



antiX-forum

Forum for users of antiX linux. "Mean and Lean"

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Limiting writes to SSD on EEEPC

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rokytnji ●

Posts 4,164

Joined: Thu Feb 19, 2009
7:44 pm

🕒 Thu Apr 29, 2010 8:47 am #1 ▾

Guys, I have been trying to setup this EEEPC so as to minimise writes as much as possible to internal SSD drives. And the below is what I have come up with so far

This is how I have my browser cache setup. Borrowed from this page [http://posterous.mauriciovieira.net/how... disk-tmpfs](http://posterous.mauriciovieira.net/how...disk-tmpfs)

I make a new directory in /media called /media/ramdisk

CODE: SELECT ALL

```
root@biker:/mnt/sdb1/home/harry# mkdir /media/ramdisk
root@biker:/mnt/sdb1/home/harry# mount -t tmpfs -o size=64M,nr_inodes=10k,mode=0777 tmpfs /media/ramdisk
```

Then I go into Iceape preferences and move cache to /media/ramdisk

about:config looks like this now when I type in browser.cache in the filter box

CODE: SELECT ALL

```
browser.cache.disk.parent_directory;/media/ramdisk
```

To automount the ramdisk I edit my /etc/fstab as follows

CODE: SELECT ALL

```
# Pluggable devices are handled by uDev, they are not in fstab
/dev/sda1 / auto defaults,noatime 1 1
proc /proc proc defaults 0 0
devpts /dev/pts devpts mode=0622 0 0
/dev/sdb1 /mnt/sdb1 ext2 auto,users,exec,noatime,errors=remount-ro 1 2
# Dynamic entries below
/dev/sda3 /mnt/sda3 vfat noauto,users,gid=users,dmask=002,fmask=113,relatime 0 0
tmpfs /media/ramdisk tmpfs size=64M,nr_inodes=10k,mode=777 0 0
```

My Next step was to borrow some stuff from this page below. <http://lonesysadmin.net/2008/02/21/elevatornoop/>

So I edited my /boot/grub/menu.lst as follows

CODE: SELECT ALL

```

timeout 10
color cyan/blue white/blue
foreground ffffff
background 0639a1

gfxmenu /boot/grub/message

title antiX at sda1, kernel 2.6.32-1-mepis-smp
root (hd0,0)
kernel /boot/vmlinuz-2.6.32-1-mepis-smp root=/dev/sda1 elevator=noop nomce quiet nosplash vga=788
initrd /boot/initrd.img-2.6.32-1-mepis-smp
boot

### BEGIN AUTOMAGIC KERNELS LIST
## lines between the AUTOMAGIC KERNELS LIST markers will be modified
## by the debian update-grub script except for the default options below

## DO NOT UNCOMMENT THEM, Just edit them to your needs

```

I have rebooted since doing all these changes and it may be my imagination. But my Asus EEEPC 900 seems to boot up faster and Iceape also seems to open up faster now also. I hope I got this right before I add it to the How to Install AntiX 8.5 at my blog 😊. Whaddya think?

Linux Registered User # 475019
Linux at Home courses
[How to Search for AntiX solutions to your problems](#)

Reply Edit

anticapitalista

Posts 5,952
Site Admin
Joined: Tue Sep 11, 2007
9:55 am

Thu Apr 29, 2010 9:06 am #2

Great post.
I tried on my desktop, and tbh didn't notice any difference, but I'm sure eeeepc users will see the benefits.

Philosophers have interpreted the world in many ways; the point is to change it.

Reply Edit

brian

Posts 107
Joined: Sat Sep 10, 2011
4:04 am

Thu Sep 22, 2016 11:31 am #3



Thanks for the tips, you guys! So I can change ondemand to performance at bootup? I'll look into it! I thought it was a line to be changed in a file somewhere.
I found menu.lst in /usr/share/doc/memtest86+/examples/grub-menu.lst on my pc. It's quite a short file length and it sounds like it may not make much difference to my setup.. ?
PuppyStudio sounds interesting; I'll have to try it out in the future. For now, I think AntiX will do just about everything I need, and it's much faster than Ubuntu Studio was! Good work! 😊
If I may add here:

I also noticed, since I use Audacity A LOT, I'm not sure which version of Wx widgets to use. So I've asked help over at the Audacity forum here: [Audacity](#)

Do any of you guys have any recommendations about Wx widgets and Audacity? (So far I've used it without any crashes, but extra opinions are always useful! 😊)

brian

Have your PC your way: use linux!
My sound synthesis biome: <http://www.linuxsynths.com>

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skidoo

Posts 1,441

Joined: Wed Feb 08, 2012
11:29 pm

🕒 Thu Sep 22, 2016 12:32 pm #4 ▼

any recommendations about Wx widgets and Audacity?

? don't feed them after midnight?

Seriously, I don't understand what/why you are asking.
Installation of audacity from debian repositories automatically installs the appropriate wxWidgets.
Are you compiling your own modified/optimized version of audacity?

 Reply  Edit

brian

Posts 107

Joined: Sat Sep 10, 2011
4:04 am

🕒 Thu Sep 22, 2016 12:51 pm #5 ▼

🗨️ skidoo wrote:

any recommendations about Wx widgets and Audacity?

? don't feed them after midnight?

Seriously, I don't understand what/why you are asking.
Installation of audacity from debian repositories automatically installs the appropriate wxWidgets.
Are you compiling your own modified/optimized version of audacity?



My apologies, I posted on the wrong thread.. (I was reading roky's post from another thread, and accidentally posted here.)
I did in fact install from the repos, but the developers at Audacity seem to think I might run into problems with the repository version, so I was asking suggestions.

So any possible suggestions ought to be posted on the original thread, here:
<http://antix.freeforums.org/tweaks-for-...t6603.html>

Sorry 'bout that! 😊

brian

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