up any important files on your computer.

Installing Delvian on your machine will clear your entire
hard drive and reformat it, erasing all data in the
process. Store your imp. inf. on a removable drive
leginaring the installation.



Step 2: Navigate your web browser to the Deleian website.

Deleian is distributed through www. deleian org, and the necessary files can be found on the "6 bretting Deleian" he

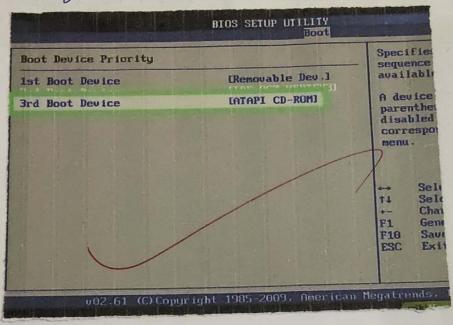


<u>Debian</u> is a <u>free</u> operating system (OS) for your comp is the set of basic programs and utilities that make yo Step 3: Download the Deleion installation image. son iso file orto a disc, le it tres From the Deleian welesite, choose the installation image that is suited for your processor architecture izard If you don't know what type of processor your modition ine has, choose the "32-bit PC netinet iso" image, as this one is compatible with common 32-bid intel or AMD processor. Search ng Debian Support Developers' Corner ting system (OS) for your computer. An operating system rams and utilities that make your computer run.

Step Y: Burn the installation image to a CD or DVD.

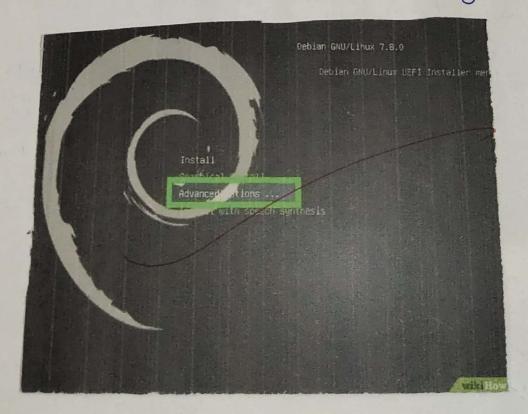
Once you have downloaded the image fill lum is to a disc using disk imaging softwar. There are several free afflications ansulable that can perform this task, though your computer must have a CD-R or DVD-R drive.

Step 5: Boot your computer from the newly-burned disc. Once you mout the iso file onto a disc, leave the disc in your effical drive and restart the computer. The computer will boot from the disc and take you directly to the Debian installation wizord.



Step 6: Test Deleian Live from the disc if desired.

Delian includes on oftion that lets you run the oferation system completely from the CD or DVD, without overwriting any information on your hard drive.



Stof 7: Install Debian occording to the instructions in the installation wizard.

When you are ready to proceed with the full installation wizard to item. fallow the prompts in the installation wizard to set up the operating system as desired.

Debian GULLING 18.0

Debian GULLING 18.0

Debian GULLING 18.0

October Gulling is item.

Out of proceed contacts.