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  Why customize LiveCDs
  How to Customise the Ubuntu Desktop CD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2. Dacked and Mary Control Con
  System Requirements

    At least 100GB GB of free disk space
    At least 4GB RAM, much more recommended

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2. Accountable on 150 General
  The architecture (and/64 or 1365) to be stood on the LiviCD should be the same as the architecture used to perform the customization. It is not trivial to coasts major release version as that of the target system. Otherwise, the LiviCD may not run, and / or you may get stack at some point during the customization process.
Install pre-requisities
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      _ . consisting the ISO file
3. Testing the CD
4. Burning the image to a memory
5. Burning the image to CD
13. Additional user for the image
14. Comments
  Obtain the base system
  sudo mkdir -/custom live cd
sudo mv ubuntu-22.04.1-desktop-and64.iso -/custom_live_cd
sudo cd -/custom live cd
     such as d-quarton_tive_cit

Months complete from the threat 22.04.1 Doddop. Replace it with the name of year io. \bigoplus it is strongly a note spt-spt distinguage from the first superants

Then repeat until all packages are up to date. Following this, clean and antereneve old packages:
  sudo apt-get autoremove
sudo apt-get clean
  Extract the physical DVD .iso contents
  sudo mkdir isomount
sudo mount -o loop ubuntu-22.04.1-desktop-amd64.iso isomount
  Amending the LiveCD Squash Files System
Customizations
  The number of package sources available on a Linc'D is very limited. It may therefore be necessary to temporarily edit the SOUTCES. List file in the Gdl't file system to add sources for desire undo godit edit/etr/apt/sources. List
  DebConf
  Ending chroot and cleaning up
  Before exiting chroot
  Cleanup old kernel versions

Find a list of all currently installed kernel versions. An easy way to do this is to list the config files in the /boot folder
  Cleanup apt and packages
  apt clean
apt-get clean
  sudo umount edit/run
sudo umount edit/dev
                         nove bash history from Squash File System
```

```
Updating and altering the SNAP package configuration
    cd /var/snap
sudo umount <snap name>
cd /
    sudo systemctl mask snapd.service
sudo systemctl stop snapd.service
sudo systemctl disable snapd.service
    sudo systemcti unmask snapd.service
sudo systemcti enable snapd.service
sudo systemcti start snapd.service
    Updating the kernel and initrd on the LiveCD proper
    Copying the kernel
    sudo rm extracted/casper/umlinuz
sudo cp edit/boot/umlinuz extracted/casper/umlinuz
sudo chmod 644 extracted/casper/umlinuz
        Extracting the current initrd file
        sudo mkdir initrdmount
sudo unekinitramfs -v extract
    Copying required files to a seed folder
    The following communds extract the necessary files from the 
sade op -R initrdesent/nain/conf coef 
sade on conf initrdecenf 
sade op -R initrdesent/nain/scripts initrdecenf/
Creating a new initrd / initramfs file
sude on ninitrd extracted/caper/initrd

A note on kernel vestioning

This guide assumes that the reader is creating a customized Linbrower for cample:

