

debootstrap

[Debian TS-WXL](#)

There are ar and wget in RAM Root of TS-WXL, so debootstrap and install debian.

mount

Mount / dev / md1 to be /

```
root@TS-WXL-EM3B3:~# mkdir /mnt/debinst
root@TS-WXL-EM3B3:~# mount /dev/md1 !$
mount /dev/md1 /mnt/debinst
EXT3-fs: unable to read superblock
EXT2-fs: unable to read superblock
mount: mounting /dev/md1 on /mnt/debinst failed: Input/output error
root@TS-WXL-EM3B3:~#
```

Hmm?

```
root@TS-WXL-EM3B3:~# cat /proc/mdstat
Personalities : [raid0] [raid1] [raid6] [raid5] [raid4]
unused devices:
root@TS-WXL-EM3B3:~#
```

There is no md1.

Set up md.

```
root@TS-WXL-EM3B3:~# /etc/init.d/startSysMd.sh
-- rebuild mdadm.conf for BOOT, ROOTFS with Intelligent routine --
md: md10 stopped.
md: bind
raid1: raid set md10 active with 1 out of 2 mirrors
mdadm: /dev/md10 has been started with 1 drive (out of 2).
md: md1 stopped.
md: bind
raid1: raid set md1 active with 1 out of 2 mirrors
mdadm: /dev/md1 has been started with 1 drive (out of 2).
md: md0 stopped.
md: bind
raid1: raid set md0 active with 1 out of 2 mirrors
mdadm: /dev/md0 has been started with 1 drive (out of 2).
-- setup max error counts --
/sys/block/md0/md/maxerr_cnt is setted to 20
/sys/block/md1/md/maxerr_cnt is setted to 20
/sys/block/md10/md/maxerr_cnt is setted to 20
root@TS-WXL-EM3B3:~# cat /proc/mdstat
Personalities : [raid0] [raid1] [raid6] [raid5] [raid4]
md10 : active raid1 sda5[0]
      999872 blocks [2/1] [U_]

md1 : active raid1 sda2[0]
      4999936 blocks [2/1] [U_]

md0 : active raid1 sda1[0]
      999872 blocks [2/1] [U_]

unused devices:
root@TS-WXL-EM3B3:~#
```

This time mount.

```
root@TS-WXL-EM3B3:~# mount /dev/md1 /mnt/debinst
kjournald starting. Commit interval 5 seconds
```

```
EXT3 FS on md1, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
root@TS-WXL-EM3B3:~# ls /mnt/debinst/
bin      etc      lib      modules  sbin     usr
boot     home     lost+found  proc     sys      var
dev       initrd   mnt       root     tmp      www
root@TS-WXL-EM3B3:~#
```

did it.

Evacuation of standard farm

```
root@TS-WXL-EM3B3:~# cd /mnt/debinst/
root@TS-WXL-EM3B3:/mnt/debinst# mkdir .buffalo
root@TS-WXL-EM3B3:/mnt/debinst# mv * !$
mv * .buffalo
root@TS-WXL-EM3B3:/mnt/debinst# ls
root@TS-WXL-EM3B3:/mnt/debinst# ls -a
.      ..      .buffalo
root@TS-WXL-EM3B3:/mnt/debinst# ls -l .buffalo/
drwxr-xr-x  2 root  root      4096 Dec  3 23:20 bin
drwxr-xr-x  2 root  root      4096 Dec  3 23:17 boot
drwxr-xr-x  6 root  root    12288 Feb 23 22:24 dev
drwxr-xr-x 26 root  root      4096 Feb 23 22:24 etc
drwxrwxrwx  3 root  root      4096 Dec  3 23:19 home
drwxr-xr-x  2 root  root      4096 Dec  3 23:17 initrd
drwxr-xr-x  4 root  root      4096 Jan 25 23:49 lib
drwx----- 2 root  root    16384 Jan 25 23:46 lost+found
drwxrwxrwx 11 root  root      4096 Feb 23 22:05 mnt
drwxr-xr-x  3 root  root      4096 Feb 23 22:05 modules
drwxr-xr-x  2 root  root      4096 Jul 17  2008 proc
drwx-----  3 root  root      4096 Jan 26 00:10 root
drwxr-xr-x  2 root  root      4096 Feb 23 22:05 sbin
drwxr-xr-x  2 root  root      4096 Dec  3 23:17 sys
lrwxrwxrwx  1 root  root         8 Feb 23 22:05 tmp -> /mnt/ram
drwxr-xr-x 10 root  root      4096 Dec  3 23:20 usr
drwxr-sr-x 11 root  root      4096 Feb 23 22:05 var
drwxr-xr-x  6 root  root      4096 Dec  3 23:18 www
root@TS-WXL-EM3B3:/mnt/debinst#
```

debootstrap

From here, execute debootstrap according to P150 of SoftwareDesign 2010/1 (laugh).

Get debootstrap

The latest one looks like debootstrap_1.0.22_all.deb.

Get with wget.

```
root@TS-WXL-EM3B3:/mnt/debinst# cd /tmp
root@TS-WXL-EM3B3:/tmp# wget http://ftp.jp.debian.org/debian/pool/main/d/debootstrap/debootstrap_1.0.22_all.deb
wget: bad address 'ftp.jp.debian.org'
root@TS-WXL-EM3B3:/tmp# cat /etc/resolv.conf
nameserver 192.168.2.39
nameserver 192.168.1.2
search yamasita.jp
root@TS-WXL-EM3B3:/tmp#
```

Mmmm. why?

Because there is no help for it, by IP address.

```
root@TS-WXL-EM3B3:/tmp# wget http://61.115.118.67/debian/pool/main/d/debootstrap/debootstrap_1.0.22_all.deb
```

Connecting to 61.115.118.67 (61.115.118.67:80)

```
debootstrap_1.0.22_a 100% | ***** | 57090 00:00:00 AND  
root@TS-WXL-EM3B3:/tmp#
```

Get.

Debootstrap deployment

```
root@TS-WXL-EM3B3:/tmp# ar -xv debootstrap_1.0.22_all.deb  
rw-r--r-- 0/0      4 Feb 23 04:54 2010 debian-binary  
rw-r--r-- 0/0    1176 Feb 23 04:54 2010 control.tar.gz  
rw-r--r-- 0/0   55721 Feb 23 04:54 2010 data.tar.gz  
root@TS-WXL-EM3B3:/tmp#
```

Install debootstrap

```
root@TS-WXL-EM3B3:/tmp# cd /  
root@TS-WXL-EM3B3:/# tar zxvf tmp/data.tar.gz  
root@TS-WXL-EM3B3:/# tar zxvf tmp/data.tar.gz  
./  
./usr/  
./usr/sbin/  
./usr/sbin/debootstrap  
:  
:  
./usr/share/debootstrap/scripts/testing  
./usr/share/debootstrap/scripts/unstable  
./usr/share/debootstrap/scripts/hardy  
root@TS-WXL-EM3B3:/#
```

Running debootstrap

```
root@TS-WXL-EM3B3:/# usr/sbin/debootstrap --arch armel lenny /mnt/debinst http://ftp.jp.debian.org/debian  
E: No pkgdetails available; either install perl, or build pkgdetails.c from source  
root@TS-WXL-EM3B3:/#
```

Do you

need perl as well as ar and wget ? . .



TS-WXL

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debootstrap in standard farm](#)