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Karmic Koala Testing and Discussion (CLOSED)

how to chroot, simple and fast

Hello Unregistered. The next UOS will take place between the 12th and 14th November. More details to follow here

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Thread: how to chroot, simple and fast

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May 11th, 2009



taavikko 🚇



Ubuntu Cappuccino Scuro







Join Date: Apr 2007

#1

Location: /home/Helsinki

Beans:

Hidden!

Distro:

Ubuntu Development Release

how to chroot, simple and fast

Pick up a liveCD, version doesn't matter, you could use any distro, as long as it ables you to enter to console.

means run with root or sudo

1. Create a mountpoint

Code:

mkdir /mount/point

2. Mount /proc /sys /dev to chroot

Code:

mount -o bind /proc /mount/point/proc

mount -o bind /dev /mount/point/dev

mount -o bind /dev/pts /mount/point/dev/pts

mount -o bind /sys /mount/point/sys

3. Copy resolv.conf to networking

Code:

cp /etc/resolv.conf /mount/point/etc/resolv.conf

4.Open bash in chroot

Code:

chroot /mount/point /bin/bash

5. Do what you have to do and then exit chroot

Code:

exit

there may be more elegant way of achieving this, but this one has stuck to me.

Hope this helps someone, this is probably posted on multiple sites, but what the heck, now no need to search around 🥲

Last edited by taavikko; May 12th, 2009 at 05:59 PM.

I won't answer to difficult guestions.

Adv Reply

May 11th, 2009



davideotape 🚨



Cookies and cream





#2

Join Date: Jun 2008

Location:

Manchester, UK

Beans: 425

Distro:

Ubuntu Development Release

Re: how to chroot, simple and fast

May I ask what this is used for and what it actually does?

Adv Reply

May 11th, 2009



Join Date: Apr 2006

#3



Location:

Finland

Beans: 42

Distro:

Ubuntu Development Release

Re: how to chroot, simple and fast

It creates a "jailed" copy of the current operating environment within the current operating environment, so you can run stuff without affecting your main environment.

Adv Reply

May 11th, 2009



autocrosser 🙅



I Ubuntu, Therefore, I Am



#4

Join Date: Jun 2005

Location: Pacific NorthWest

Beans:

2,782

Distro: Ubuntu Development Release



Re: how to chroot, simple and fast

I was just talking in the Hal thread & my script looks very similar.....I'll post it this evening---at work right now.....

"Let's nobody be dead today----Looks very bad on my report" One of my favourite lines from AVATAR 😁 Linux User#395230 Ubuntu User# 13498



Adv Reply

May 11th, 2009



Starks 🚨



Skinny Extra Sweet Ubuntu





#5

Join Date: Mar 2007

Location: Hempstead, NY

> Beans: 1,694

Distro:

Ubuntu Development Release

Re: how to chroot, simple and fast

Here's my chroot bash script.

Code:

#!/bin/bash mount --bind /dev /media/disk/dev mount --bind /proc /media/disk/proc mount --bind /sys /media/disk/sys mount --bind /dev/pts /media/disk/dev/pts cp /etc/resolv.conf /media/disk/etc/resolv.conf chroot /media/disk

The resolv.conf line is essential for using apt or aptitude to update your packages. Without it, you won't be able to use DNS.

Last edited by Starks; May 11th, 2009 at 08:31 PM.

Adv Reply

May 11th, 2009



davideotape 🚨



Cookies and cream





Location: Manchester, UK

> Beans: 425

#6

Distro:

Ubuntu Development Release

Re: how to chroot, simple and fast

So you could use it to test new packages then

Adv Reply

May 11th, 2009











#7

Join Date: Jul 2008

> Beans: 1,491

Re: how to chroot, simple and fast

Or fix a borked OS, because you get full control over the packages installed in the "jail".

Adv Reply

May 12th, 2009



autocrosser 🚇

Join Date:

#8



I Ubuntu, Therefore, I Am



Jun 2005

Location: Pacific NorthWest

> Beans: 2,782

Distro: Ubuntu Development Release



Re: how to chroot, simple and fast

Hey Starks---looks like you are using the same one I am---I just point to stuff that's in /mnt --- helps to have 4 drives with 5 OS installs.....

Code:

#!/bin/bash sudo mount --bind /dev /mnt/Karmic/dev sudo mount --bind /proc /mnt/Karmic/proc sudo mount --bind /sys /mnt/Karmic/sys sudo cp /etc/resolv.conf /mnt/Karmic/etc/resolv.conf sudo chroot /mnt/Karmic su

"Let's nobody be dead today----Looks very bad on my report" One of my favourite lines from AVATAR 😁 Linux User#395230



Ubuntu User# 13498

Adv Reply

May 12th, 2009



taavikko 🚇



Ubuntu Cappuccino Scuro











#9

Join Date: Apr 2007

Location: /home/Helsinki

Beans:

Hidden!

Distro:

Ubuntu Development Release

Re: how to chroot, simple and fast



👥 Originally Posted by Starks 🗾



Here's my chroot bash script.

The resolv.conf line is essential for using apt or aptitude to update your packages. Without it, you won't be able to use DNS.

If modem is providing the DNS then there's no need to copy resolv.conf At least that I'm aware of.

Case may be different if behind proxy or connected directly to ISP

I won't answer to difficult guestions.

Adv Reply

May 12th, 2009











Location:



Beans: 1,694

Distro: Ubuntu Development Release





Re: how to chroot, simple and fast



If modem is providing the DNS then there's no need to copy resolv.conf At least that I'm aware of.

Case may be different if behind proxy or connected directly to ISP

As far as I understand, the resolv.conf step is necessary because the chroot'd environment is isolated from the internet under most circumstances.

Adv Reply

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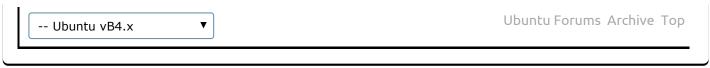


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