sude skinitrants of initrocent -o minitrd come har

Clean up the squashfs/boot folder
        sudo rm edit/boot/initrd.img-*
sudo rm edit/boot/vmlinuz-*
    Simple Customisations
Wilepsen are only scalable as choice in the settings means in a close with the settings means in the setting means a close with the setting means and the 
        Changing GNOME desktop settings
             Communities with a part of the part of the
    # global settings #
    The control of the co
    Setting regional defaults
Legacy Boot
        Change default language of gfxboot
    war neeting uses CEUS instead of follows. There's no opions for changing the language of 1 %2. Landurer, Pastroparthers touch and 27 west production of 27 west production. And 27 west production of 27 west production. And 27 west production of 27 west production. And 27 west production of 28 west language of 27 west language
        DOST/ps warys waters
model - p bost/grub/locale/
model - p bost/grub/fonts/
cp - a /bost/grub/fonts/
cp - a /bost/grub/fonts/
cp - a /bost/grub/fonts/
cp - a /bost/grub/fonts/unsicode.pf2 boot/grub/fonts/
        Customization limits
```

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While in choos:

mak -F: '$3 == 999' /etc/passed

If you get any hits, try changing the sid:
nat. 2: 7: 20 page page plus ny changang dia ---
serretter of 250 DAT
Miccellancesson Defaults

Van may shirk south de fine in discident to change system behavior at earney. You might also add de incipantise, incipant

you will be in hauge de addition timenses mostly the live of any

""" "Reference fine of a behavior and with the male of the declaration of the control of the live of the control of the live of the control of the live o
               Removing the (Casper) Autologin
               # of matract-cd/capper # older remodel:

# order older remodel:

# of partical former bettern flooringers but scripts/capper-bottom/Sconfigure init.orig

# op scripts/capper-bottom/Sconfigure but scripts/capper-bottom/Sconfigure init.orig
           To deather the annelogic flatters, Recover SERENAME, but plus have the quotes. The engine plus and processing the series of the 
       Some the first of the Thin. Some manusch of the processor or an annual construction of the processor of the 
           # cd extract-cd/casper
# skdir lztempdir
# cd lztempdir
# lzmm -dc -5 .lz ../initrd.lz | cpio -imvd --no-absolute-filenames
               # cp ../initrd.lr ../inird.lr.orig
# find . | cpio --quiet --dereference -o -N newc | lzms -7 > ../initrd.lr
           Assembling the file system

Firstly, regenerate the manifests of the SquashFS file sy
           and their or entransic composition contents of the contents of
           Konstan Kingshaff Sid Inn yan ediad lelapung sampadi - amp ar ang ar ang
               ubuntu-22.84.1-desktop-am684.isol 64 5465129 7465056 4.2M Nicrosoft basic ubuntu-22.84.1-desktop-am684.isol 7465126 7473625 8466 4.2M ETT System ubuntu-22.84.1-desktop-am684.isol 7473626 7474225 6600 4.2M ECrosoft basic
                           udo dd bs=1 count=446 if=cimage name> of=mbr.img
                   sudo xorriso -indev "ubuntu-22.04.1-desktop-amd64.iso" -report_el_torito cmd
Assembling the ISO file
               The commands shown above will cappe a list of witches to be used with the XOT'I SO command when creating the new ISO image. By default, the command will derive the MBR and EPI images necessary to create the new ISO image, from the source ISO like. As an all the MBR and EPI image files extracted from the image being customized. For example:
                   The state of a contract of the state of the 
               shallum Mjölstribation, isa 20 Mjölstribation, isa nhalli
1993 – Iosal-aiser 2015688811920192568444082019256444408801418822 – oottyot Mjölstribation, isa 2003/2, app – detach-sign Mjölstribation, is
The BO dhold box even is secure boot because the signed Ubentu shim is still used. However, if unsigned drivens or suchlike are added, then it may see boot in
               Testing the CD
               Burning the image to a memory stick or other block device
           Insert the memory stick and note in device id. (Note, not partition id). Then use the did con
saids did if-example files of-example devices.
For example.
               Burning the image to CD
               Additional uses for the image
                   We we have any comments or questions, please feel free to add them have.

If you are assocrating a question, please rewrite the question into a tip that answers the question, (to help keep things to the point,)

New questions at the bottom (I gazen.)

    GUI for simple creation of localized CDs (including changing globoot and installing lan
    Script for customization of ISO, SquashFS and intent on live CD.

               It works fine until you try to apply puckages, where it hangs for me. --Jeremy Visser
```

```
mount -o none /kys
export MDME=/etc/skel/
cd /dev/
MAKEDEV generic
/etc/init.d/gbm start
/etc/init.d/gbm start
— josbryan
   If the livecd is not going to be used for the purposes of installing what files can be removed? Can the "pool" files containing the .debs be not - Mike
