

machinelearning1*A Machine Learning weblog*

Install TinyCore Linux on VirtualBox – Step by Step

Posted on [December 14, 2012](#)

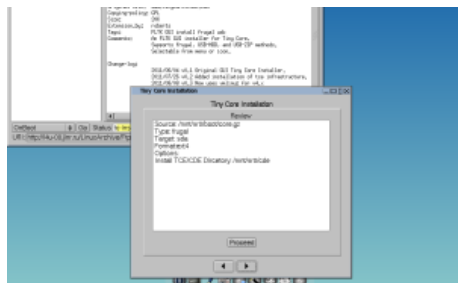
Before starting the installation process check my [previous post](#) about the TinyCore Linux.

- 1- Download the .iso file from this [link](#). (TinyCore is just 12MB).
- 2- Mount the .iso file to your Virtual (CD/DVD) Drive, or from a mini-CD or even USB.
- 3- Open VirtualBox and make a **New OS**. Name : **TinyCore** , Type: **Linux**, Version: **Linux 2.6** , then **OK**.
- 4- Memory Size: **256 MB**, and **Next**
- 5- select **Create a new virtual harddrive** , press **Next**, and select **VDI**,
- 6- Select **Dynamically Allocated** and choose **512MB** of Hard Disk and **Finish**.
- 7- Press **Start** button.
- 8- Select the drive you mounted your iso file there to start from there (for me it is **E:**). Now you will see the OS loads on the RAM and you can test it but if you want to install it you need to continue the next steps.
- 9- On the Desktop of your TinyCore go to the **Wbar (the bottom ribbon)** and run **APPS**. It will ask about to find the fastest mirror, press **OK** and wait for the mirror to be find then press **OK** again.
- 10- Go to **Apps>Cloud>Browse** and in the search bar type **tc-install** and press search, when the search is complete select **tc-install.tcz** and press **Go** button. Wait to see the message: *tc-install.tcz OK*.
- 11- Now the **tc-install** Icon is added to your Wbar, so run it.
- 12- Check that the Path to the **core.gz** file is automatically selected (If not you have to find the file in the Mounted iso file, just double Click in the address bar to browse)
- 13- Tick, **Frugal** and **Whole Disk**, and choose **sda** from the list.
- 14- Press > button, choose **ext4** and press > button and again in the next window press > button.
- 15- Then you will see in the next page the **Install Extension** Radio Button is checked and the address is provided. Just Press > button and in the next page you will see a brief list of all settings, you just need to press

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If you cannot do the installation process using this easy steps, then go to this [link](#) and see the super-easy installation manual.



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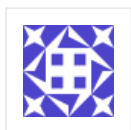
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About machinelearning1

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3 Responses to *Install TinyCore Linux on VirtualBox – Step by Step*



Vinay Dwivedi says:

July 17, 2014 at 6:17 pm

Thanks a lot for this tutorial. TinyCore is simply awesome. I was trying to install it in vmware but it was not this much smooth.

[Reply](#)



Ryan says:

October 18, 2015 at 12:20 am

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I installed IpTables in tinyCore and opened EVERYTHING. Installed NGinx and NodeJs. And in the TinyCore VM I can open Chromium and browse to my NGinx website.

However from the host I cannot, and it does not respond to the ping.

Everything I can think of is configured and open (firewalls on both sides). So all I can think now is that the VirtualBox Guest Additions are needed in TinyCore to make the Bridged Nic work right. However I cannot install those because it can't find the header files, even when I installed the header files, I need to specify KERN_DIR, and I tried pointing that to /usr/include/linux (where the headers installed to), but still no dice.

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bryan scriven says:

April 8, 2018 at 9:02 pm

Not currently working with virtualbox 5.2.8 on a Windows host followed steps completely still crashes while booting kernel guide might be outdated for current version of tinycore

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