

Installation Notes for CET BASIC Version 6.1X Linux with MAC Address Authorization

Introduction

This release of the CET BASIC is intended for the compilation and/or execution of programs on PC compatibles running the Linux operating system.

CET BASIC Version 6.1X has been compiled and tested under Slackware Linux Version 3.4, which includes Linux kernel version 2.0.30. If you experience problems with a different Linux release, please contact your CET distributor.

Installation From Diskettes

The CET BASIC Release 6.1X is delivered on one diskette. To install, please perform the following procedure:

1. Login as superuser in the root directory, by typing:

```
login : root
cd /
```

2. Tar in the installation program called **Binstall** and a file called **Btarfile** which is a tar file of a compressed archive of the release files in cpio format. Enter the following command where *<device>* is a diskette device such as fd0.

```
tar xvf /dev/<device> Binstall
```

3. Install the CET BASIC Compiler by executing:

```
./Binstall
```

Installation From The CET FTP Site

The CET BASIC Release 6.1X for Linux can be obtained by the CET FTP site at ftp.cetsoft.com. After logging on as the user **anonymous**, you may change directories to the **/u/pub/cet/linux** directory. The Linux release for MAC Address authorization will have a name of the form **lnxmVVVV.taz**, where VVVV will be a release number, such as 616A. Download this release and place on a diskette.

1. Login as superuser in the root directory, by typing:

```
login : root
cd /
```

2. Create a directory as a mount point (such as /dosm) and mount the diskette with the release on it, and copy it to the root directory.

```
mount /dev/fd0 /dosm
cp /dosm/lnxmVVVV.taz /
```

3. Install the CET BASIC Compiler by uncompressing and tarring in the release:

```
compress -d < lnxmVVVV.taz > lnxmVVVV.tar
tar -xvf lnxmVVVV.tar
```

Updating Termcap

Linux uses the environment variable TERM=linux. Brtm will report an error if you attempt to run a CET BASIC program with the distribution copy of **/etc/termcap**. (The required BC and BS entries do not exist.) To correct this problem, we suggest that you replace the existing **/etc/termcap** with **/etc/Btermcap** distributed by CET Software.

Obtaining Product Use Authorization

The MAC-Auth version of CET BASIC For Linux uses your ethernet card's unique MAC address as the "KeyPlug" for the product. To activate CET BASIC For Linux, you must supply the MAC Address to your CET Distributor, who will then provide the password needed to activate the product.

You must place these environment variables in the login script or some other place which will set the environment variables so that the CET BASIC Compiler and Runtime will work properly. These products look for these environment variables:

```
setenv B_MACAD 00:40:05:50:9a:af
setenv B_MACPC 118
setenv B_MACSN 555
setenv B_MACNU 15
setenv B_MACLO 15
setenv B_MACNA 1
setenv B_MACPW GWSOIS
```

The B_MACAD value is the MAC Address of your ethernet card. The other parameters specify the number of users and other aspects of your authorization. The B_MACPW value will be given to you by your CET distributor.