     When you're in the chreet you can install applications just like yow would on a live system. If you install from source you can feed free to delete the source turbed and make folders after you do 'make install'.

- BebYrad.
                                               occent / usrycan/osscent
"Nabisyout" "us.il"
"Nabisyout" "grp:ali_shift_toggle.grp_led:scroll"
"Nabisyout" "$NNB_EXFOUT"
   done
mount -v Smargs "Smp"
addExit "umount -v Smp"
 # mount compressed filesystem
mt '-t squashfs $MDIR/cd/casper/filesystem.squashfs -o ro,loop' sq
# create joined writable filesystem for the new CD
mt '-t aufs -o br:pMDIR/cd-went:pMDIR/cdero nome' cd-u cd-w
 # create joined writable filesystem for the new compressed squeent "-t sufs -o br:$MDIR/sq-werw:$MDIR/sqro none" sq-u sq-w echo ">>>> Updating CD content"
        cd mq-m
+ DO YOUR CUSTOMIZATION STUFF HERE, CHROOT, MODIFY FILES, ETC.
# ...
mengamin sendre (ny sendre de sendre
              - r-cache-index -3 -1 \
- r-cache-index -3 -1 \
- b isolizac/isolizac.bin \
- c isolizac/poet.cat \
- ro-emul-boot -boot-load-size 4 -boot-info-table \
- 9%550' \
980IR/cd-u
              Petr-this looks interesting. How do you use it? When I mun it, I get ./fix-live-cd.sh: 1: shift: can't shift that many.- Jeff
 -heethen (heethen at centrum dot cz)
   Editing good by setting each value separately takes too much time. There is a better way:
Make a test user and adjust the settings as you wish. Run
 goaftol-2 -damp/Nb/stiting/rend/pu/nb/sa > -/liw/your-ne-settings.mt
safe those restreat -/liw/your-ne-settings.mt
safe those restreat -/liw/your-ne-settings.mt
safe m-/liw/your-ne-settings.mt -/liw/dil/your-ne-settings.mt
and Sex-/liw/your-ne-settings.mt -/liw/dil/your-ne-settings.mt
and Sex. in the chrost environment, ms
   goosftool-2 --dreet --config-source xml:resderite:/etc/gconf/gconf.xml.defaults --load /your-new-settings.xml rm /your-new-intings.xml
 Is there no way to copy the user's geonf-values to the default geonf-values in the chrooted environment? This would be a lot easier than writing or
 It took me a long time to find the details for configuring a static IP on the Iro CD without duing it in the root file system. This enables you to create a few boot
There is a compet parameter which is in the form:
up-IFACE_ADDRESS_NETMASK_GATTWAY[_FACE_ADDRESS_NETMASK_GATTWAY[_P
   I edit the /etc/network/interfaces file and add a static address for the interface etb0.
 auto eth0 inet static address 10.xxx.xxx.xxx netmask 255.255.255.0 gateway 10.xxx.xxx.1
   -John D. Zollo
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Tophand the Kermik Lin CD with the later update inside clears using updated with update, disc agreed, group lines integer 2.4.3.14 general, instill show the date, instill show months of context and an extended DNTP physics.

The containing in this institute of stapp them is CD, and I get a mar in SD3 the II be to quant took line, but not update and cap play understate institute of the later. While I from I cap page may not DB the Research of a complete context of the later. While I for the later is part for the later in the later in
sudo cp edit/boot/vmlinuz-2.6.31-16-generic extract-cd/casper/vmlinuz
sudo cp edit/boot/initrd.img-2.6.31-16-generic extract-cd/casper/initrd.gz
 cd extract-cd/casper
sude mv inited.lr inird.tr.orig
grip -dc inited.gr | sude lzma -7 > inited.tr
cd -/live
To conserve space, you can remove the original inited files before changing the directory back
nado rm -f inited. Lx.orig inited.gz
Bost, Pradoep Solar
       meet tive-install
menu label ^Install Ubuntu
kernel /casper/velinuz
append file=/cdro...
 I\ customize\ the live\ cd\ and\ install\ spacks^2,\ we brain\ \_,\ bot\ how\ to\ make\ it\ start\ after\ the\ automatic-login\ ? Gordon
 In the meantime, FII dump my current version into the above link to save my week.
   aptitude can't purge packages.

The program 'aptitude' can be found in the following packages:
 For all of you seen now maple not quite as knowledgeable. Unsum soon, as emped, the first CD environment does not utilize all of the typical repoderies that it would not if you intuited it. You might need to add the particular repositor. For intuined, I wanted to create a first CD with defided on it. I had to odd exclupitocarce, list within the chronoted environment to add the subvers repository. I successmented the following to lises in exclupitocarce. Into intail defide:
deb http://archive.ubuntu.com/ubuntu natty universe
deb-arc http://archive.ubuntu.com/ubuntu natty universe
Then just undated act and invalled as normal:
 On a normal LiveCd there is an "installer" icon. DOes anyone know how i can get that icon onto a norm
                                                                                                                                                                                                                                           al Ubustu desktop? I have done a full install to a large usb-stick and installed things like "GPartEd" but i definitely miss havign that installer icon & functionality. Regards from Tom 🕮
I am a total beginner. How do I take my current computer configuration and turn it into a install CD? Thankel Nick \hat{\mathbf{m}} (Serry if my question sounds damb)
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