My steps for installing MINIX 2.0.4, change login to giris and transfer that file:

\*\*Additional steps are colored.

STAGE 1

* I Download the Minix 2 distribution from <http://www.minix3.org/previous-versions/gzipped/Intel2.0.4.tar.gz> and untar it.
* I Make an empty 1440kB floppy disk image with

#dd if=/dev/zero of=boot.img bs=1k count=1440

* Before the concatenation, I move the boot.img file to Intel-2.0.4 folder.
* I Concatenate the root and usr images from the Minix distribution and write them to the floppy image with

#cat Intel-2.0.4/i386/ROOT.MNX Intel-2.0.4/i386/USR.MNX | dd of=boot.img conv=notrunc

STAGE 2

* I install VirtualBox
* I Create a virtual machine on VirtualBox with these properties:

Name=Minix, Operating System=Other, Version=Other/Unknown, Base Memory Size=64MB

* I Put the boot.img in VirtualBox/Minix folder
* I Create new hard disk, VDI, Dynamically allocated, 200MB
* I Delete the CD drive
* I Add a second hard disk to the IDE controller:
* I Create a second disk, Name=MinixDist.vdi, VDI, Fixed size, 20MB

•it is already in the same directory as boot.img

* I add a floppy controller and add floppy drive containing boot.img

STAGE 3

* I Type = to boot, fill in the /usr device as /dev/fd0p2, login: root.
* Command: part
* I Select device as c0d1 and write full Size(40320) and quit.
* Commands for make file system and check then quit:

#mkfs /dev/c0d1p0

#mount /dev/c0d1p0 /mnt

#df

#shutdown

* I power off the machine and switch to ubuntu
* Commands for mount the disk image, copy the Minix files, and unmount it
* metin içeren bir resim

  Açıklama otomatik olarak oluşturuldu#cd ~/VirtualBox\ VMs/Minix/ (first change directory to Minix bc MinixDist.vdi is there.)

#sudo mount -o loop,offset=2129408 MinixDist.vdi /mnt

* #cd ~/ (change directory to Home bc \* Intel-2.0.4 is there.)

#sudo cp Intel-2.0.4/i386/\* Intel-2.0.4/src/\* /mnt

#sudo cp Intel-2.0.4/src/SYS.TAZ /mnt

#sudo cp Intel-2.0.4/src/CMD.TAZ /mnt

#sudo umount /mnt

STAGE 4

* I Boot the virtual machine again.
* Command: #setup and quit
* dev/c0d0p0
* press: enter (0 size). press: enter
* Commands for mount the 20MB disk

#mkdir /dist

#mount /dev/c0d1p0 /dist

#setup /usr </dist/USR.TAZ

#setup /usr </dist/SYS.TAZ

#setup /usr </dist/CMD.TAZ

* I remove the boot.img from the virtual drive and Minix folder.

ASSIGNMENT

* First i looked for login word in minix codes. then I looked github and Minix 3 documentation.

metin içeren bir resim

Açıklama otomatik olarak oluşturuldu <https://wiki.minix3.org/doku.php?id=developersguide:frompowerontologinprompt>

* I found this:
* I looked for getty file in minix with this command:

**#find / -name getty.c -print**

* metin içeren bir resim

  Açıklama otomatik olarak oluşturulduIt gave me the location:
* I go to that location and read it's contents.
* I found the login banner.
* I change Login to Giris vith vim editor. Command: #vi getty.c
* I close the file and compile with command:

metin içeren bir resim

Açıklama otomatik olarak oluşturuldu #make install

* For transfer the file to ubuntu, I use these commands:

#sudo apt-get install qemu qemu-utils

#sudo rmmod nbd

#sudo modprobe nbd max\_part=16

#sudo qemu-nbd -c /dev/nbd0 Minix.vdi

* metin içeren bir resim

  Açıklama otomatik olarak oluşturulduThe file is in the /media/neslisahcelek/disk/src/commands/simple/