

Ar of standard firmware (HDD root)

[TS-WXL](#)

[Although the standard farm did not have ar](#) ,

RamRoot has ar, but
why doesn't HDD Root have ar?

As a fright? ? ?

```
root@TS-WXL3B3:~# which ar
root@TS-WXL3B3:~# /bin/busybox --help
BusyBox v1.7.0 (2007-10-15 19:49:46 IST) multi-call binary
Copyright (C) 1998-2006 ㄈrik Andersen, Rob Landley, and others.
Licensed under GPLv2. ㄆee source distribution for full notice.
```

```
Usage: busybox [function] [arguments]...
      or: [function] [arguments]...
```

BusyBox is a multi-call binary that combines many common Unix utilities into a single executable. Most people will create a link to busybox for each function they wish to use and BusyBox will act like whatever it was invoked as!

Currently defined functions:

```
[, [[, addgroup, adduser, adjtimex, ar, arp, arping, ash,
awk, basename, bunzip2, bzip2, cal, cat, catv, chatr,
chgrp, chmod, chown, chpasswd, chpst, chroot, chrt, chvt,
cksum, clear, cmp, comm, cp, cpio, crond, crontab, cryptpw,
cut, date, dc, dd, deallocvt, delgroup, deluser, df, dhcprelay,
diff, dirname, dmesg, dnsd, dos2unix, du, dumpkmap, dumpleases,
echo, ed, egrep, eject, env, envdir, envuidgid, ether-wake,
expand, expr, fakeidentd, false, fbset, fdflush, fdformat,
fdisk, fgrep, find, fold, free, freeramdisk, fsck, fsck.minix,
ftpget, ftpput, fuser, getopt, getty, grep, gunzip, gzip,
halt, hdparm, head, hexdump, hostid, hostname, httpd,
hwclock, id, ifconfig, ifdown, ifup, inetd, init, insmod,
install, ip, ipaddr, ipcalc, ipcrm, ipcs, iplink, iproute,
iprule, iptunnel, kill, killall, killall5, klogd, last,
length, less, linux32, linux64, linuxrc, ln, loadfont,
loadkmap, logger, login, logname, logread, losetup, ls,
lsattr, lsmmod, lzmacat, makedevs, md5sum, mdev, msg,
mkdir, mkfifo, mkfs.minix, mknod, mkswap, mktemp, modprobe,
more, mount, mountpoint, mt, mv, nameif, nc, netstat,
nice, nmeter, nohup, nslookup, od, openvt, passwd, patch,
pidof, ping, ping6, pipe_progress, pivot_root, poweroff,
printenv, printf, ps, pscan, pwd, raidautorun, rdate,
readahead, readlink, readprofile, realpath, reboot, renice,
reset, resize, rm, rmdir, rmmod, route, rpm, rpm2cpio,
run-parts, runlevel, runsv, runsvdir, rx, sed, seq, setarch,
setconsole, setkeycodes, setlogcons, setsid, setuidgid,
sh, sha1sum, slattach, sleep, softlimit, sort, split,
start-stop-daemon, stat, strings, stty, su, sulogin, sum,
sv, svlogd, swapoff, swapon, switch_root, sync, sysctl,
syslogd, tail, tar, taskset, tcpsvd, tee, telnet, telnetd,
test, tftp, time, top, touch, tr, traceroute, true, tty,
ttysize, udhcpc, udhcpd, udpsvd, umount, uname, uncompress,
unexpand, uniq, unix2dos, unlzma, unzip, uptime, usleep,
```

uudecode, uuencode, vconfig, vi, vlock, watch, watchdog,
wc, wget, which, who, whoami, xargs, yes, zcat, zcip

```
root@TS-WXL3B3:~#
```

There is.
just not linked to ar.

Links for ar

```
root@TS-WXL3B3:~# ln -s /bin/busybox /usr/local/bin/ar
root@TS-WXL3B3:~# which ar
root@TS-WXL3B3:~# ar
BusyBox v1.7.0 (2007-10-15 19:49:46 IST) multi-call binary
```

Usage: ar [-o] [-v] [-p] [-t] [-x] ARCHIVE FILES

Extract or list FILES from an ar archive

Options:

| | |
|----|-------------------------|
| -o | Preserve original dates |
| -p | Extract to stdout |
| -t | List |
| -x | Extract |
| -v | Verbose |

```
root@TS-WXL3B3:~#
```

Can you do debootstrap with this? ? ?



TS-WXL

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[hack](#)

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[this time debootstrap](#)

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