

# / Composition

[Debian TS-WXL](#)

Now that the basic system settings made with debootstrap are complete,



Execute from "/ boot configuration" on P154 of SoftwareDesign 2010/1 ( [Amazon](#) )

... But I want to say.

## / Composition

The debian base system created by debootstrap is still in / mnt / debinst. You have to bring this to /.

-Start with RAMRoot and move to /-Start with  
standard firmware, connect with USB and move to /-Connect to  
another PC via USB and move to /,  
etc. Not interesting because it has been experienced.

This time, I will try using the hot plug function of the standard firmware.

## Starting the standard farm

Start by inserting only HDD of standard firmware into HDD2

## Insert a test HDD into HDD1

```
root@TS-WXL3B3:~# KERNELMon (SATA 0 plugged)
```

Even if you physically stab, it is not recognized in "System" → "Disk" on the management screen and "Removed"

## Re-recognize disk

Execute "Re-recognize disk" in "System" → "Disk" on the management screen.

```
root@TS-WXL3B3:~# tail /var/log/messages
Mar  7 13:10:41 TS-WXL3B3 kernel: Linux IAL (ERROR) : retry command host=0, bus=0 SCpnt = 809e8960
Mar  7 13:10:41 TS-WXL3B3 kernel: sd 0:0:0:0: [sdb] 976773168 512-byte hardware sectors (500108 MB)
Mar  7 13:10:41 TS-WXL3B3 kernel: sd 0:0:0:0: [sdb] Write Protect is off
Mar  7 13:10:41 TS-WXL3B3 kernel: sd 0:0:0:0: [sdb] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
Mar  7 13:10:41 TS-WXL3B3 kernel: sd 0:0:0:0: [sdb] 976773168 512-byte hardware sectors (500108 MB)
Mar  7 13:10:41 TS-WXL3B3 kernel: sd 0:0:0:0: [sdb] Write Protect is off
Mar  7 13:10:41 TS-WXL3B3 kernel: sd 0:0:0:0: [sdb] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
Mar  7 13:10:41 TS-WXL3B3 kernel: sdb: sdb1 sdb2 sdb3 sdb4 sdb5 sdb6
Mar  7 13:10:41 TS-WXL3B3 kernel: sd 0:0:0:0: [sdb] Attached SCSI disk
Mar  7 13:10:41 TS-WXL3B3 kernel: sd 0:0:0:0: Attached scsi generic sg1 type 0
root@TS-WXL3B3:~#
```

HDD1 was recognized as sdb.

## Mount /

```
root@TS-WXL3B3:~# mkdir /tmp/root
root@TS-WXL3B3:~# mount -t ext3 /dev/sdb2 /tmp/root
kjournald starting. Commit interval 5 seconds
EXT3 FS on sdb2, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
root@TS-WXL3B3:~# ls /tmp/root
bin      etc      lib      modules  sbin     usr
boot     home     lost+found  proc     sys      var
dev      initrd   mnt      root     tmp      www
root@TS-WXL3B3:~#
```

## Swap /

Swap the standard farm / with the basic debian system created with debootstrap.

First, evacuate the standard farm

```
root@TS-WXL3B3:~# cd /tmp/root
root@TS-WXL3B3:/tmp/root# mkdir .buffalo
root@TS-WXL3B3:/tmp/root# mv * .buffalo/
root@TS-WXL3B3:/tmp/root# ls -a
.  ..  .buffalo
root@TS-WXL3B3:/tmp/root#
```

Directories and files starting with. Do not hit \*, so .buffalo is not mv'd to .buffalo.

Then bring the debian base system to /

```
root@TS-WXL3B3:/tmp/root# cd .buffalo/mnt/debinst/
root@TS-WXL3B3:/tmp/root/.buffalo/mnt/debinst# ls
bin      etc      media    proc     selinux  tmp
boot     home     mnt      root     srv      usr
dev      lib      opt      sbin     sys      var
root@TS-WXL3B3:/tmp/root/.buffalo/mnt/debinst# mv * /tmp/root
root@TS-WXL3B3:/tmp/root/.buffalo/mnt/debinst# cd /tmp/root
root@TS-WXL3B3:/tmp/root# ls
bin      etc      media    proc     selinux  tmp
boot     home     mnt      root     srv      usr
dev      lib      opt      sbin     sys      var
root@TS-WXL3B3:/tmp/root#
```

You now have / in / tmp / root.

## Unmount

```
root@TS-WXL3B3:/tmp/root# cd /
root@TS-WXL3B3:/# umount /tmp/root
root@TS-WXL3B3:/#
```



TS-WXL

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