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Preseed Linux USB Create

To create an Auto-Install USB Stock with Mint 21.2 or later, use the following steps.

- 1. Download latest Linux Mint iso file https://www.linuxmint.com/edition.php?id=305
- 2. Insert USB stick, check with dmesg | tail to identify the usb device
- 3. Delete/Create FAT32 partition

su fdisk /dev/xxx

create type c (Win95 FAT32 LBA) partition See for details: https://askubuntu.com/questions/1064278/how-to-create-win95-fat32-lba-partition-type-on-32-g b-usb

4. create vfat filesystem on new partition

mkfs.vfat /dev/xxx1

5. mount disk

mount /dev/xxx1 /mnt

6. rename usb stick label if necessary/desired

mlabel -i /dev/xxx1 -s ::"CST_MINT212"

- 7. mount iso and copy iso content directly to usb stick partition. Ensure hidden files/directories are copied as well.
- 8. copy custom_install directory to usb stick root
- 9. copy custom preseed files to usb stick preseed directory
- 10. edit /boot/grub/grub.cfg and add to end:

```
menuentry "Install Custom Linux Mint 21.2 Cinnamon 64-bit" {
    set gfxpayload=keep
    linux /casper/vmlinuz file=/cdrom/preseed/mint_allinone.seed
boot=casper debian-installer/locale=en keyboard-
configuration/layoutcode=en_GB console-setup/layoutcode=en_GB
automatic-ubiquity quiet splash --
    initrd /casper/initrd.lz
}
```

11. add syslinux.cfg to root with content:

```
default vesamenu.c32
timeout 100
menu background splash.png
menu title Welcome to Linux Mint Cinnamon 64-bit
```

```
menu color screen
                    37;40
                               #80ffffff #00000000 std
                        30;44
MENU COLOR border
                                #40ffffff #a0000000 std
                        1;36;44 #ffffffff #a0000000 std
MENU COLOR title
MENU COLOR sel
                        7;37;40 #e0ffffff #20ffffff all
MENU COLOR unsel
                        37;44
                                #50ffffff #a0000000 std
MENU COLOR help
                        37;40
                                #c0ffffff #a0000000 std
MENU COLOR timeout msg
                                #80ffffff #00000000 std
                        37:40
MENU COLOR timeout
                        1;37;40 #c0ffffff #00000000 std
MENU COLOR msg07
                        37;40
                                #90ffffff #a0000000 std
MENU COLOR tabmsg
                        31;40
                                #ffDEDEDE #00000000 std
MENU WIDTH 78
MENU MARGIN 15
MENU ROWS 7
MENU VSHIFT 10
MENU TABMSGROW 12
MENU CMDLINEROW 12
MENU HELPMSGROW 16
MENU HELPMSGENDROW 29
label custom
menu label Automated installation (Everything in one partition)
(syslinux)
kernel casper/vmlinuz
append file=/cdrom/preseed/mint allinone.seed boot=casper
initrd=/casper/initrd.lz debian-installer/locale=en keyboard-
configuration/layoutcode=en GB console-setup/layoutcode=en_GB
automatic-ubiquity quiet splash --
label live
  menu label Start Linux Mint
  kernel /casper/vmlinuz
  append file=/cdrom/preseed/linuxmint.seed boot=casper
initrd=/casper/initrd.lz quiet splash -- persistent
menu default
label xforcevesa
  menu label Start in compatibility mode
  kernel /casper/vmlinuz
  append file=/cdrom/preseed/linuxmint.seed boot=casper
initrd=/casper/initrd.lz noapic noacpi nosplash irgpoll nomodeset --
label oem
  menu label OEM install (for manufacturers)
  kernel /casper/vmlinuz
  append file=/cdrom/preseed/linuxmint.seed oem-config/enable=true
only-ubiquity boot=casper initrd=/casper/initrd.lz quiet splash --
label check
  menu label Integrity check
  kernel /casper/vmlinuz
  append boot=casper integrity-check initrd=/casper/initrd.lz quiet
splash --
label hdt
  menu label Hardware Detection
```

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kernel hdt.c32
label local
 menu label Boot from local drive
 COM32 chain.c32
 APPEND hd0
label memtest
 menu label Memory test
 kernel /casper/memtest

Finally, proceed with pre-config as per CUSTOM USB INSTALL instructions (to follow)

From: http://wuff.dyndns.org/ - **Wulf's Various Things**

Permanent link: http://wuff.dyndns.org/doku.php?id=linux:preseed-linux-usb&rev=1701995073



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