

First Steps with JFFS2 on the ADNP/1486

- **1. Step:** Download the O/S Image File **pllnxmtimg** to your ADNP/1486 and boot this O/S Image. The O/S Image File is based on a Linux 2.4 kernel with JFFS2.
- **2. Step:** Execute a login. Then use the **mount** command. This command shows, that your ADNP/1486 offers a readable/writeable (rw) filesystem with the name **/mnt**.

```

DIL-NetPC - HyperTerminal
Datei Bearbeiten Ansicht Anruf Übertragung ?
0x00010000-0x000f0000 : "ADNP first flash"
0x00200000-0x003f0000 : "ADNP second flash"
JFFS2 version 2.1. (C) 2001 Red Hat, Inc., designed by Axis Communications AB.
eth0: 10Base-T (RJ-45) has no cable
eth0: no network cable attached to configured media

- SSV Embedded Linux - Version 0.15
emblinux login: gast
Password:

BusyBox v0.60.1 (2001.09.28-09:44+0000) Built-in shell (ash)
Enter 'help' for a list of built-in commands.

# mount
/dev/root on / type minix (rw)
/dev/proc on /proc type proc (rw)
/dev/mtdblock2 on /mnt type jffs2 (rw)
# ls /mnt -al
drwxr-xr-x  1 root  root          0 Jan  1 00:00 .
drwxr-xr-x 14 root  root        448 Mar  6 2002 ..
-rwxr-xr-x  1 root  root       7516 Jan  1 00:04 counter
-rwxr-xr-x  1 root  root      14646 Jan  1 1980 relais1
#

```

- **3. Step:** Transfer a file with FTP to your RAM disk-based root filesystem. Copy this file to **/mnt**. It is necessary to be a superuser for copy files to **/mnt**.

```

DIL-NetPC - HyperTerminal
Datei Bearbeiten Ansicht Anruf Übertragung ?
/dev/mtdblock2 on /mnt type jffs2 (rw)
# ls /mnt -al
drwxr-xr-x  1 root  root          0 Jan  1 00:10 .
drwxr-xr-x 14 root  root        448 Mar  6 2002 ..
-rwxr-xr-x  1 root  root       7516 Jan  1 00:04 counter
-rwxr-xr-x  1 root  root      14646 Jan  1 00:25 relais1
# su

BusyBox v0.60.1 (2001.09.28-09:44+0000) Built-in shell (ash)
Enter 'help' for a list of built-in commands.

# ls -al
drwxr-xr-x  2 gast  users          96 Jan  1 00:12 .
drwxr-xr-x  3 root  root          96 Jun  7 2000 ..
-rw-r--r--  1 gast  users      38174 Jan  1 00:12 ELBld438.tif
# cp ELBld438.tif /mnt
# ls /mnt -al
drwxr-xr-x  1 root  root          0 Jan  1 00:10 .
drwxr-xr-x 14 root  root        448 Mar  6 2002 ..
-rw-r--r--  1 root  root      38174 Jan  1 00:14 ELBld438.tif
-rwxr-xr-x  1 root  root       7516 Jan  1 00:04 counter
-rwxr-xr-x  1 root  root      14646 Jan  1 00:25 relais1
# _

```

- **4. Step:** Reboot your ADNP/1486. Check the files on **/mnt**.